EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 23

ATTACHMENT 23 PROPOSED TARIFF OF RATES & CHARGES JANUARY 1, 2021 GUELPH RZ

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.23
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.18)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0043)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	0.0033
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY PATES AND CHARCES. Possulators Commonant		
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non-residential accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.52
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.50)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0146
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0043)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	0.0035
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

\$/kWh

\$/kWh

0.0004 0.0005

0.25

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, and General Service 50 to 999 kW interval metered. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Capacity Based Recovery (CBR) - Applicable for Class B Customers

Rural or Remote Electricity Rate Protection Charge (RRRP)

Service Charge	\$	189.96
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(3.80)
Distribution Volumetric Rate	\$/kW	2.8942
Low Voltage Service Rate	\$/kW	0.0121
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0043)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.1029
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021		
Applicable only for Non-Wholesale Market Participants	\$/kW	1.1475
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	0.1565
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kW	(0.0440)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7488
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8512
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2614
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.3463
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

0.25

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	600.89
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(46.33)
Distribution Volumetric Rate	\$/kW	3.2128
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0043)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.1029
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021		
Applicable only for Non-Wholesale Market Participants	\$/kW	1.4699
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	0.1988
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kW	(0.1207)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8512
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.3463
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.003
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.003
Capacity based necovery (Lon) - Applicable for class b Customers Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Rulai of Remote Electricity Rate Protection Charge (RRRP)	φ/Κ۷۷ΙΙ	0.0003

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

\$/kWh

0.0005

0.25

LARGE USE SERVICE CLASSIFICATION

This classification refers to an account where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Rural or Remote Electricity Rate Protection Charge (RRRP)

Service Charge	\$	1,155.13
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(151.18)
Distribution Volumetric Rate	\$/kW	2.8864
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	0.7595
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	1.5752
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.4432
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8330
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer provides detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.13
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.0234
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0043)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	0.0035
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - APPROVED ON AN INTERIM BASIS

Standby Charge - the charge is based on the applicable General Service 50 to 999 kW, or General Service 1,000 to 4,999 kW or Large Use Distribution Volumetric Rate applied to the generator's peak demand. A Standby Service Charge will be applied for a month where standby power is provided partially or is not provided.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.93
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.7804
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kW	(0.0377)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	1.2563
Retail Transmission Rate - Network Service Rate	\$/kW	2.1043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7315
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per luminaire)	\$	0.46
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.7648
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0043)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	(0.7793)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	1.2434
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021		
Applicable only for Class B Customers	\$/kW	(0.0425)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5324
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0834
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$	4.1	55
Service Charge	4.	JJ

ALLOWANCES

Transformer Allowance for Ownership by General Service 50 to 999 kW customers - per kW of billing demand/month		
	\$/kW	(0.72)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

bis by 0 ----- 10 --- is 50 to 000 lW --- to ---- 10 --- 1

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment, and the HST.

Customer Administration		
Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit service charge for paperless bill	\$	(10.00)
Non-Payment of Account		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	20.00
Reconnection at meter - after regular hours	\$	50.00
Reconnection at pole - during regular hours	\$	50.00
Reconnection at pole - after regular hours	\$	95.00
Other		
Service call - customer owned equipment	\$	17.50
Service call - after regular hours	\$	95.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	45.39
Overhead bond connection - per connection	\$	105.00
Underground bond connection - per connection	\$	100.00

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0002

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment, and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

	_	
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.04
Monthly fixed Charge, per retailer	\$	41.62
Monthly variable Charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered		
electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision		
and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

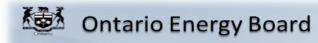
LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.026
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor - Primary Metered Customer > 5 000 kW	1 0036

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 24

ATTACHMENT 24 GA ANALYSIS WORKFORM HORIZON UTILITIES RZ



Version 1.9

Account 158	9 Global	Adjustment	(GA)	Analysis	Workforn

Input cells		
Drop down cells		
	Utility Name	ALECTRA UTILITIES CORPORATION - HORIZON UTILITIES RATE ZONE

Note 1

For Account 1589,

- a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.
- b) If the account was last approved on an interim basis, and
 - i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR
 - ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.
- (e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a -If 2018 balances were last approved on a final basis Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.
- 2) Complete the GA Analysis Workform for each year generated.
- 3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	•	Unresolved Difference as % of Expected GA Payments to IESO
2018	\$ (3,256,262)	\$ (4,015,065)	\$ (4,612,736)	\$ (4,313,900)	\$ (1,057,638)	\$ 127,570,948	-0.8%
2019	\$ 462,116	\$ 9,552,315	\$ (8,825,758)	\$ -	\$ (462,116)	\$ 139,127,728	-0.3%
Cumulative Balance	\$ (2,794,146)	\$ 5,537,251	\$ (13,438,494)	\$ (4,313,900)	\$ (1,519,754)	\$ 266,698,676	N/A

2017

Note 2	Consumption Data Excluding	for Loss Factor (Data to agree with RRR as applicable)

Year		2018		
Total Metered excluding WMP	C = A+B	4,621,984,752	kWh	100%
RPP	A	2,286,966,814	kWh	49.5%
Non RPP	B = D+E	2,335,017,938	kWh	50.5%
Non-RPP Class A	D	991,491,284	kWh	21.5%
Non-RPP Class B*	E	1,343,526,654	kWh	29.1%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

GA Billing Rate

1st Estimate GA is billed on the

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month

Analysis of Expected GA Amount

Year	2018								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Including Loss Adjusted Consumption, Adjusted	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	122,524,832	134,432,429	139,058,700	127,151,103	0.08777	\$ 11,160,052	0.06736	\$ 8,564,898	\$ (2,595,154)
February	121,575,529	139,058,700	125,654,664	108,171,493	0.07333	\$ 7,932,216	0.08167	\$ 8,834,366	\$ 902,150
March	119,222,936	125,654,664	127,067,190	120,635,462	0.07877	\$ 9,502,455	0.09481	\$ 11,437,448	\$ 1,934,993
April	111,956,186	127,067,190	120,297,518	105,186,513	0.09810	\$ 10,318,797	0.09959	\$ 10,475,525	\$ 156,728
May	119,429,709	120,297,518	109,152,491	108,284,682	0.09392	\$ 10,170,097	0.10793	\$ 11,687,166	\$ 1,517,068
June	111,965,341	109,152,491	133,639,854	136,452,705	0.13336	\$ 18,197,333	0.11896	\$ 16,232,414	\$ (1,964,919)
July	114,640,255	133,639,854	154,328,227	135,328,628	0.08502	\$ 11,505,640	0.07737	\$ 10,470,376	\$ (1,035,264)
August	131,681,402	154,328,227	145,242,397	122,595,571	0.07790	\$ 9,550,195	0.07490	\$ 9,182,408	\$ (367,787)
September	121,103,376	145,242,397	135,368,396	111,229,375	0.08424	\$ 9,369,963	0.08584	\$ 9,547,930	\$ 177,967
October	118,309,121	135,368,396	108,696,426	91,637,151	0.08921	\$ 8,174,950	0.12059	\$ 11,050,524	\$ 2,875,574
November	112,815,085	108,696,426	119,055,548	123,174,207	0.12235	\$ 15,070,364	0.09855	\$ 12,138,818	\$ (2,931,546)
December	103,248,819	119,055,548	123,168,633	107,361,905	0.09198	\$ 9,875,148	0.07404	\$ 7,949,075	\$ (1,926,073)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,408,472,591	1,551,993,840	1,540,730,045	1,397,208,796		\$ 130,827,210		\$ 127,570,948	\$ (3,256,262)

1.0400 Calculated Loss Factor **Most Recent Approved Loss Factor for Secondary Metered** Customer < 5,000kW 1.0379 Difference 0.0021

Principal Adjustments

If "no", please provide an explanation

Principal Adjustment

on DVA Continuity

a)) Please provide an explanat	tion in the textbox belo	w if columns G and H	are not used in the tal	ole above.

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Reconciling Items

Note 5	Reconciling Items		
	Item	Amount	Explanation
Net Cha	nge in Principal Balance in the GL (i.e. Transactions in the		

(4,015,065) Year) Schedule CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year 1,842,135 \$1,842k related to prior year but included in the GL in the current year, therefore, should record DR in current year CT 148 True-up of GA Charges based on Actual Non-RPP \$1,957k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current 1b Volumes - current year (1,956,654) year \$1,006k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current 2a Remove prior year end unbilled to actual revenue differences (1,005,879) year \$822k relates to current year but recorded in the GL in the following year, therefore, should record the DR in current 2b Add current year end unbilled to actual revenue differences 821,562 year Remove difference between prior year accrual/forecast to 3a actual from long term load transfers Add difference between current year accrual/forecast to actual 3b from long term load transfers 4 Remove GA balances pertaining to Class A customers Significant prior period billing adjustments recorded in current

Differences in GA IESO posted rate and rate charged on IESO 7 Differences in actual system losses and billed TLFs 8 Others as justified by distributor

Note 6 Adjusted Net Change in Principal Balance in the GL (4,313,900)Net Change in Expected GA Balance in the Year Per **Analysis** (3,256,262)**Unresolved Difference** (1,057,638) Unresolved Difference as % of Expected GA Payments to -0.8%

Note 2	Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)	
NOIG Z	Obligation Data Excluding for E033 ractor (Data to agree with NNN as applicable)	

Year		2019		
Total Metered excluding WMP	C = A+B	4,504,881,989	kWh	100%
RPP	A	2,220,711,068	kWh	49.3%
Non RPP	B = D+E	2,284,170,921	kWh	50.7%
Non-RPP Class A	D	1,007,743,377	kWh	22.4%
Non-RPP Class B*	E	1,276,427,544	kWh	28.3%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 GA Billing Rate

GA is billed on the 1st Estimate

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month

Yes

Note 4 Analysis of Expected GA Amount Year

	201	ı

				Ţ Ţ	T				
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	114,236,665	123,168,633	127,923,135	118,991,166	0.06741	\$ 8,021,195	0.08092	\$ 9,628,765	\$ 1,607,571
February	127,720,912	127,923,135	104,074,789	103,872,566	0.09657	\$ 10,030,974	0.08812	\$ 9,153,250	\$ (877,723)
March	112,747,342	104,074,789	190,941,673	199,614,226	0.08105	\$ 16,178,733	0.08041	\$ 16,050,980	\$ (127,753)
April	122,679,803	190,941,673	178,886,241	110,624,370	0.08129	\$ 8,992,655	0.12333	\$ 13,643,304	\$ 4,650,649
May	108,857,673	178,886,241	143,965,739	73,937,172	0.12860	\$ 9,508,320	0.12604	\$ 9,319,041	\$ (189,279)
June	94,361,829	143,965,739	154,038,265	104,434,356	0.12444	\$ 12,995,811	0.13728	\$ 14,336,748	\$ 1,340,937
July	114,056,342	154,038,265	198,605,853	158,623,930	0.13527	\$ 21,457,059	0.09645	\$ 15,299,278	\$ (6,157,781)
August	123,298,252	198,605,853	158,384,594	83,076,993	0.07211	\$ 5,990,682	0.12607	\$ 10,473,517	\$ 4,482,835
September	117,494,096	158,384,594	104,999,380	64,108,882	0.12934	\$ 8,291,843	0.12263	\$ 7,861,672	\$ (430,171)
October	105,549,557	104,999,380	84,192,936	84,743,112	0.17878	\$ 15,150,374	0.13680	\$ 11,592,858	\$ (3,557,516)
November	92,889,860	84,192,936	120,402,116	129,099,041	0.10727	\$ 13,848,454	0.09953	\$ 12,849,228	\$ (999,227)
December	102,176,318	120,402,116	113,913,890	95,688,091	0.08569	\$ 8,199,512	0.09321	\$ 8,919,087	\$ 719,574
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	1,336,068,649	1,689,583,355	1,680,328,612	1,326,813,905		\$ 138,665,612		\$ 139,127,728	\$ 462,116

Calculated Loss Factor 1.0395

Most Recent Approved Loss Factor for Secondary Metered
Customer < 5,000kW 1.0379

Difference 0.0016

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments
			Principal Adjustment	
Net Change in Principal Balance in the GL (i.e. Transactions in the			on DVA Continuity	If "no", please provide an explanation
Year)	\$ 9,552,315		Schedule	
CT 148 True-up of GA Charges based on Actual Non-RPP				
1a Volumes - prior year	\$ 1,956,654	CR \$1,957k related to prior year but included in the GL in the current year, therefore, should record DR in current year	Yes	
CT 148 True-up of GA Charges based on Actual Non-RPP		CR \$842k relates to current year but recorded in the GL in the following year, therefore, should record the CR in		
1b Volumes - current year	\$ (841,592)	current year	Yes	
2a Remove prior year end unbilled to actual revenue differences	\$ (821.562)	DR \$822k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
Za Romovo prior your one anomica to actual revenue americinese	(621,662)	CR \$567k relates to current year but recorded in the GL in the following year, therefore, should record the CR in	100	
2b Add current year end unbilled to actual revenue differences	\$ (566,756)	current year	Yes	
Remove difference between prior year accrual/unbilled to				
3a actual from load transfers				
Add difference between current year accrual/unbilled to actual				
3b from load transfers				
Significant prior period billing adjustments recorded in current				
3 year	\$ (7,988,841)	(7,989K) relating to 2010 to 2018 Microfit GA adjustment paid to IESO in 2019. This is not a principal adjustment.	No	Has been recorded in current year GL.
4 Differences in actual system losses and billed TLFs				
5 CT 2148 for prior period corrections				
6 Others as justified by distributor				
Adjustment to reallocate amount from Account 1589 to 7 Account 1588	\$ (563,661)	(564K) relating to RPP GA adjustment to be reallocated to Account 1588	Yes	
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	726,557
Note 0	Net Change in Expected GA Balance in the Year Per	Ψ	120,331
	Analysis	\$	462,116
	Unresolved Difference	\$	264,441
	Unresolved Difference as % of Expected GA Payments t	to	
	IESO		0.2%

Ontario Energy Board

GA Analysis Workform Account 1588 and 1589 Principal Adjustment Reconciliation

Note 7 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment								
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application					
1 Remove impacts to GA from prior year RPP Settlement true up process	1,808,419	No	Prior year related					
2 Add impacts to GA from current year RPP Settlement true up process	(1,842,135)	Yes	•					
3 Add current unbilled to actual differences	1,005,879	Yes						
4								
5								
6								
7								
8								
Total	972,163							
Total principal adjustments included in last approved balance	972,163							
Difference	0							

Account 1588 - RSVA F	<u>Power</u>		
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 Reversal of CT 1142 true-up from the previous year	(819,534)	• •	Prior Year Related
2 CT 1142 true-up based on actuals	587,573	Yes	
3			
4			
5			
6			
7			
8			
Total	(231,961)		
Total principal adjustments included in last approved balance	(231,961)		
Difference	·		

Note 8 Principal adjustment reconciliation in current application

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjustment							
Year	Adjustment Description	Amount	Year Recorded in GL					
2018	Reversals of prior approved principal adjustments (auto-populated from table above,							
	1							
	2 Add impacts to GA from current year RPP Settlement true up process	1,842,134.75	2018					
	3 Add current unbilled to actual differences	(1,005,879.00)	2018					
	4							
	5							
	6							
	7							
	8							
	Total Reversal Principal Adjustments	836,256						
2018	Current year principal adjustments							
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(1,956,654)	2019					
	2 Unbilled to actual revenue differences	821,562	2019					
	3							
	4							
	5							
	6							
	7							
	8							
	Total Current Year Principal Adjustments	(1,135,092)						
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(298,836)						

	Account 1589 - RSVA Global Adjus	<u>stment</u>	
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	Reversal of prior year CT-148 true-up of GA Charges based on actual		
	1 Non-RPP volumes	1,956,654	2019
	2 Reversal of Unbilled to actual revenue differences	(821,562)	2019
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustment	s 1,135,092	
2019	Current year principal adjustments	•	
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(841,592)	
	2 Unbilled to actual revenue differences	(566,756)	
	3 Reallocation from Account 1589 to 1588	(563,661)	2020
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustment		
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(836,918)	

	Account 1588 - RSVA Power							
Year	Adjustment Description	Amount	Year Recorded in GL					
2018	Reversals of prior approved principal adjustments (auto-populated from table above)							
	1 2 CT 1142 true-up based on actuals 3	(587,572.55)	2018					
	4 5 6							
	8 Total Reversal Principal Adjustments	(587,573)						
2018	Current year principal adjustments							
	1 CT 148 true-up of GA Charges based on actual RPP volumes							
	2 CT 1142 true-up based on actuals 3 Unbilled to actual revenue differences	893,336	2019					
	4 Reclass to 1533	8,484	2019					
	6 7							
	8 Total Current Year Principal Adjustments	901,820						
	Total Principal Adjustments to be Included on DVA Continuity Schedule	314,247						

	Account 1588 - RSVA Power		
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	Reversal of CT 148 true-up of GA Charges based on actual RPP volumes Reversal of CT 1142 true-up based on actuals Reversal of Unbilled to actual revenue differences	(893,336)	2019
	4 5		
	6 7		
	8 Total Reversal Principal Adjustments	(893,336)	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences	635,573	2020
	4 Reallocation from Account 1589 to 1588	563,661	2020
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments		
	Total Principal Adjustments to be Included on DVA Continuity Schedule	305,898	

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 25

ATTACHMENT 25 GA ANALYSIS WORKFORM BRAMPTON RZ



Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells Drop down cells		
	Utility Name	ALECTRA UTILITIES CORPORATION - BRAMPTON RATE ZONE

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

201

- b) If the account was last approved on an interim basis, and
 - i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR
 - ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.
- (e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a -If 2018 balances were last approved on a final basis Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.
- 2) Complete the GA Analysis Workform for each year generated.
- 3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items

W		Net Change in Principal		Adjusted Net Change in Principal Balance in the	Unresolved	\$ Consumption at	Unresolved Difference as % of Expected GA Payments to
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL	Reconciling Items	GL	Difference	Actual Rate Paid	IESO
2018	\$ (2,165,917)	\$ (2,051,926)	\$ (3,183,674)	\$ (2,617,800)	\$ (451,883)	\$ 119,454,595	-0.4%
2019	\$ 7,750,966	\$ 9,495,096	\$ (2,393,367)	\$ -	\$ (7,750,966)	\$ 127,045,295	-6.1%
Cumulative Balance	\$ 5,585,049	\$ 7,443,170	\$ (5,577,041)	\$ (2,617,800)	\$ (8,202,848)	\$ 246,499,889	N/A

Ontario Energy Board	
GA Analysis Workform	

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR a	e annlicable)

Year		2018		
Total Metered excluding WMP	C = A+B	4,064,033,417	kWh	100%
RPP	A	1,777,142,186	kWh	43.7%
Non RPP	B = D+E	2,286,891,231	kWh	56.3%
Non-RPP Class A	D	1,020,262,018	kWh	25.1%

Mate 2	CA Billing Boto

GA is billed on the	1st Estimate

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month

Yes

Note 4 Analysis of Expected GA Amount Year

2018

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)		\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	117,870,792	113,635,540	112,485,496	116,720,748	0.08777	\$ 10,244,580	0.06736	\$ 7,862,310	\$ (2,382,270)
February	106,727,015	112,485,496	105,805,590	100,047,109	0.07333	\$ 7,336,455	0.08167	\$ 8,170,847	\$ 834,393
March	108,910,949	105,805,590	106,531,349	109,636,708	0.07877	\$ 8,636,083	0.09481	\$ 10,394,656	\$ 1,758,573
April	106,632,312	106,531,349	102,436,955	102,537,918	0.09810	\$ 10,058,970	0.09959	\$ 10,211,751	\$ 152,781
May	107,962,080	102,436,955	106,674,478	112,199,603	0.09392	\$ 10,537,787	0.10793	\$ 12,109,703	\$ 1,571,916
June	111,229,105	106,674,478	107,687,055	112,241,682	0.13336	\$ 14,968,551	0.11896	\$ 13,352,270	\$ (1,616,280)
July	114,216,728	107,687,055	109,399,244	115,928,917	0.08502	\$ 9,856,277	0.07737	\$ 8,969,420	\$ (886,856)
August	114,593,719	109,399,244	111,290,734	116,485,209	0.07790	\$ 9,074,198	0.07490	\$ 8,724,742	\$ (349,456)
September	108,304,962	111,290,734	102,884,165	99,898,393	0.08424	\$ 8,415,441	0.08584	\$ 8,575,278	\$ 159,837
October	103,018,836	102,884,165	100,773,866	100,908,537	0.08921	\$ 9,002,051	0.12059	\$ 12,168,560	\$ 3,166,510
November	93,270,649	100,773,866	110,028,627	102,525,410	0.12235	\$ 12,543,984	0.09855	\$ 10,103,879	\$ (2,440,105)
December	114,589,814	110,028,627	114,444,435	119,005,622	0.09198	\$ 10,946,137	0.07404	\$ 8,811,176	\$ (2,134,961)
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	1,307,326,961	1,289,633,099	1,290,441,994	1,308,135,857		\$ 121,620,512		\$ 119,454,595	\$ (2,165,917)

Calculated Loss Factor 1.0328

Most Recent Approved Loss Factor for Secondary Metered
Customer 5,000kW 1.0314

	Customer < 5,000kW
	Difference
a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.	
	b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Note 5 Reconciling Items

	Item	Amount	Explanation		Principal Adjustments
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (2,051,926)		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year		DR \$593k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year		CR \$27k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
	Remove difference between prior year accrual/forecast to actual from long term load transfers				
	Add difference between current year accrual/forecast to actual from long term load transfers				
	Remove GA balances pertaining to Class A customers				
5	Significant prior period billing adjustments recorded in current year				
6	Differences in GA IESO posted rate and rate charged on IESO invoice				
	Differences in actual system losses and billed TLFs Others as justified by distributor				
10					

Note 6 Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per Analysis \$ (2,165,917) Unresolved Difference Unresolved Difference as % of Expected GA Payments to IESO -0.4%

Ontario Energy Board	
GA Analysis Workform	

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR a	e annlicable)

Year		2019		
Total Metered excluding WMP	C = A+B	3,956,958,393	kWh	100%
RPP	A	1,764,188,973	kWh	44.6%
Non RPP	B = D+E	2,192,769,420	kWh	55.4%
Non-RPP Class A	D	1,035,656,152	kWh	26.2%
Non-RPP Class R*	F	1 157 113 268	kWh	29.2%

Non-RPP Class B ' | E | 1,157,113,268 | KWN | £4.4.79|

Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3	GA Billing Pate	

GA is billed on the	1st Estimate	
Please confirm that the same GA rate is used to	bill all customer classes. If not, please provide further details	Yes
Please confirm that the GA Rate used for unbille	d revenue is the same as the one used for billed revenue in any paticular month	Yes

Note 4 Analysis of Expected GA Amount Year

2019

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	7	K = I*J	L	M = I*L	=M-K
January	105,572,641	114,444,435	106,016,126	97,144,331	0.06741	\$ 6,548,499	0.08092	\$ 7,860,919	\$ 1,312,420
February	105,118,420	106,016,126	80,144,142	79,246,437	0.09657	\$ 7,652,828	0.08812	\$ 6,983,196	\$ (669,632)
March	105,313,377	80,144,142	174,955,343	200,124,578	0.08105	\$ 16,220,097	0.08041	\$ 16,092,017	\$ (128,080)
April	100,646,005	174,955,343	177,153,731	102,844,392	0.08129	\$ 8,360,221	0.12333	\$ 12,683,799	\$ 4,323,578
May	104,623,031	177,153,731	147,991,709	75,461,009	0.12860	\$ 9,704,286	0.12604	\$ 9,511,106	\$ (193,180)
June	94,049,011	147,991,709	158,468,017	104,525,319	0.12444	\$ 13,007,131	0.13728	\$ 14,349,236	\$ 1,342,105
July	101,377,153	158,468,017	130,667,650	73,576,786	0.13527	\$ 9,952,732	0.09645	\$ 7,096,481	\$ (2,856,251)
August	105,629,707	130,667,650	163,059,700	138,021,757	0.07211	\$ 9,952,749	0.12607	\$ 17,400,403	\$ 7,447,654
September	104,990,828	163,059,700	124,324,735	66,255,863	0.12934	\$ 8,569,533	0.12263	\$ 8,124,956	\$ (444,577)
October	94,463,718	124,324,735	85,424,527	55,563,510	0.17878	\$ 9,933,644	0.13680	\$ 7,601,088	\$ (2,332,556)
November	92,889,860	85,424,527	94,691,246	102,156,580	0.10727	\$ 10,958,336	0.09953	\$ 10,167,644	\$ (790,692)
December	95,562,540	94,691,246	97,556,435	98,427,729	0.08569	\$ 8,434,272	0.09321	\$ 9,174,449	\$ 740,177
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	1,210,236,292	1,557,341,362	1,540,453,362	1,193,348,292		\$ 119,294,329		\$ 127,045,295	\$ 7,750,966

		Calculated Loss Factor	1.0313
		Most Recent Approved Loss Factor for Secondary Metered	
		Customer < 5,000kW	1.0314
		Difference	-0.0001
ovide an explanation in the textbox below if columns G and H are not used in the table above.			
	Ĭ	b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%	
	ľ		
	İ		
	İ		
	İ		
	İ		

Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 9,495,096		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year	\$ (27,482)	DR \$27k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
CT 148 True-up of GA Charges based on Actual Non-RPP 1b Volumes - current year	\$ (2,365,885)	CR \$2366k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
2a Remove prior year end unbilled to actual revenue differences				
2b Add current year end unbilled to actual revenue differences				
Remove difference between prior year accrual/unbilled to 3a actual from load transfers				
Add difference between current year accrual/unbilled to actual 3b from load transfers				
Significant prior period billing adjustments recorded in current 3 year				
4 Differences in actual system losses and billed TLFs				
5 CT 2148 for prior period corrections 6 Others as justified by distributor				
7				
8				
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	7,101,729
	Net Change in Expected GA Balance in the Year Per		
	Analysis	\$	7,750,966
	Unresolved Difference	\$	(649,237)
	Unresolved Difference as % of Expected GA Payments t	0	
	IESO		-0.5%

Ontario Energy Board

GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

Note 7 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment				
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application	
1 Remove impacts to GA from prior year RPP Settlement true up process	1,619,355	No	in 2017 for 2016 RPP Sett	
2 CT 148 True-up of GA Charges based on Actual Non-RPP Volumes -	593,356	Yes		
3				
4				
5				
6				
7				
8				
Total	2,212,711			
Total principal adjustments included in last approved balance	2.212.711			
Difference				

Account 1588 - RSVA Power					
		To be Reversed in			
		Current	reversed in current		
Adjustment Description	Amount	Application?	application		
1 RPP settlement true up for prior year but booked in current year	(803,139)	No	I in 2017 for 2016 RPP Sett	lement true up.	
2 RPP settlement true up for current year but booked in subsequent year	179,597	Yes			
3					
4					
5					
6					
7					
8					
Tota	(623,541)			=	
Total principal adjustments included in last approved balance	(623,541)				
Difference					

Note 8 Principal adjustment reconciliation in current application

- Notes

 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjustment						
Year	Adjustment Description	Amount	Year Recorded in GL				
2018	Reversals of prior approved principal adjustments (auto-populated from table above)					
	1						
	2 CT 148 True-up of GA Charges based on Actual Non-RPP Volumes -	(593,355.95)	2018				
	3						
	4						
	5						
	6						
	7						
	8	(500.050)					
0040	Total Reversal Principal Adjustments	(593,356)					
2018	Current year principal adjustments	07.400	2040				
	CT 148 true-up of GA Charges based on actual Non-RPP volumes Unbilled to actual revenue differences	27,482	2019				
	2 Unbilled to actual revenue differences						
	3						
	5						
	6						
	7						
	8						
	Total Current Year Principal Adjustments	27,482					
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(565,874)					

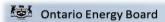
		Account 1589 - RSVA Global Adjustment						
Year		Adjustment Description	Amount	Year Recorded in GL				
2019	Reversals	s of prior year principal adjustments						
		Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes	(27,482)	2019				
		Reversal of Unbilled to actual revenue differences						
	3							
	4							
	5							
	6							
	8							
	_	Total Reversal Principal Adjustments	(27,482)					
2019	Current ye	ear principal adjustments						
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	(2,365,885)	2020				
	2	Unbilled to actual revenue differences						
	3							
	4							
	5							
	6							
	7							
	- 8	7.10 17 51 111 1	(0.005.005)					
		Total Current Year Principal Adjustments	(2,365,885)					
	rotal I	Principal Adjustments to be Included on DVA Continuity Schedule	(2,393,367)					

	Account 1588 - RSVA Power				
Year	Adjustment Description	Amount	Year Recorded i		
2018	Reversals of prior approved principal adjustments (auto-populated from table above)				
	1				
	2 RPP settlement true up for current year but booked in subsequent year	(179,597.31)	2018		
	3				
	4				
	5				
	6				
	7				
	8				
	Total Reversal Principal Adjustments	(179,597)			
2018	8 Current year principal adjustments				
	1 CT 148 true-up of GA Charges based on actual RPP volumes				
	2 CT 1142 true-up based on actuals	(125,925)	2019		
	3 Unbilled to actual revenue differences				
	4 RPP settlement true up for current year but booked in subsequent year				
	5				
	6				
	7				
	8				
	Total Current Year Principal Adjustments	(125,925)			
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(305,523)			

	Account 1588 - RSVA Power		
			Year Recorded in
Year	Adjustment Description	Amount	GL
2019	Reversals of prior year principal adjustments		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals	125,925	2019
	3 Reversal of Unbilled to actual revenue differences		
	4 RPP settlement true up for prior year but booked in current year		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	125,925	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	2,378,104	2020
	3 Unbilled to actual revenue differences		
	4 RPP settlement true up for current year but booked in subsequent year		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	2,378,104	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	2,504,029	

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 26

ATTACHMENT 26 GA ANALYSIS WORKFORM POWERSTREAM RZ



Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells Drop down cells		
	Utility Name	ALECTRA LITH ITIES CORPORATION - POWERSTREAM RATE ZONE

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

2018

- b) If the account was last approved on an interim basis, and
 - i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR
 - ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.
- (e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a -If 2018 balances were last approved on a final basis Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.
- 2) Complete the GA Analysis Workform for each year generated.
- 3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items

							Unresolved
							Difference as %
				Adjusted Net Change in			of Expected GA
		Net Change in Principal		Principal Balance in the	Unresolved	\$ Consumption at	Payments to
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL	Reconciling Items	GL	Difference	Actual Rate Paid	IESO
2019	\$ 6,183,677	\$ 11,175,038	\$ (3,035,270)	\$ -	\$ (6,183,677)	\$ 356,314,312	-1.7%
Cumulative Balance	\$ 6,183,677	\$ 11,175,038	\$ (3,035,270)	\$ -	\$ (6,183,677)	\$ 356,314,312	N/A

Ontario Energy Board			
G	A Anal	ysis W	orkform

Note 2	Concumption Data Excluding	for Lose Eactor (Data	to agree with RRR as applicable)

Year		2019		
Total Metered excluding WMP	C = A+B	8,429,989,265	kWh	100%
RPP	A	3,884,992,552	kWh	46.1%
Non RPP	B = D+E	4,544,996,713	kWh	53.9%
Non-RPP Class A	D	1,386,364,957	kWh	16.4%
Non-RPP Class R*	F	3 158 631 756	kWh	37.5%

Non-RPP Class B' IE Strong Strong Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month

Analysis of Expected GA Amount Year

GA is billed on the

2019

1st Estimate

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	292,286,914			292,286,914	0.06741	\$ 19,703,061	0.08092	\$ 23,651,857	\$ 3,948,796
February	266,492,846			266,492,846	0.09657	\$ 25,735,214	0.08812	\$ 23,483,350	\$ (2,251,865)
March	283,637,173			283,637,173	0.08105	\$ 22,988,793	0.08041	\$ 22,807,265	\$ (181,528)
April	259,052,284			259,052,284	0.08129	\$ 21,058,360	0.12333	\$ 31,948,918	\$ 10,890,558
May	262,521,178			262,521,178	0.12860	\$ 33,760,223	0.12604	\$ 33,088,169	\$ (672,054)
June	268,982,556			268,982,556	0.12444	\$ 33,472,189	0.13728	\$ 36,925,925	\$ 3,453,736
July	301,721,766			301,721,766	0.13527	\$ 40,813,903	0.09645	\$ 29,101,064	\$ (11,712,839)
August	287,276,639			287,276,639	0.07211	\$ 20,715,518	0.12607	\$ 36,216,966	\$ 15,501,447
September	259,574,375			259,574,375	0.12934	\$ 33,573,350	0.12263	\$ 31,831,606	\$ (1,741,744)
October	262,279,969			262,279,969	0.17878	\$ 46,890,413	0.13680	\$ 35,879,900	\$ (11,010,513)
November	265,410,862			265,410,862	0.10727	\$ 28,470,623	0.09953	\$ 26,416,343	\$ (2,054,280)
December	267,814,066			267,814,066	0.08569	\$ 22,948,987	0.09321	\$ 24,962,949	\$ 2,013,962
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	3,277,050,629		-	3,277,050,629		\$ 350,130,636		\$ 356,314,312	\$ 6,183,677

Most Recent Approved Loss Factor for Secondary Metered

Customer < 5,000kW

Difference

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.
Monthly usage were the base for RPP true-up settlement that reflect the true cost of GA for non-RPP Class B.

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than	1%

Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 11,175,038		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year	\$ 5,344,287	CR \$5,344k related to prior year but included in the GL in the current year, therefore, should record DR in current year	Yes	
CT 148 True-up of GA Charges based on Actual Non-RPP 1b Volumes - current year	\$ (3,373,439)	CR \$3,373k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
2a Remove prior year end unbilled to actual revenue differences		DR \$3,052k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
2b Add current year end unbilled to actual revenue differences	\$ (1,954,545)	CR \$1,955k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
Remove difference between prior year accrual/unbilled to 3a actual from load transfers				
Add difference between current year accrual/unbilled to actual 3b from load transfers				
Significant prior period billing adjustments recorded in current 3 year				
4 Differences in actual system losses and billed TLFs				
5 CT 2148 for prior period corrections				
6 Others as justified by distributor				
/				
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	8,139,768
	Net Change in Expected GA Balance in the Year Per		
	Analysis	\$	6,183,677
	Unresolved Difference	\$	1,956,091
	Unresolved Difference as % of Expected GA Payments t	0	
	IESO		0.5%

Ontario Energy Board

GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

Note 7 Breakdown of principal adjustments included in last approved balance:

	Account 1589 - RSVA G	lobal Adjustment		
	Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1				
2	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes -	(5,344,287)	Yes	
3	Remove prior year end unbilled to actual revenue differences	(4,539,888)	No	in 2017 for 2016 RPP Sett
4	Current year end unbilled to actual revenue differences	3,051,573	Yes	
5				
6				
7				
8				
	Total	(6,832,602)		
	Total principal adjustments included in last approved balance	(6,832,602)		
	Difference	0		

	Account 1588 - RSVA P	Power			1
	_		To be Reversed in		1
			Current	reversed in current	
	Adjustment Description	Amount	Application?	application	
1	RPP settlement true up for prior year but booked in current year	3,601,754	No	in 2017 for 2016 RPP Sett	lement tru
2	RPP settlement true up for current year but booked in subsequent year	3,266,054	Yes		
3					
4					
5					
6					
7					
8					
	Total	6,867,808		,	
	Total principal adjustments included in last approved balance	6,867,808			
	Difference	0			

Note 8 Principal adjustment reconciliation in current application

- The Transaction of Column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule). 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule. 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prove approved principal adjustments made in the current disposition period. It should not be impacted by reversals from prove year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjustment									
Year	Adjustment Description	Amount	Year Recorded in GL							
2019	Reversals of prior approved principal adjustments (auto-populated from table above)								
	1									
	2 CT 148 True-up of GA Charges based on Actual Non-RPP Volumes -	5,344,286.58	2019							
	3									
	4 Current year end unbilled to actual revenue differences	(3,051,572.72)	2019							
	5									
	6									
	7									
	8									
	Total Reversal Principal Adjustments	2,292,714								
2019	Current year principal adjustments									
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(3,373,439)	2020							
	2 Unbilled to actual revenue differences	(1,954,545)	2020							
	3									
	4									
	5									
	6									
	7									
	8									
	Total Current Year Principal Adjustments	(5,327,983)								
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(3,035,270)								

	Account 1588 - RSVA Power		
Year	Adjustment Description	Amount	Year Recorded i
2019	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2 RPP settlement true up for current year but booked in subsequent year	(3.266.054.00)	2019
	3	(.,,,	
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(3,266,054)	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	3,373,439	2020
	2 CT 1142 true-up based on actuals	229,874	2020
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	3,603,313	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	337,259	

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 27

ATTACHMENT 27 GA ANALYSIS WORKFORM ENERSOURCE RZ



Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells Drop down cells		
•	Utility Name	ALECTRA UTILITIES CORPORATION - ENERSOURCE RATE ZONE

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

2018

- b) If the account was last approved on an interim basis, and
 - i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR
 - ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.
- (e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

nstructions

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a -If 2018 balances were last approved on a final basis Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.
- 2) Complete the GA Analysis Workform for each year generated.
- 3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items

							Unresolved
							Difference as %
				Adjusted Net Change in			of Expected GA
		Net Change in Principal		Principal Balance in the	Unresolved	\$ Consumption at	Payments to
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL	Reconciling Items	GL	Difference	Actual Rate Paid	IESO
2019	\$ 5,183,235	\$ 4,822,048	\$ 2,577,059	\$ -	\$ (5,183,235)	\$ 298,952,640	-1.7%
Cumulative Balance	\$ 5,183,235	\$ 4,822,048	\$ 2,577,059	\$ -	\$ (5,183,235)	\$ 298,952,640	N/A

Ontario Energy Board	
GA Analysis Workform	

Note 2	Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)

Year		2019		
Total Metered excluding WMP	C = A+B	7,065,043,828	kWh	100%
RPP	A	2,427,130,143	kWh	34.4%
Non RPP	B = D+E	4,637,913,685	kWh	65.6%
Non-RPP Class A	D	1,981,044,369	kWh	28.0%
Non-RPP Class R*	F	2 656 869 316	kWh	37.6%

Note 3	GA Billing Rate	

GA Billing Rate		
GA is billed on the	1st Estimate	
Please confirm that the same GA rate is used to bill all co	ustomer classes. If not, please provide further details	Yes
Please confirm that the GA Rate used for unbilled revenue	e is the same as the one used for billed revenue in any paticular month	Yes

Note 4 Analysis of Expected GA Amount Year

2019

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	243,448,450			243,448,450	0.06741	\$ 16,410,860	0.08092	\$ 19,699,849	\$ 3,288,989
February	222,140,602			222,140,602	0.09657	\$ 21,452,118	0.08812	\$ 19,575,030	\$ (1,877,088)
March	237,987,573			237,987,573	0.08105	\$ 19,288,893	0.08041	\$ 19,136,581	\$ (152,312)
April	215,898,531			215,898,531	0.08129	\$ 17,550,392	0.12333	\$ 26,626,766	\$ 9,076,374
May	216,591,464			216,591,464	0.12860	\$ 27,853,662	0.12604	\$ 27,299,188	\$ (554,474)
June	219,780,622			219,780,622	0.12444	\$ 27,349,501	0.13728	\$ 30,171,484	\$ 2,821,983
July	253,431,928			253,431,928	0.13527	\$ 34,281,737	0.09645	\$ 24,443,509	\$ (9,838,227)
August	243,503,470			243,503,470	0.07211	\$ 17,559,035	0.12607	\$ 30,698,483	\$ 13,139,447
September	220,814,014			220,814,014	0.12934	\$ 28,560,085	0.12263	\$ 27,078,423	\$ (1,481,662)
October	220,495,163			220,495,163	0.17878	\$ 39,420,125	0.13680	\$ 30,163,738	\$ (9,256,387)
November	224,354,756			224,354,756	0.10727	\$ 24,066,535	0.09953	\$ 22,330,029	\$ (1,736,506)
December	233,124,785			233,124,785	0.08569	\$ 19,976,463	0.09321	\$ 21,729,561	\$ 1,753,098
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	2,751,571,357	-	-	2,751,571,357		\$ 293,769,405		\$ 298,952,640	\$ 5,183,235

	Calculated Loss Factor	1.03
	Most Recent Approved Loss Factor for Secondary Metered	
	Customer < 5,000kW	1.036
	Difference	-0.000
a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.		
	b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%	

1.0356

Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 4,822,048		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year	\$ 2,980,120	CR \$2,980k related to prior year but included in the GL in the current year, therefore, should record DR in current year	Yes	
CT 148 True-up of GA Charges based on Actual Non-RPP 1b Volumes - current year	\$ (2,660,968)		Yes	
2a Remove prior year end unbilled to actual revenue differences	\$ (4,266,242)		Yes	
2b Add current year end unbilled to actual revenue differences		DR \$6,524k relates to current year but recorded in the GL in the following year, therefore, should record the DR in current year	Yes	
Remove difference between prior year accrual/unbilled to 3a actual from load transfers				
Add difference between current year accrual/unbilled to actual 3b from load transfers				
Significant prior period billing adjustments recorded in current 3 year				
4 Differences in actual system losses and billed TLFs				
5 CT 2148 for prior period corrections				
6 Others as justified by distributor				
8				
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	7,399,107		
	Net Change in Expected GA Balance in the Year Per				
	Analysis	\$	5,183,235		
	Unresolved Difference	\$	2,215,872		
	Unresolved Difference as % of Expected GA Payments to				
	IESO		0.7%		

Ontario Energy Board

GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

Note 7 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment				
			Explanation if not to	
		To be reversed in	be reversed in current	
Adjustment Description	Amount	current application?	application	
1 Remove impacts to GA from prior year RPP Settlement true up process	(1,063,861)	No	Prior year related	
2 Current year RPP Settlement true up process that are booked in	(2,980,120)	Yes		
3 Remove prior year end unbilled to actual revenue differences	(980,411)	No	Prior year related	
4 Current year end unbilled to actual revenue differences	4,266,242	Yes		
5				
6				
7				
8				
Total	(758,149)			
Total principal adjustments included in last approved balance	(758,149)			
Difference	(0)			

	Account 1588 - RSVA Power			
			To be Reversed in Current	Explanation if not to be reversed in current
	Adjustment Description	Amount	Application?	application
1	CT 1142 true-up based on actuals	1,131,553	Yes	
2	Reversal of CT 1142 true-up from the previous year	(1,501,744)	No	Prior Year Related
3				
4				
5				
6				
7				
8				
	Total	(370,191)		,
	Total principal adjustments included in last approved balance	(370,191)		
	Difference	0		

Note 8 Principal adjustment reconciliation in current application

- The Transaction of Column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule). 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule. 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prove approved principal adjustments made in the current disposition period. It should not be impacted by reversals from prove year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjustment				
Year	Adjustment Description	Amount	Year Recorded in GL		
2019	Reversals of prior approved principal adjustments (auto-populated from table above)				
	1				
	2 Current year RPP Settlement true up process that are booked in	2,980,119.60	2019		
	3				
	4 Current year end unbilled to actual revenue differences	(4,266,242.37)	2019		
	5				
	6				
	7				
	8				
	Total Reversal Principal Adjustme	ents (1,286,123)			
2019	Current year principal adjustments				
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(2,660,968)	2020		
	2 Unbilled to actual revenue differences	6,524,150	2020		
	3				
	4				
	5				
	6				
	7				
	8				
	Total Current Year Principal Adjustme				
	Total Principal Adjustments to be Included on DVA Continuity Schedule	2,577,059			

		Account 1588 - RSVA Power			
Year		Adjustment Description	Amount	Year Recorded in GL	
2019	Reversals of prior approved principal adjustments (auto-populated from table above)				
	1	CT 1142 true-up based on actuals	(1,131,553.00)	2,019	
	2				
	3				
	4				
	5				
	6				
	7				
	8				
		Total Reversal Principal Adjustments	(1,131,553)		
2019	Current y	ear principal adjustments			
	1	CT 148 true-up of GA Charges based on actual RPP volumes			
		CT 1142 true-up based on actuals	2,692,617	2,020	
	3	Unbilled to actual revenue differences			
	4				
	5				
	6				
	7				
	8				
		Total Current Year Principal Adjustments	2,692,617		
	1	Total Principal Adjustments to be Included on DVA Continuity Schedule	1,561,064		

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 28

ATTACHMENT 28 GA ANALYSIS WORKFORM GUELPH RZ



Version 1.9

Account 1589 Global	Adjustment (GA)	Analyeie	Workform

Input cells Drop down cells		
	Litility Namo	ALECTRA LITH ITIES CORPORATION. CLIEF DL BATE ZONE

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

b) If the account was last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR

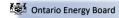
ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition

on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

Instructions:

		Net Change in Principal			Princ	sted Net Change in cipal Balance in the	ι		\$ Consumption a	
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL		Reconciling Items		GL		Difference	Actual Rate Paid	Payments to IESO
2018	\$ (68,191)	\$ (2,229,9		\$ 2,090,089	\$	(139,811)	\$	(71,620)	\$ 34,538,348	-0.2%
2019	\$ 798,580	\$ 2,601	202	\$ (1,822,241)	\$	778,961	\$	(19,619)	\$ 38,304,074	-0.1%
Cumulative Balance	\$ 730,389	\$ 371,	302	\$ 267,848	\$	639,150	\$	(91,238)	\$ 72,842,422	N/A



GA Analysis Workform

Account 1589 Global Adjustment (GA) Analysis Workform

	Input cells Drop down cells	
Note 1	Year(s) Requested for Disposition	2018

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)

Year		2018		
Total Metered excluding WMP	C = A+B	1,671,900,470	kWh	100%
RPP	A	532,946,022	kWh	31.9%
Non RPP	B = D+E	1,138,954,449	kWh	68.1%
Non-RPP Class A	D	779,216,990	kWh	46.6%
Non-RPP Class B*	E	359,737,459	kWh	21.5%

^{*}Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the

GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 GA Billing Rate

GA is billed on the 1st Estimate

GA Billing Rate Description

Guelph RZ bills customers based on the GA first estimate, and the IESO charges GA based on actual GA rates. Guelph RZ applies GA first estimate on all billing and unbilled revenue transactions for non-RPP Class B customers in each customer class.

Note 4 Analysis of Expected GA Amount

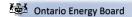
Year	2018	1							
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	33,367,896	33,115,105	23,548,237	23,801,029	0.08777	\$ 2,089,016	0.06736	\$ 1,603,237	-\$ 485,779
February	33,760,540	23,548,237	21,111,720	31,324,023	0.07333	\$ 2,296,991	0.08167	\$ 2,558,233	\$ 261,242
March	33,077,199	21,111,720	24,388,102	36,353,581	0.07877	\$ 2,863,572	0.09481	\$ 3,446,683	\$ 583,111
April	31,382,198	24,388,102	22,181,728	29,175,824	0.09810	\$ 2,862,148	0.09959	\$ 2,905,620	\$ 43,472
May	36,708,619	22,181,728	23,209,095	37,735,986	0.09392	\$ 3,544,164	0.10793	\$ 4,072,845	\$ 528,681
June	31,525,927	23,209,095	22,196,010	30,512,842	0.13336	\$ 4,069,193	0.11896	\$ 3,629,808	-\$ 439,385
July	31,394,699	22,196,010	23,162,790	32,361,479	0.08502	\$ 2,751,373	0.07737	\$ 2,503,808	-\$ 247,565
August	33,669,953	23,162,790	21,464,531	31,971,694	0.07790	\$ 2,490,595	0.07490	\$ 2,394,680	-\$ 95,915
September	27,061,113	21,464,531	19,789,981	25,386,563	0.08424	\$ 2,138,564	0.08584	\$ 2,179,183	\$ 40,619
October	31,394,962	19,789,981	21,082,926	32,687,907	0.08921	\$ 2,916,088	0.12059	\$ 3,941,835	\$ 1,025,747
November	27,030,332	21,082,926	24,055,452	30,002,858	0.12235	\$ 3,670,850	0.09855	\$ 2,956,782	-\$ 714,068
December	28,815,169	24,055,452	26,920,932	31,680,650	0.09198	\$ 2,913,986	0.07404	\$ 2,345,635	-\$ 568,351
Net Change in Expected GA									
Balance in the Year (i.e. Transactions in the Year)	379 188 607	279 305 674	273 111 502	372 994 435		\$ 34 606 539		\$ 34 538 348	-\$ 68 191

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Guelph's December 2018 unbilled estimate for Non-RPP Class B consumption was higher than the actuals, which caused the 2018 calculated loss factor to be higher than Guelph's approved loss factor.

Note 5 Reconciling Items

(i.e. Ti True 1a Actu True Actu 1b year Rem 2a actu Add 2b reve Rem accr 3a term Add accr	ie in Principal Balance in the GL Transactions in the Year) ie-up of GA Charges based on ual Non-RPP Volumes - prior year eu-up of GA Charges based on ual Non-RPP Volumes - current ar move prior year end unbilled to ual revenue differences d current year end unbilled to ual revenue differences or undifferences rowe difference between prior year rual/lorecast to actual from long noat transfers d difference between current year uall/forecast to actual from long	-\$ 2,229,900 \$ 145,888 \$ 220,196	GA RPP true-up was done monthly and Dec 2017 true-up (payment from IESO) was included in the 1589 balance disposed in 2019 IRM (see Tab "Rec Item 1a&b - GA Trueup") \$145,888 payment from IESO. GA RPP true-up was done monthly and Dec 2018 was not included in the 1589 balance (see Tab "Rec Item 1a&b - GA Trueup") \$220,196 payment to IESO.	Principal Adjustment on DVA Continuity Schedule Yes	If "no", please provide an explanation
1a Actu True Actu 1b year Rem 2a actu Add 2b reve Rem accr 3a term Add accr	uual Non-RPP Volumes - prior year ue-up of GA Charges based on tutal Non-RPP Volumes - current ar move prior year end unbilled to ual revenue differences de current year end unbilled to actual enue differences between prior year rual/forecast to actual from long in load transfers difference between current year	· · · · · · · · · · · · · · · · · · ·	1589 balance disposed in 2019 IRM (see Tab "Rec Item 1a&b - GA Trueup") \$145,888 payment from IESO. GA RPP true-up was done monthly and Dec 2018 was not included in the 1589 balance (see Tab "Rec		
Actu 1b year Rem 2a actu Add 2b reve Rem accr 3a term Add accr	tual Non-RPP Volumes - current ar armove prior year end unbilled to ual revenue differences de current year end unbilled to actual enue differences moves difference between prior year crual/forecast to actual from long in defiference between current year d difference between current year	\$ 220,196		Yes	
2a actu Add 2b reve Rem accr 3a term Add accr	ual revenue differences d current year end unbilled to actual renue differences move difference between prior year zrual/forecast to actual from long m load transfers d difference between current year				
2b reve Rem accr 3a term Add accr	renue differences move difference between prior year crual/forecast to actual from long m load transfers d difference between current year				
3a term Add accr	m load transfers d difference between current year				
accr					
	m load transfers				
	move GA balances pertaining to ass A customers				
	inificant prior period billing lustments recorded in current year				
	ferences in GA IESO posted rate d rate charged on IESO invoice	\$ 131.591	2018 IESO adjustments pertaining to non-RPP -Tab IESO Invoice Adjustments 2018, cell H27	No	This Non-RPP portion of IESO Invoice adjustments is already recorded in GL when IESO Invoice is received. Therefore it is already on the Cost side of Acct 1589 and n Principal Adjustment required.
Diffe	ferences in actual system losses d billed TLFs				
	ferences in GA IESO posted rate d rate charged on IESO invoice	-\$ 414,493	GRZ 2019 IRM (EB-2018-0036) 2017 IESO adjustments pertaining to RPP booked as a debit in 1589 on December 2018 - Please see file Guelph_IESO Invoice Adjustments Analysis, Tab IESO Invoice Adjustments 2017, Table 4, cell H25;	Yes	
	ferences in GA IESO posted rate d rate charged on IESO invoice	\$ 223,075	2018 IESO adjustments pertaining to RPP - Please see Tab IESO Invoice Adjustments 2018, Table 4, cell H26;	Yes	
GA f	ference between UBR calculated at first estimate rate vs. GA weighted grage rate	\$ 195.290	December 2017 UBR: Difference between UBR calculated at GA first estimate rate vs. GA weighted average rate - please see Tab. GA Detailed Analysis, Table 5	No	The Unbilled GA at weighted average rate was booked to t GL. This reconciling item represents the impact/difference between Unbilled at the weighted average rate vs. 1st Estimate rate used in the Expected GA Amount table (Note 4). No Principal Adj required.
Diffe GA 1	ference between UBR calculated at first estimate rate vs. GA weighted erage rate		December 2018 UBR:Difference between UBR calculated at GA first estimate rate vs. GA weighted average rate - please see Tab. GA Detailed Analysis, Table 5		The Unbilled GA at weighted average rate was booked to GL. This reconciling item represents the impact/difference between Unbilled at the weighted average rate vs. 1st Estimate rate used in the Expected GA Amount table (Not 4). No Principal Adj required.
The	e billing cycle is not on a calendar onth	\$ 687,910	The billing cycle is not on a calendar month for most customers; our billing system uses a weighted average daily rate for applying Global Adjustment to bills	No	Billed GA is booked to the GL on the Revenue side of Acc 1589. This reconciling item represents the impact of billed GA vs. the Expected GA Amount table (Note 4). No Princi Adjustment required.
13 and	ferences in GA IESO posted rate d rate charged on IESO invoice rrection to UBR for RPP	\$ 819,662	GRZ 2019 IRM (EB-2018-0036) 2017 IESO adjustments pertaining to non-RPP - Please see file Guelph, IESO Invoice Adjustments Analysis, Tab IESO Invoice Adjustments 2017, Table 4, cell H26 GRZ corrected the query for URB and reconciled kWhs for GA true-up for 2017 and Jan. to May 2018;	No	This Non-RPP portion of IESO Invoice adjustments is already recorded in GL when IESO Invoice is received. Therefore it is already on the Cost side of Acct 1589 and n Principal Adjustment required.
14 cons	nsumption ljusted Net Change in Principal	-\$ 113,562	the result was that the amount of \$113,562 pertaining to 2017 RPP GA true-up was debited to 1589.	Yes	



GA Analysis Workform

Account 1589 Global Adjustment (GA) Analysis Workform

Note 1 Vegre Pagueted for Disposition 2019		Input cells Drop down cells	
	Note 1	Year(s) Requested for Disposition	2019

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)

Year		2019		
Total Metered excluding WMP	C = A+B	1,625,104,606	kWh	100%
RPP	A	529,133,769	kWh	32.6%
Non RPP	B = D+E	1,095,970,837	kWh	67.4%
Non-RPP Class A	D	748,588,669	kWh	46.1%
Non-RPP Class B*	E	347,382,168	kWh	21.4%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Relance table below. The difference should be equal to the loss factor.

Note 3 GA Billing Rate

GA is billed on the 1st Estimate

GA Billing Rate Description

Guelph RZ bills customers based on the GA first estimate, and the IESO charges GA based on actual GA rates. Guelph RZ applies GA first estimate on all billing and unbilled revenue transactions for non-RPP Class B customers in each customer class.

Note 4 Analysis of Expected GA Amount

Year	2019								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	29,980,845	26,920,932	26,294,394	29,354,307	0.06741	\$ 1,978,774	0.08092	\$ 2,375,351	\$ 396,577
February	29,868,863	26,294,394	26,485,887	30,060,356	0.09657	\$ 2,902,929	0.08812	\$ 2,648,919	-\$ 254,010
March	30,822,271	26,485,887	20.558.349	24.894.733	0.08105	\$ 2.017.718	0.08041	\$ 2,001,785	-\$ 15,933
April	27,815,143	20,558,349	17,781,165	25,037,958	0.08129	\$ 2,035,336	0.12333		\$ 1,052,596
May	31,261,122	17,781,165	13,797,954	27,277,912	0.12860	\$ 3,507,939	0.12604	\$ 3,438,108	-\$ 69,831
June	21,854,188	13,797,954	22,630,679	30,686,912	0.12444	\$ 3,818,679	0.13728	\$ 4,212,699	\$ 394,020
July	27,271,718	22,630,679	24,146,313	28,787,352	0.13527	\$ 3,894,065	0.09645	\$ 2,776,540	-\$ 1,117,525
August	31,536,157	24,146,313	24,738,138	32,127,983	0.07211	\$ 2,316,749	0.12607	\$ 4,050,375	\$ 1,733,626
September	32,292,641	24,738,138	27,201,721	34,756,223	0.12934	\$ 4,495,370	0.12263	\$ 4,262,156	-\$ 233,214
October	30,968,681	27,201,721	20,113,187	23,880,147	0.17878	\$ 4,269,293	0.13680	\$ 3,266,804	-\$ 1,002,489
November	29,509,305	20,113,187	27,642,935	37,039,053	0.10727	\$ 3,973,179	0.09953	\$ 3,686,497	-\$ 286,682
December	30,287,862	27,642,935	24,143,067	26,787,994	0.08569	\$ 2,295,463	0.09321	\$ 2,496,909	\$ 201,446
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	353 468 797	278 311 655	275 533 790	350 690 931		\$ 37 505 494		\$ 38 304 074	\$ 798 580

 Calculated Loss Factor
 1.0095

 Most Recent Approved Loss Factor for Secondary
 1.026

 Difference
 -1.6%

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Guelph's December 2018 unbilled estimate for Non-RPP Class B consumption was higher than the actuals, which caused the 2018 calculated loss factor to be higher than Guelph's approved loss factor. When the December 2018 unbilled estimate reversed in 2019, this caused the 2019 loss factor to be lower than Guelph's approved loss factor.

Note 5 Reconciling Items

item		if it is	unt (Quantify s a significant enciling item)	Explanation	Principal	rincipal Adjustments
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the Year)	\$	2,601,202		Adjustment on DVA Continuity	If "no", please provide an explanation
	Remove impacts to GA from prior year RPP Settlement true up process that are booked in current year	-\$	220,196.07	DR \$220k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
	Add impacts to GA from current year RPP Settlement true up process that are booked in subsequent year	-\$	188,031.29		Yes	
2a	Remove prior year end unbilled to actual revenue differences			DR \$k related to prior year but included in the GL in the current year, therefore, should record CR in current year		
2b	Add current unbilled to actual revenue differences	-\$		DR \$1,414k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
	Remove difference between prior year accrual to forecast from long term load transfers			No difference between prior year accrual to forecast from long term load transfers		
	Add difference between current year accrual to forecast from long term load transfers			No difference between current year accrual to forecast from long term load transfers		
	Remove GA balances pertaining to Class A customers			Insignificant amount relating to Class A customers		
	Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis			No significant prior period billing adjustments		
	Differences in GA IESO posted rate and rate charged on IESO invoice			Not a reconciling item		
7 8						
9 10						

Ontario Energy Board

GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

Account 1589 - RSVA Global Adjustment									
			Explanation if not to						
		To be reversed in	be reversed in current						
Adjustment Description	Amount	current application?	application						
1 Prior year (2017) RPP GA True-up recorded in 2018	(145,888)	Yes							
2 RPP portion of 2017 IESO Invoice Adjustments returned to IESO in 2018	414,493	Yes							
3 Prior year (2016) RPP GA True-up recorded in 2017	(54,994)	No	Related to Prior Year						
4									
5									
6									
7									
8									
Total	213,611								
Total principal adjustments included in last approved balance	213,611								
Difference	0								

	Account 1588 - RSVA F	Power		
	Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1				
2				
3				
4				
5				
6				
7				
8				
	Total	-		
	Total principal adjustments included in last approved balance			
l l	Difference	_		

Note 8 Principal adjustment reconciliation in current application

- Notes
 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjustm	ent	
Year	Adjustment Description	Amount	Year Recorded in GL
2018	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1 Prior year (2017) RPP GA True-up recorded in 2018	145,888	2018
	2 RPP portion of 2017 IESO Invoice Adjustments returned to IESO in 2018	(414,492.76)	2018
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustm	ents (268,605)	
2018	Current year principal adjustments	•	
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	220,196	2019
	2 Unbilled to actual revenue differences		
	3 RPP portion of 2018 IESO Invoice Adjustments returned to IESO in 2019	223,075	2019
	Correction to Unbilled Revenue query for RPP consumption allocation for period of		
	4 January 2017 to May 2018	(113,562)	2019
	5 GA Impact of adopting OEB 1588 & 1589 accounting guidance for prior periods 201	17 & (23,739)	2019
	6		
	7		
	8		
	Total Current Year Principal Adjustm	ents 305,969	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	37.364	

	Account 1589 - RSVA Global Adjustment		
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes	(220,196)	2019
	2 Reversal of Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(220,196)	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(188,031)	2020
	2 Unbilled to actual revenue differences	(1,414,014)	2020
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(1,602,045)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(1,822,241)	

		Account 1588 - RSVA Power		
Year		Adjustment Description	Amount	Year Recorded in GL
2018	Reversals	of prior approved principal adjustments (auto-populated from table above)		
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments		
2018		ear principal adjustments		
		CT 148 true-up of GA Charges based on actual RPP volumes		
		CT 1142 true-up based on actuals		
	3	Unbilled to actual revenue differences		
		Impact of adopting OEB 1588 & 1589 accounting guidance vs. IESO claims for		
	4	years 2017 and 2018	1,736,852	2,019
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	1,736,852	
	1	Total Principal Adjustments to be Included on DVA Continuity Schedule	1.736.852	

	Account 1588 - RSVA Power		
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	Reversal of CT 148 true-up of GA Charges based on actual RPP volumes Reversal of CT 1142 true-up based on actuals		
ì	3 Reversal of Unbilled to actual revenue differences		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	54,586	2020
	2 CT 1142 true-up based on actuals		
ì	3 Unbilled to actual revenue differences		
ì	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	54,586	
ì	Total Principal Adjustments to be Included on DVA Continuity Schedule	54,586	

			1st Tru	e-up				2nd T	rue	-up	
	G	A True-up	Payment	RPP True-up	Payment	0	A True-up	Payment	R	PP True-up	Payment
Jan-19	\$	(105,937.02)	To IESO	\$ (1,862.57)	To IESO	\$	4,236.58	From IESO	\$	(27,856.10)	To IESO
Feb-19	\$	268,057.03	From IESO	\$ (1,589.97)	To IESO	\$	5,028.79	From IESO	\$	(6,851.13)	To IESO
Mar-19	\$	222,950.29	From IESO	\$ (1,534.14)	To IESO	\$	(427.85)	To IESO	\$	(18,328.85)	To IESO
Apr-19	\$	(61,919.37)	To IESO	\$ (767.32)	To IESO	\$	(35,056.14)	To IESO	\$	30,631.82	From IESO
May-19	\$	(151,088.97)	To IESO	\$ (360.11)	To IESO	\$	508,405.37	From IESO	\$	(334,176.39)	To IESO
Jun-19	\$	(702,776.74)	To IESO	\$ 145,652.72	From IESO	\$	291,241.24	From IESO	\$	(192,758.98)	To IESO
Jul-19	\$	433,478.35	From IESO	\$ (1,434.97)	To IESO	\$	78,239.87	From IESO	\$	(147,953.72)	To IESO
Aug-19	\$	787,132.14	From IESO	\$ (1,124.00)	To IESO	\$	(10,105.30)	To IESO	\$	(49,574.03)	To IESO
Sep-19	\$ (1,689,691.73)	To IESO	\$ (10,177.11)	To IESO	\$	(21,007.63)	To IESO	\$	(27,677.91)	To IESO
Oct-19	\$	724,012.37	From IESO	\$ (1,575.08)	To IESO	\$	64,596.10	From IESO	\$	(33,472.95)	To IESO
Nov-19	\$	(68,102.48)	To IESO	\$ (3,102.04)	To IESO	\$	(23,640.08)	To IESO	\$	25,180.06	From IESO
Dec-19	\$	128,005.69	From IESO	\$ (1,580.62)	To IESO	\$	83,665.68	From IESO	\$	(78,185.04)	To IESO

2nd True-up filed in January 2020 1st True-up filed in January 2020; 2nd True-up filed in February 2020

GA true-up

Based on CIS Billed Revenue Query

2017	Kwh submitted	Actual UBR Billed (latter half of load month) kWh	kWh Actual (accrued for UBR)	Estimated GA Rate	Actual GA Rate	Settled Amount including initial true up	Actual Billed (load month) GA Amount	Actual True-Up [\$] based on Actual UBR minus estimated UBR
January	46,009,323.42	26,251,504.24	50,996,363.80	\$0.08677	\$0.08227	\$3,785,187.04	\$4,195,470.85	\$410,283.81 Payment from IESO
February	41,951,279.31	22,367,555.52	38,067,330.59	\$0.08430	\$0.08639	\$3,624,171.02	\$3,288,636.69	-\$335,534.33 payment to IESO
March	50,191,187.59	19,720,330.32	47,543,962.39	\$0.06886	\$0.07135	\$3,581,141.23	\$3,392,261.72	-\$188,879.52 payment to IESO
April	35,981,326.34	23,978,743.39	40,239,739.41	\$0.10218	\$0.10778	\$3,878,067.35	\$4,337,039.11	\$458,971.76 Payment from IESO
May	42,862,231.72	17,285,944.31	36,169,432.64	\$0.12776	\$0.12307	\$5,275,054.86	\$4,451,372.08	-\$823,682.78 payment to IESO
June	34,873,658.48	23,428,339.59	41,016,053.76	\$0.12563	\$0.11848	\$4,131,831.06	\$4,859,582.05	\$727,750.99 Payment from IESO
July	42,291,201.66	24,789,047.84	43,651,909.91	\$0.10197	\$0.11280	\$4,770,447.55	\$4,923,935.44	\$153,487.89 Payment from IESO
August	46,053,694.59	20,170,905.13	41,435,551.88	\$0.10476	\$0.10109	\$4,655,567.99	\$4,188,719.94	-\$466,848.05 payment to IESO
September	40,314,060.14	25,962,448.68	46,105,603.69	\$0.09895	\$0.08864	\$3,573,438.29	\$4,086,800.71	\$513,362.42 Payment from IESO
October	41,825,474.41	23,337,393.08	39,200,418.81	\$0.11973	\$0.12563	\$5,254,534.35	\$4,924,748.62	-\$329,785.74 payment to IESO
November	39,696,378.06	21,264,463.86	37,623,448.84	\$0.09669	\$0.09704	\$3,852,136.53	\$3,650,979.48	-\$201,157.05 payment to IESO
December	41,999,774.21	25,847,467.62	46,582,777.97	\$0.09669	\$0.09207	\$4,060,958.17	\$4,288,876.37	\$227,918.20 Payment from IESO
Total	504,049,589.93	274,404,143.58	508,632,593.69			\$50,442,535.43	\$50,588,423.04	\$145,887.61

2018	Kwh submitted	Actual UBR Billed (latter half of load month) kWh	kWh Actual (accrued for UBR)	Estimated GA Rate	Actual GA Rate	Settled-to-date Amount	Actual Billed (load month) GA Amount	Actual True-Up [\$] based on Actual UBR minus estimated UBR
January	56,569,523.43	30,429,369.42	59,479,867.35	\$ 0.06370	\$ 0.06736	\$3,603,478.64	\$4,006,563.86	\$403,085.22 Payment from IESO
February	40,556,702.60	24,644,704.53	34,772,037.71	\$ 0.07705	\$ 0.08167	\$3,124,893.94	\$2,839,832.32	-\$285,061.62 Payment to IESO
March	53,934,499.25	26,988,020.20	56,277,814.92	\$ 0.08595	\$ 0.09481	\$4,635,670.21	\$5,335,699.63	\$700,029.42 Payment from IESO
April	35,163,117.45	22,934,217.22	31,109,314.47	\$ 0.10074	\$ 0.09959	\$3,542,332.45	\$3,098,176.63	-\$444,155.82 Payment to IESO
May	50,874,921.53	24,193,863.06	52,134,567.37	\$ 0.13199	\$ 0.10793	\$6,714,980.89	\$5,626,883.86	-\$1,088,097.04 Payment to IESO
June	38,291,731.07	23,110,535.50	37,208,403.51	\$ 0.10239	\$ 0.11896	\$3,920,690.34	\$4,426,311.68	\$505,621.34 Payment from IESO
July	47,240,242.68	27,404,310.54	51,534,017.72	\$ 0.08123	\$ 0.07737	\$3,837,324.91	\$3,987,186.95	\$149,862.04 Payment from IESO
August	53,137,660.06	30,050,554.59	55,783,904.11	\$ 0.07324	\$ 0.07490	\$3,891,802.22	\$4,178,214.42	\$286,412.20 Payment from IESO
September	40,416,553.20	25,348,339.88	35,714,338.49	\$ 0.08660	\$ 0.08584	\$3,500,073.51	\$3,065,718.82	-\$434,354.69 Payment to IESO
October	53,737,551.37	24,644,897.89	53,034,109.38	\$ 0.11998	\$ 0.12059	\$6,447,431.41	\$6,395,383.25	-\$52,048.16 Payment to IESO
November	39,457,654.88	30,021,089.24	44,833,846.23	\$ 0.10540	\$ 0.09855	\$4,158,836.82	\$4,418,375.55	\$259,538.72 Payment from IESO
December	36,698,003.36	25,376,730.28	32,053,644.40	\$ 0.07067	\$ 0.07404	\$2,593,447.90	\$2,373,251.83	-\$220,196.07 Payment to IESO

2018 Global Adjustment Analysis

Input cells					
Allocation Method for Class B RSVA-Global Adjustment.					1
Total Metered excluding WMP	C = A+B	1,671,900,470	kWh	100%	remove wmp
RPP	A	532,946,022	kWh	31.9%	
Non RPP	B = D+E	1,138,954,449	kWh	68.1%	remove WMP
Non-RPP Class A	D	779,216,990	kWh	46.6%	
Non-RPP Class B*	E	359,737,459	kWh	21.5%	i

	Class B (Non RPP and Non Class A) RSVA GA Analysis - Allocation Method											
	Billed Class B Non-					UBR true-up	First Estimate GA					
	RPP Spot	Actual Month	Previous Month	UBR trued-up	kWh True-up	\$	Rate	Actual GA Rate		Class B Non-RPP	Class B Non-RPP	Est. Variance
	kWh *	Unbilled kWh	Unbilled kWh	kWh		2	\$/kWh	\$/kWh	\$/kWh	@ 1st Estimate GA	@ Actual GA	Retail less Final
	A - Done	B- Done	C - Done	D=B-C - Done	E=A+B-C - Done	F - Done	G - Done	H - Done	I=G-H - Done	J=E x G	K=E x H	L=K-J
lec-17												
lan-18	33,367,896	23,548,237	33,115,105	(9,566,868)	23,801,029	(\$711,860)	\$0.08777	\$0.06736	\$0.02041	\$2,089,016	\$1,603,237	(\$485,779)
eb-18	33,760,540	21,111,720	23,548,237	(2,436,517)	31,324,023	(\$518,706)	\$0.07333	\$0.08167	(\$0.00834)	\$2,296,991	\$2,558,233	\$261,242
/ar-18	33,077,199	24,388,102	21,111,720	3,276,382	36,353,581	\$372,928	\$0.07877	\$0.09481	(\$0.01604)	\$2,863,572	\$3,446,683	\$583,111
Apr-18	31,382,198	22,181,728	24,388,102	(2,206,374)	29,175,824	\$254,977	\$0.09810	\$0.09959	(\$0.00149)	\$2,862,148	\$2,905,620	\$43,472
tay-18	36,708,619	23,209,095	22,181,728	1,027,367	37,735,986	\$3,771	\$0.09392	\$0.10793	(\$0.01401)	\$3,544,164	\$4,072,845	\$528,681
lun-18	31,525,927	22,196,010	23,209,095	(1,013,085)	30,512,842	\$780,262	\$0.13336	\$0.11896	\$0.01440	\$4,069,193	\$3,629,808	(\$439,385)
Jul-18	31,394,699	23,162,790	22,196,010	966,780	32,361,479	(\$990,759)	\$0.08502	\$0.07737	\$0.00765	\$2,751,373	\$2,503,808	(\$247,565)
ug-18	33,669,953	21,464,531	23,162,790	(1,698,259)		(\$297,213)	\$0.07790	\$0.07490	\$0.00300	\$2,490,595	\$2,394,680	(\$95,915)
ep-18	27,061,113	19,789,981	21,464,531	(1,674,550)	25,386,563	(\$4,979)	\$0.08424	\$0.08584	(\$0.00160)	\$2,138,564	\$2,179,183	\$40,619
Oct-18	31,394,962	21,082,926	19,789,981	1,292,945	32,687,907	\$213,700	\$0.08921	\$0.12059	(\$0.03138)	\$2,916,088	\$3,941,835	\$1,025,747
Vov-18	27,030,332	24,055,452	21,082,926	2,972,526	30,002,858	\$1,062,377	\$0.12235	\$0.09855	\$0.02380	\$3,670,850	\$2,956,782	(\$714,068)
Dec-18	28,815,169	26,920,932	24,055,452	2,865,481	31,680,650	(\$466,997)	\$0.09198	\$0.07404	\$0.01794	\$2,913,986	\$2,345,635	(\$568,351)
	379,188,607	273,111,502	279,305,674	(6,194,172)	372,994,435	(302,501)	\$0.09300	\$0.09180	\$0.00120	\$34,606,539	\$34,538,348	(\$68,191)
										20	18 IRM Rate Continui	
	Table 5 The Difference Retw											Difference

Table 5
The Difference Between the Actual UBR and UBR calculated at lat Estimate
GA Rate
Posted Ist estimate Difference
31-Dec-17 5,2373/378.0 2 5,2778.08842 5195,288.00
31-Dec-18 \$ 2.670,720.25 5,2475,187.36 5194,532.89

90001		UELPH HYDRO sumption Maintenan	4/01/16 ce 09:50:46
	Select Date Ram	nge for Average Ca	lculation
			8
Cumulative	ost from 1/15/18		413,334,801.7344
			406,738,382.3844
Cumulative	consumption from 1	/15/18 (C) . :	9,863,456,978.00

UT790U01	GUELPH HYDRO Daily Consumption Maintenan	4/01/19 ce 09:47:19					
	Daily Consumption Maintenan	ce 09:47:19					
Service : N NON COMPETITIVE CHG							
	Select Date Range for Average Ca	lculation					
		9					
		485,357,180.6444					
		479,678,652.1244					
	sumption from 1/15/19 (C). :	10,648,907,338.00					
		10,578,014,700.00					
	B) / (C - D)) :	.080100					

	M=N+BxG-(CxH at previous month rate)	N			
	Billed 1st estimate (query)+UBR true- up	Query - Billed	Billed Average Rate	1st estimate	Monthly average GA rate billed to customers in 2018
	\$2.282.325.56	\$2,994,185	\$0.08973	\$0.08777	
	\$2,409,117.37	\$2,927,824	\$0.08672	\$0.07333	\$0.08055
	\$2,910,144.81	\$2,537,216	\$0.07671	\$0.07877	\$0.07605
	\$2,707,679.60	\$2,452,703	\$0.07816	\$0.09810	\$0.08844
	\$3,448,242.52	\$3,444,472	\$0.09383	\$0.09392	\$0.09601
	\$3,163,622.77	\$2,383,361	\$0.07560	\$0.13336	\$0.11364
۱	\$2,889,898.29	\$3,880,658	\$0.12361	\$0.08502	\$0.10919
	\$2,847,818.40	\$3,145,032	\$0.09341	\$0.07790	\$0.08146
	\$2,139,670.68	\$2,144,650	\$0.07925	\$0.08424	\$0.08107
	\$2,815,913.72	\$2,602,214	\$0.08289	\$0.08921	\$0.08673
	\$3,467,991.79	\$2,405,615	\$0.08900	\$0.12235	\$0.10578
	\$2,836,203.25	\$3,303,200	\$0.11463	\$0.09198	\$0.10717
: [\$33,918,628.77	\$34,221,130			
ı	\$687,910				

GA	Queried \$	Queried kWh	1st Estimate	UBR at 1st Estimate \$
L2	117.89	1,095.96	\$0.09198	100.81
L3	1,282,920.28	12,622,705.80	\$0.09198	1,161,036.48
L4	1,360,240.83	12,752,928.52	\$0.09198	1,173,014.37
L5	2,243,708.77	22,671,907.45	\$0.09198	2,085,362.05
L6	71,063.96	772,602.31	\$0.09198	71,063.96
L7	-	-	\$0.09198	-
L9	355,947.52	3,476,422.62	\$0.09198	319,761.35
Non-RPP Class B GA	\$ 2,670,720.25	-		\$ 2,476,187.36

0 @ 1st Estimate GA rate Posted ^

\$ 194,532.89

Source: http://www.ieso.ca/sector-participants/settlements/global-adjustment-for-class-b

Month	1st Estimate GA	Actual GA
	\$/kWh	\$/kWh
Jan-17	0.06687	0.08227
Feb-17	0.10559	0.08639
Mar-17	0.08409	0.07135
Apr-17	0.06874	0.10778
May-17	0.10623	0.12307
Jun-17	0.11954	0.11848
Jul-17	0.10652	0.11280
Aug-17	0.11500	0.10109
Sep-17	0.12739	0.08864
Oct-17	0.10212	0.12563
Nov-17	0.11164	0.09704
Dec-17	0.08391	0.09207
Jan-18	0.08777	0.06736
Feb-18	0.07333	0.08167
Mar-18	0.07877	0.09481
Apr-18	0.09810	0.09959
May-18	0.09392	0.10793
Jun-18	0.13336	0.11896
Jul-18	0.08502	0.07737
Aug-18	0.07790	0.07490
Sep-18	0.08424	0.08584
Oct-18	0.08921	0.12059
Nov-18	0.12235	0.09855
Dec-18	0.09198	0.07404

Alectra Utilities - Guelph Rate Zone 2020 IRM Application EB-2019-0018

IESO Invoice Adjustment Analysis

1. Expected CT148 Calculated vs. per IESO Invoices

Month	AQEW	EG	Class A	Loads pertaining to Class B (CT148)	IESO Actual GA Rate on website	Expected GA Charges Class B CT148 \$ (Calculated)	CT 148 \$ per IESO Invoice	Difference	RPP (Including Loss Factor) Billed Consumption adjusted for Unbilled	Estimated RPP Proportion	Adjustments pertaining to RPP	Adjustments pertaining to non- RPP Class B
	kWh	kWh	kWh	kWh	\$/kWh	\$	\$	\$	kWh	%	\$	\$
	Α	В	С	D=A+B-C	E	F=D X E	G	H = G - F	I	J=I/D	K = H x J	L = H - K
Remove D	December 2017 true-up	that was billed in Jan	2018 STPP	1,298.00	0.09207			\$ 119.51		55.86%	\$ 66.76	\$ 52.75
Jan-18	153,174,399.00	312,678.00	66,331,214.00	87,155,863.00	0.06736	\$5,870,818.93	\$5,874,062.25	\$ 3,243.32	59,479,867	68.25%	\$ 2,213.42	\$ 1,029.90
Feb-18	135,367,812.00	498,015.00	60,968,600.00	74,897,227.00	0.08167	\$6,116,856.53	\$6,116,846.23	\$ (10.30	34,772,038	46.43%	\$ (4.78)	\$ (5.52)
Mar-18	144,464,660.00	653,373.00	66,794,577.00	78,323,456.00	0.09481	\$7,425,846.86	\$7,425,580.09	\$ (266.77	56,277,815	71.85%	\$ (191.68)	\$ (75.09)
Apr-18	134,188,611.00	1,499,462.00	62,639,604.00	73,048,469.00	0.09959	\$7,274,897.03	\$7,275,137.71	\$ 240.68	31,109,314	42.59%	\$ 102.50	\$ 138.18
May-18	137,785,234.00	1,508,625.00	67,783,509.00	71,510,350.00	0.10793	\$7,718,112.08	\$7,718,103.18	\$ (8.90	52,134,567	72.90%	\$ (6.49)	\$ (2.41)
Jun-18	137,868,336.00	2,049,470.00	65,117,341.00	74,800,465.00	0.11896	\$8,898,263.32	\$8,551,014.12	\$ (347,249.20	37,208,404	49.74%	\$ (172,734.06)	\$ (174,515.13)
Jul-18	149,344,885.00	2,018,554.00	67,353,899.00	84,009,540.00	0.07737	\$6,499,818.11	\$6,502,480.29	\$ 2,662.18	51,534,018	61.34%	\$ 1,633.06	\$ 1,029.12
Aug-18	154,043,197.00	2,093,400.00	72,821,424.00	83,315,173.00	0.07490	\$6,240,306.46	\$6,240,218.42	\$ (88.04	55,783,904	66.96%	\$ (58.95)	\$ (29.09)
Sep-18	142,504,368.00	1,699,198.00	69,615,152.00	74,588,414.00	0.08584	\$6,402,669.46	\$6,403,046.90	\$ 377.44	35,714,338	47.88%	\$ 180.73	\$ 196.72
Oct-18	140,456,587.00	1,303,877.00	70,952,016.00	70,808,448.00	0.12059	\$8,538,790.74	\$8,538,470.32	\$ (320.42	53,034,109	74.90%	\$ (239.99)	\$ (80.43)
Nov-18	141,345,545.00	783,671.00	67,335,327.00	74,793,889.00	0.09855	\$7,370,937.76	\$7,110,057.31	\$ (260,880.45) 44,833,846	59.94%	\$ (156,380.08)	\$ (104,500.38)
Dec-18	136,642,286.00	251,938.00	59,374,290.00	77,519,934.00	0.07404	\$5,739,575.91	\$5,987,091.02	\$ 247,515.11	32,053,644	41.35%	\$ 102,344.79	\$ 145,170.32
December	r true-up			-	0.07404			\$ -		•	\$ -	\$ -
Total	1,707,185,920.00	14,672,261.00	797,086,953.00	924,771,228.00		\$84,096,893.19	\$83,742,107.84	\$ (354,665.84	543,935,865.66	•	\$ (223,074.78)	\$ (131,591.06)

Table 4 - Alectra's Proposal

(223,074.78) Payment to IESO; included in Continuity Schedule cell BF29

Total Difference \$ represent the IESO Invoice adjustments in addition to the expected GA charges based on the actual GA rates

2. STPP, STPF and IESO Monthly Invoice \$ Reconciliation for CT148

Note: the STPP, STPF and IESO Invoices include the entire month data as at month end IESO Monthly invoice = Current month STPP + Last Month STPP - Last Month STPP

	Current Month	La	ast Month STPF	Li	ast Month STPP			IES	O Invoice CT148	
	STPP CT148 \$		CT148 \$		CT148 \$	CT148 \$ Net for the month		\$		Difference
	Α		В		С		D=A+B-C		E	F = D-E
Jan-18	\$ 5,874,552.89	\$	7,684,388.10	\$	7,684,878.74	\$	5,874,062.25		\$5,874,062.25	\$ -
Feb-18	\$ 6,116,518.48	\$	5,874,880.64	\$	5,874,552.89	\$	6,116,846.23		\$6,116,846.23	\$ -
Mar-18	\$ 7,425,415.02	\$	6,116,683.55	65	6,116,518.48	69	7,425,580.09		\$7,425,580.09	\$ -
Apr-18	\$ 7,278,167.95	\$	7,422,384.78	65	7,425,415.02	69	7,275,137.71		\$7,275,137.71	\$ -
May-18	\$ 7,717,902.48	\$	7,278,493.88	65	7,278,167.95	69	7,718,228.41		\$7,718,103.18	\$ 125.23
Jun-18	\$ 8,551,026.97	\$	7,717,889.63	65	7,717,902.48	69	8,551,014.12		\$8,551,014.12	\$ -
Jul-18	\$ 6,453,046.63	\$	8,600,460.63	65	8,551,026.97	69	6,502,480.29		\$6,502,480.29	\$ -
Aug-18	\$ 6,242,151.28	\$	6,451,113.77	\$	6,453,046.63	\$	6,240,218.42		\$6,240,218.42	\$ -
Sep-18	\$ 5,289,041.62	\$	6,242,515.28	\$	6,242,151.28	\$	5,289,405.62		\$6,403,046.90	\$ (1,113,641.28)
Oct-18	\$ 8,529,319.51	\$	6,411,810.37	\$	5,289,041.62	\$	9,652,088.26		\$8,538,470.32	\$ 1,113,617.94
Nov-18	\$ 7,109,802.39	\$	8,529,574.43	\$	8,529,319.51	\$	7,110,057.31		\$7,110,057.31	\$ -
Dec-18	\$ 6,144,678.28	\$	6,952,215.13	\$	7,109,802.39	\$	5,987,091.02		\$5,987,091.02	\$ -
Total	\$ 82,731,623.50	\$	85,282,410.19	\$	84,271,823.96	\$	83,742,209.73	\$	83,742,107.84	\$ 101.89

3. STPP, STPF and Loads pertaining to Class B kWh Reconciliation

	Current Month STPP CT148 kWh	Last Month STPF CT148 kWh	Last Month STPP CT148 kWh	Net for the month (kWh)	Loads pertaining to Class B (Calculated in Table 1)	Difference (kWh)
	Α	В	С	D=A+B-C	E	F=D-E
Jan-18	87,155,863.00	83,390,473.00	83,391,771.00	87,154,565.00	87,155,863.00	(1,298.00)
Feb-18	74,897,227.00	87,155,863.00	87,155,863.00	74,897,227.00	74,897,227.00	-
Mar-18	78,323,456.00	74,897,227.00	74,897,227.00	78,323,456.00	78,323,456.00	-
Apr-18	95,635,542.00	78,323,456.00	78,323,456.00	95,635,542.00	73,048,469.00	22,587,073.00
May-18	73,048,469.00	73,048,469.00	95,635,542.00	50,461,396.00	71,510,350.00	(21,048,954.00)
Jun-18	74,800,465.00	71,510,350.00	73,048,469.00	73,262,346.00	74,800,465.00	(1,538,119.00)
Jul-18	84,009,540.00	74,800,465.00	74,800,465.00	84,009,540.00	84,009,540.00	-
Aug-18	83,315,173.00	84,009,540.00	84,009,540.00	83,315,173.00	83,315,173.00	-
Sep-18	74,588,414.00	83,315,173.00	83,315,173.00	74,588,414.00	74,588,414.00	-
Oct-18	70,808,448.00	74,588,414.00	74,588,414.00	70,808,448.00	70,808,448.00	-
Nov-18	72,145,545.00	70,808,448.00	70,808,448.00	72,145,545.00	74,793,889.00	(2,648,344.00)
Dec-18	77,519,934.00	74,793,889.00	72,145,545.00	80,168,278.00	77,519,934.00	2,648,344.00
Total	946,248,076.00	930,641,767.00	952,119,913.00	924,769,930.00	924,771,228.00	(1,298.00)
Jan-19	84,454,659.00	77,519,934.00	77,519,934.00	84,454,659.00	84,454,659	-

Global Adjustment Adjustments in 2018 - charge, + credit

Legend: Applies to 2018

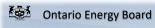
Applies to various other years

IESO Charge Type	Value	Statement	Description	Applicable to
148 \$	(6,698.96)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 10/2016, Total Adjusted Amount - \$-551217.59, Total Distribution (MWh) - 8384313.564	Class B
148 \$	9.71	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 10/2015, Total Adjusted Amount - \$815.29, Total Distribution (MWh) - 8628399.29	Class B
148 \$	17,149.75	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 12/2015, Total Adjusted Amount - \$1520573.83, Total Distribution (MWh) - 9283635.217	Class B
148 \$	2,536.69	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 01/2016, Total Adjusted Amount - \$228327.97, Total Distribution (MWh) - 10238681.478	Class B
148 \$	(3,741.18)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 02/2016, Total Adjusted Amount - \$-333610.22, Total Distribution (MWh) - 9476993.419	Class B
148 \$	(4,725.51)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 03/2016, Total Adjusted Amount - \$-409704.41, Total Distribution (MWh) - 9274395.494	Class B
148 \$	(4,970.85)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 04/2016, Total Adjusted Amount - \$-426214.56, Total Distribution (MWh) - 8601557.64	Class B
148 \$	(511.75)	Jan 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.28, Total Distribution (MWh) - 9743882.265	Class A
148 \$	(4,217.16)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 06/2016, Total Adjusted Amount - \$-370511.89, Total Distribution (MWh) - 9202274.086	Class B
148 \$	(6,268.65)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 11/2016, Total Adjusted Amount - \$-518482.14, Total Distribution (MWh) - 8578212.921	Class B
148 \$	(4,440.43)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 12/2016, Total Adjusted Amount - \$-398278.58, Total Distribution (MWh) - 9825550.081	Class B
148 \$	(4,667.64)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 05/2016, Total Adjusted Amount - \$-401311.77, Total Distribution (MWh) - 8652317.796	Class B
148 \$	(5,982.58)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 09/2016, Total Adjusted Amount - \$-503428.28, Total Distribution (MWh) - 8992096.573	Class A
148 \$	(4,077.76)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 08/2016, Total Adjusted Amount - \$-366044.01, Total Distribution (MWh) - 10956699.077	Class B
148 \$		Jan 2018 ST-P-P	Adjustment of Global Adjustment for 07/2016, Total Adjusted Amount - \$-393133.45, Total Distribution (MWh) - 10495041.213	Class B
148 \$	19,352.17	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 11/2015, Total Adjusted Amount - \$1636248.71, Total Distribution (MWh) - 8680759.324	Class B
148 \$		Jan 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148 \$, ,	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 12/2016, Total Adjusted Amount - \$-398278.58, Total Distribution (MWh) - 9825550.081	Class B
148 \$		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 10/2015, Total Adjusted Amount - \$815.29, Total Distribution (MWh) - 8628399.29	Class B
148 \$		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 12/2015, Total Adjusted Amount - \$1520573.83, Total Distribution (MWh) - 9283635.217	Class B
148	,	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 01/2016, Total Adjusted Amount - \$228327.97, Total Distribution (MWh) - 10238681.478	Class B
148	,	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 02/2016, Total Adjusted Amount - \$-333610.22, Total Distribution (MWh) - 9476993.419	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 03/2016, Total Adjusted Amount - \$-409704.41, Total Distribution (MWh) - 9274395.494	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 04/2016, Total Adjusted Amount - \$-426214.56, Total Distribution (MWh) - 8601557.64	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 11/2015, Total Adjusted Amount - \$1636248.71, Total Distribution (MWh) - 8680759.324	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.28, Total Distribution (MWh) - 9743882.265	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 06/2016, Total Adjusted Amount - \$-370511.89, Total Distribution (MWh) - 9202274.086	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 11/2016. Total Adjusted Amount - \$-518482.14. Total Distribution (MWh) - 8578212.921	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 05/2016, Total Adjusted Amount - \$-401311.77, Total Distribution (MWh) - 8652317.796	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 10/2016, Total Adjusted Amount - \$-551217.59, Total Distribution (MWh) - 8384313.564	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 09/2016, Total Adjusted Amount - \$-503428.28, Total Distribution (MWh) - 8992096.573	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 08/2016, Total Adjusted Amount - \$-366044.01, Total Distribution (MWh) - 10956699.077	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment for 07/2016, Total Adjusted Amount - \$-393133.45, Total Distribution (MWh) - 10495041.213	Class B
148		Jan 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.28, Total Distribution (MWh) - 9743337.279	Class B
148		Feb 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.26, Total Distribution (MWh) - \$180130.014	Class B
148		Feb 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
147		Feb 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148		Feb 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-5053280.44, Total Distribution (MWh) - 8180122.027	Class B
148		Mar 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-5053280.44, Total Distribution (MWh) - 8502169.957 Adjustment of Global Adjustment, Total Adjusted Amount - \$-4454479.65, Total Distribution (MWh) - 8502169.957	Class B Class B
148				
147		Mar 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A Class B
		Mar 2018 ST-P-F	Slight change in total provincewide kWh for current month	
148		Mar 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-1876349.71, Total Distribution (MWh) - 8502162.578	Class B
148		April 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-43057.48, Total Distribution (MWh) - 7837148.776	Class B
147		April 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148		April 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148		April 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-43834.35, Total Distribution (MWh) - 7836940.453	Class B
147		May 2018 ST-P-P	Issue 837 - Adjustment to Global Adjustment CT 147 for trade date April 30, 2018	Class A
148		May 2018 ST-P-P	Issue 837 - Adjustment to Global Adjustment CT 148 for trade date April 30, 2018	Class B
148	-4440.3	May 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-479973.99, Total Distribution (MWh) - 7729903.495	Class B

148	12.84	May 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	0.01	May 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-479973.99, Total Distribution (MWh) - 7729916.364	Class B
148	-48634.53	June 2018 ST-P-P	Adjustment of Global Adjustment for 05/2018, Total Adjusted Amount - \$-5257153.2, Total Distribution (MWh) - 7729916.364	Class B
148	51598.58	June 2018 ST-P-P	Issue-835 Adjustment of Class B Global Adjustment due to under-reported Class A load for September 2017	Class B
148	-2677.33	June 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-290095.16, Total Distribution (MWh) - 8104808.542	Class B
148	296195.46	June 2018 ST-P-P	Issue-835 Adjustment of Class B Global Adjustment due to under-reported Class A load for October 2017	Class B
147	-419.75	June 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	-799.11	June 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	-0.02	June 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-290095.16, Total Distribution (MWh) - 8104751.095	Class B
148	-48634.53	June 2018 ST-P-F	Adjustment of Global Adjustment for 05/2018, Total Adjusted Amount - \$-10514306.4, Total Distribution (MWh) - 7729916.364	Class B
148	-3847.25	July 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-438880.88, Total Distribution (MWh) - 9583527.878	Class B
147	28.65	July 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	1931.73	July 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	1.13	July 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-438880.88, Total Distribution (MWh) - 9586334.709	Class B
148	21868.95	August 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$2468997.76, Total Distribution (MWh) - 9406257.651	Class B
147	-4094535.67	September 2018 ST-P-P	Issue 860: Reversal of CT 147 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class A
147	4822435.29	September 2018 ST-P-P	Issue 860: Reversal of CT 147 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class A
148	3338.99	September 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$356320.35, Total Distribution (MWh) - 7959696.53	Class B
148	7378026.87	September 2018 ST-P-P	Issue 860: Reversal of CT 148 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class B
148	-6264385.59	September 2018 ST-P-P	Issue 860: Reversal of CT 148 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class B
148	-9155.58	September 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
147	-727884.36	September 2018 ST-P-F	Issue 860: Reversal of CT 147 for trade date 08/31/2018 that appeared on the September 26, 2018 final settlement statement (FSS)	Class A
148	4.77	September 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$356320.35, Total Distribution (MWh) - 7948337.146	Class B
148	-1113617.94	September 2018 ST-P-F	Issue 860: Reversal of CT 148 for trade date 08/31/2018 that appeared on the September 26, 2018 final settlement statement (FSS)	Class B
148	-45.25	October 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-4860.35, Total Distribution (MWh) - 7605074.466	Class B
148	-254.92	October 2018 ST-P-F		Class B
148	45.11	November 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$4794.48, Total Distribution (MWh) - 7668202.27	Class B
147	-72.06	November 2018 ST-P-F		Class A
148	157588.3	November 2018 ST-P-F		Class B
148	-1	November 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$4794.48, Total Distribution (MWh) - 8129996.362	Class B
148	-5376.93	December 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-603108.97, Total Distribution (MWh) - 8695097.125	Class B
147	-220.49	December 2018 ST-P-F		Class A
148	-6999.97	December 2018 ST-P-F		Class B
148	-5.84	December 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-603108.97, Total Distribution (MWh) - 8685675.198	Class B
	\$ 475,417.62			

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 29

ATTACHMENT 29 1595 ANALYSIS WORKFORM HORIZON UTILITIES RZ



1595 Analysis Workform

Account 1595 Analysis Workform

Input cells
Drop down cells

Utility Name Alectra Utilities Corporation-Horizon Utilities Rate Zone

Utility name must be selected

Eligible for disposition?

2014 and pre-2014 No

2015 No

2016 No 2017 Yes

2017 Tes 2018 No

2019 No

Note that vintage years 2018 and 2019 are not eligible for disposition in the current rate year application.



Year in which this worksheet relates to 2017

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$10,978,405	-\$163,710	-\$11,142,115	-\$10,772,867	-\$369,248	-\$248,165	-\$617,413	3.3%
Account 1589 - Global Adjustment	\$2,612,621	\$44,945	\$2,657,566	\$2,749,331	-\$91,765	\$57,327	-\$34,437	-3.5%
Total Group 1 and Group 2 Balances	-\$8,365,784	-\$118,765	-\$8,484,549	-\$8,023,536	-\$461,013	-\$190,838		5.4%
					Total residual balan	ce per continuity schedule:	-\$651,851	

Difference (arry variance should be explained):

Additional Notes and Comments

*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 30

ATTACHMENT 30 1595 ANALYSIS WORKFORM BRAMPTON RZ



1595 Analysis Workform

Account 1595 Analysis Workform

Input cells	
Drop down cells	

Utility Name Alectra Utilities Corporation-Brampton Rate Zone
Utility name must be selected

Eligible for disposition?

2014 and pre-2014 No
2015 No
2016 No
2017 Yes
2018 No
2019 No
Note that vintage

Note that vintage years 2018 and 2019 are not eligible for disposition in the current rate year application.

Version 1.0



Year in which this worksheet relates to 2017

rear in which this worksheet relates to	2017								
Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition		Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$12,595,272	-\$174,226	-\$12,769,498	-\$12,597,836	-\$171,662	-\$127,420	-\$299,082	1.3%
Account 1589 - Global Adjustment		\$9,450,912	\$182,998	\$9,633,910	\$9,383,867	\$250,044	\$130,969	\$381,012	2.6%
Total Group 1 and Group 2 Balances		-\$3,144,360	\$8,772	-\$3,135,587	-\$3,213,969		\$3,548	\$81,930	-2.5%
						Total residual balan	ce per continuity schedule:	\$81.930	

Offference (any variance should be explained):

Additional Notes and Comments

*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 31

ATTACHMENT 31 1595 ANALYSIS WORKFORM GUELPH RZ



1595 Analysis Workform

Account 1595 Analysis Workform

Input cells
Drop down cells

Utility Name Alectra Utilities Corporation-Guelph Rate Zone
Utility name must be selected

Eligible for disposition?

2014 and pre-2014 No
2015 No
2016 No
2017 Yes
2018 No
2019 No
Note that vinta

Note that vintage years 2018 and 2019 are not eligible for disposition in the current rate year application.

Version 1.0



fear in which this worksheet relates to	2017								
Components of the 1595 Account Balances:		Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition		Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$5,878,124	\$578,292	-\$5,299,832	-\$5,105,496	-\$194,336	-\$81,326	-\$275,662	3.7%
Account 1589 - Global Adjustment		-\$347,498	\$3,213	-\$344,285	-\$321,379	-\$22,906	-\$848	-\$23,754	6.7%
Total Group 1 and Group 2 Balances		-\$6,225,622	\$581,505	-\$5,644,117	-\$5,426,874	-\$217,243	-\$82,174	-\$299,416	3.8%
						Total recidual halas	oce per continuity echedule.	£200 44£	

Difference (any variance should be explained):

Additional Notes and Comments	

^{*}Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 32

ATTACHMENT 32 RGCRP BRAMPTON RZ

Appendix 2-FA

Renewable Generation Connection Investment Summary (over the rate setting period)

Enter the details of the Renewable Generation Connection projects as described in Section 2.5.2.5 of the Filing Requirements.

All costs entered on this page will be transferred to the appropriate cells in the appendices that follow.

For Part A, Renewable Enabling Improvements (REI), these amounts will be transferred to Appendix 2 - FB

For Part B, Expansions, these amounts will be transferred to Appendix 2 - FC

If there are more than **five** projects proposed to be in-service in a certain year, please amend the tables below and ensure that the formulae for Based on the current methodology and allocation, amounts allocated represent 6% for REI Connection Investments and 17% for Expansion

Part A			_		.	1	1
REI Investments (Direct Benefit at 6%)	2015	2016	2017	2018	2019	2020	2021
Project 1							
Name: OPA FIT/MicroFIT Program Management							
Capital Costs		••	••	••	••	••	**
OM&A (Start-Up)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Ongoing)	\$117,500	\$122,500	\$110,000	\$110,000	\$110,000	\$0	\$0
Project 2							
Name: Maintenance of Connected REG Infrastructure							
Capital Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Start-Up)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Ongoing)	\$70,000	\$76,000	\$82,000	\$88,000	\$94,000	\$0	\$0
Project 3							
Name: Remote Monitoring and Control of REG							
Capital Costs	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$0	\$0
OM&A (Start-Up)	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$0	\$0
OM&A (Ongoing)							
Project 4							
Name: REI Connection Project							
Capital Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Start-Up)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Ongoing)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Project 5							
Name: REI Connection Project							
Capital Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Start-Up)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OM&A (Ongoing)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Costs	\$ 180,00	0 \$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ -	\$ -
Total OM&A (Start-Up)	\$ 9,00	0 \$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ -	\$ -
Total OM&A (Ongoing)	\$ 187,50	0 \$ 198,500	\$ 192,000	\$ 198,000	\$ 204,000	\$ -	\$ -

Appendix 2-FA

Renewable Generation Connection Investment Summary (over the rate setting period)

Enter the details of the Renewable Generation Connection projects as described in Section 2.5.2.5 of the Filing Requirements.

All costs entered on this page will be transferred to the appropriate cells in the appendices that follow.

For Part A, Renewable Enabling Improvements (REI), these amounts will be transferred to Appendix 2 - FB

For Part B, Expansions, these amounts will be transferred to Appendix 2 - FC

If there are more than **five** projects proposed to be in-service in a certain year, please amend the tables below and ensure that the formulae for Based on the current methodology and allocation, amounts allocated represent 6% for REI Connection Investments and 17% for Expansion

Appendix 2-FA
Renewable Generation Connection Investment Summary (over the rate setting period)

Expansion Investments (Direct Benefit at 17%)		2015		2016		2017	- :	2018		2019	2020	2021
Project 1						L. Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Carlotte and Car				U		
Name: Transformer Replacement												
Capital Costs	9	60,000	\$	60,000	\$	60,000	\$6	60,000	\$	60,000	\$0	\$0
OM&A (Start-Up)		\$6,000	:	\$6,000	:	\$6,000	\$	6,000	,	\$6,000	\$0	\$0
OM&A (Ongoing)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
Project 2												
Name: Rebuilding Existing Line												
Capital Costs	9	38,000	\$	10,000	\$	12,000	\$1	14,000	\$	16,000	\$0	\$0
OM&A (Start-Up)		\$3,800	:	\$1,000		\$1,200	\$	1,400	,	\$1,600	\$0	\$0
OM&A (Ongoing)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
Project 3												
Name: Expansion Connection Project												
Capital Costs		\$0		\$0		\$0		\$0		\$0	\$0	\$0
OM&A (Start-Up)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
OM&A (Ongoing)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
Project 4												
Name: Expansion Connection Project												
Capital Costs		\$0		\$0		\$0		\$0		\$0	\$0	\$0
OM&A (Start-Up)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
OM&A (Ongoing)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
Project 5												
Name: Expansion Connection Project												
Capital Costs		\$0		\$0		\$0		\$0		\$0	\$0	\$0
OM&A (Start-Up)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
OM&A (Ongoing)		\$0		\$0		\$0		\$0		\$0	\$0	\$0
Total Capital Costs	\$	98,000	\$	70,000	\$	72,000	\$	74,000	\$	76,000	\$ -	\$ -
Total OM&A (Start-Up)	\$	9,800	\$	7,000	\$	7,200	\$	7,400	\$	7,600	\$ -	\$ -
Total OM&A (Ongoing)	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$ -

Appendix 2-FB Calculation of Renewable Generation Connection Direct Benefits/Provincial Amount: Renewable

2015Test Year

26.50% 26.50%

\$ 221.90 -\$ 288.08

\$ 301.91 -\$ 391.94 \$ 302 -\$ 392

2016

26.50% 26.50%

\$ 357.82 \$ 1,620.53

\$ 486.83 \$ 2,204.80 \$ 487 \$ 2,205

Tax Rate (to be entered) Income Taxes Payable

Gross Up Income Taxes Payable Grossed Up PILs

This table will calculate the distributor/provincial shares of the investments entered in Part A of Appendix 2-FA.

Enter values in green shaded cells: WCA percentage, debt percentages, interest rates, kWh, tax rates, amortization period, CCA Class and percentage.

Rate Riders are not calculated for Test Year as these assets and costs are already in the distributor's rate base/revenue requirement.

			Direct E	Benefit	Provincial	Direc	t Benefit	Provincial		Direct Benefit	Provincial		Direct Bene	efit	Provincial	Di	rect Benefit	Provincial		Direct Be	nefit F	Provincial	Dire	ct Benefit	Provincial
		Total		6%	94%	Total	6%	94%	Total	6%	94%	Total	6%		94%	Total	6%	94%	Total	69	/6	94%	Total	6%	94%
Net Fixed Assets (average)			\$	- \$	- \$	255,000 \$	15,300 \$	239,700 \$	411,000	\$ 24,660	\$ 386,340 \$	555,000	\$ 33	3,300 \$	521,700 \$	687,000 \$	41,220	\$ 645,780 \$	720,000	\$	43,200 \$	676,800 \$	660,000 \$	39,600 \$	620,400
Incremental OM&A (on-going, N/A for Prov	vincial Recovery)	\$187,500	\$	187,500		\$198,500 \$	198,500		\$192,000	\$ 192,000		\$198,000	\$ 198	3,000		\$204,000 \$	204,000		\$0	\$	-		\$0 \$	-	
Incremental OM&A (start-up, applicable fo	r Provincial Recovery)	\$9,000	\$	540 \$	8,460	\$9,000 \$	540 \$	8,460	\$9,000	\$ 540	\$ 8,460	\$9,000	\$	540 \$	8,460	\$9,000 \$	540	\$ 8,460	\$0	\$	- \$	-	\$0 \$	- \$	-
WCA	13%		\$	24,445 \$	1,100	\$	25,875 \$	1,100		\$ 25,030	\$ 1,100		\$ 25	5,810 \$	1,100	\$	26,590	\$ 1,100		\$	- \$		\$	- \$	
Rate Base			\$	24,445 \$	1,100	\$	41,175 \$	240,800		\$ 49,690	\$ 387,440		\$ 59	9,110 \$	522,800	\$	67,810	\$ 646,880		\$	43,200 \$	676,800	\$	39,600 \$	620,400
			0																						
Deemed ST Debt	4%		\$	978 \$	44	\$	1,647 \$	9,632		\$ 1,988	\$ 15,498			2,364 \$	20,912	\$	2,712	\$ 25,875		\$	1,728 \$	27,072	\$	1,584 \$	
Deemed LT Debt	56%		\$	13,689 \$	616	\$	23,058 \$	134,848		\$ 27,827	\$ 216,966			3,102 \$	292,768	\$	37,974	\$ 362,253			24,192 \$	379,008	\$	22,176 \$	
Deemed Equity	40%		\$	9,778 \$	440	\$	16,470 \$	96,320		\$ 19,876	\$ 154,976		\$ 23	3,644 \$	209,120	\$	27,124	\$ 258,752		\$	17,280 \$	270,720	\$	15,840 \$	248,160
ST Interest	2.16%		\$	21 \$	1	\$	36 \$	208		\$ 43	\$ 335		\$	51 \$	452	\$	59	\$ 559		\$	37 \$	585	\$	34 \$	536
LT Interest	6.07%		\$	831 \$	37	\$	1,400 \$	8,189		\$ 1,690	\$ 13,176			2,010 \$	17,779	\$	2,306	\$ 21,999		\$	1,469 \$	23,017	\$	1,347 \$	
ROE	9.30%		\$	909 \$	41	\$	1,532 \$	8,958		\$ 1,848	\$ 14,413			2,199 \$	19,448	\$	2,523	\$ 24,064		\$	1,607 \$	25,177	\$	1,473 \$	23,079
Cost of Capital Total	al		\$	1,762 \$	79	\$	2,968 \$	17,355		\$ 3,581	\$ 27,924		\$ 4	,260 \$	37,679	_\$	4,887	\$ 46,622		\$	3,114 \$	48,778	\$	2,854 \$	44,714
																					_				
OM&A			\$	188,040 \$	8,460	18.000 \$	199,040 \$	8,460		\$ 192,540	\$ 8,460			3,540 \$	8,460 39,480 \$	54.000	204,540	\$ 8,460 \$ 50.760 \$	60.000	\$	- \$	-	60.000 S	- \$	-
Amortization		\$ 6,00	0 \$	360 \$	5,640 \$	18,000 \$	1,080 \$	16,920 \$	30,000	\$ 1,800	\$ 28,200 \$	42,000		2,520 \$		54,000 \$	3,240		60,000	, ,	3,600 \$	56,400 \$	60,000 \$	3,600 \$	56,400
Grossed-up PILs			\$	302 -\$	392	\$	487 \$	2,205		\$ 586	\$ 3,928		\$	718 \$	5,845	\$	862	\$ 7,928		\$	603 \$	9,447	\$	657 \$	10,287
Revenue Requirement			-	190.464 \$	13,787		203,574 \$	44,940	-	S 198.507	\$ 68,512		e 200	6.039 \$	91,464	-	213,529	\$ 113,770		-	7,316 \$	114.625		7,111 \$	111,401
Revenue Requirement			3	190,404 \$	13,707	-	203,574 \$	44,940	_	\$ 195,507	\$ 00,512		\$ 200	,U39 \$	91,404	3	213,529	\$ 113,770		•	7,316 \$	114,025	3	7,111 \$	111,401
Provincial Rate Protection				\$	13.787		S	44.940		-	\$ 68.512			-	91.464		-	\$ 113.770			S .	114.625		-	111.401
Provincial Rate Protection				-	13,707		3	44,940		-	\$ 00,512			- 3	91,404		-	\$ 113,770				114,025		-	111,401
Monthly Amount Paid by IESO				•	1,149		S	3,745		-	\$ 5,709			\$	7,622		-	\$ 9,481			9	9,552		9	9,283
monany randarit and by 1200					1,140			0,740		-	0,700				7,022		-	5,401				0,002			0,200
Note 1: The difference between the actual							. The Board regu	latory accounting	guidance regardi	ing a variance acco	unt either in an indi	vidual proceedin	g or on a ger	eric basis.											
Note 2: For the 2014 Test Year, Costs and	d Revenues of the Direct Benefit	are to be included in	the test ye	ar applicant Ra	ate Base and Rever	nues.															\$	143,160		\$	139,883
																					\$	11,930		\$	11,657
PILs Calculation									_							_							_		
				2015			2016		L	201				2018			201				2020			2021	
Income Tax			Direct E	Benefit	Provincial	Direc	t Benefit	Provincial		Direct Benefit	Provincial		Direct Bene	efit	Provincial		rect Benefit	Provincial		Direct Be	nefit F	Provincial		ct Benefit	Provincial
												Total				Total			Total				Total		
Net Income - ROE on Rate Base			\$	909 \$	41	\$	1,532 \$	8,958		\$ 1,848	\$ 14,413			2,199 \$	19,448	\$	2,523	\$ 24,064		\$	1,607 \$	25,177	\$	1,473 \$	
Amortization (6% DB and 94% P)			\$	360 \$	5,640	\$	1,080 \$	16,920		\$ 1,800	\$ 28,200			2,520 \$	39,480	\$	3,240	\$ 50,760		\$	3,600 \$	56,400	\$	3,600 \$	
CCA (6% DB and 94% P)			-\$	432 -\$	6,768	-\$	1,261 -\$	19,763	<u> </u>	\$ 2,025 -	\$ 31,718			2,727 -\$	42,716	\$	3,372 -			-\$	3,535 -\$	55,376	-\$	3,252 -\$	
Taxable income			\$	837 -\$	1,087	\$	1,350 \$	6,115		\$ 1,624	\$ 10,895		\$ 1	,992 \$	16,212	_\$	2,390	\$ 21,989		\$	1,672 \$	26,201	\$	1,821 \$	28,533

26.50% 26.50%

\$ 430.35 \$ 2,887.23

\$ 585.51 \$ 3,928.20 \$ 586 \$ 3,928

26.50% 26.50%

\$ 527.97 \$ 4,296.18

718.33 \$ 5,845.14 718 \$ 5,845

26.50% 26.50%

\$ 633.38 \$ 5,827.10

\$ 861.74 \$ 7,928.03 \$ 862 \$ 7,928

26.50% 26.50%

\$ 443.19 \$ 6,943.24

602.97 \$ 9,446.58 603 \$ 9,447

26.50% 26.50%

\$ 482.63 \$ 7,561.22

\$ 656.64 \$ 10,287.37 \$ 657 \$ 10,287

Appendix 2-FB
Calculation of Renewable Generation Connection Direct Benefits/Provincial Amount: Renewable

			2015		2016		2017		2018		2019		2020		2021
Net Fixed Assets		\$	3,600												
Enter applicable amortization in years:	15														
Opening Gross Fixed Assets				\$	180,000	\$	360,000	\$	540,000	\$	720,000	\$	900,000	\$	900,000
Gross Capital Additions		\$	180,000	\$	180,000	\$	180,000	\$	180,000	\$	180,000	\$	-	\$	-
Closing Gross Fixed Assets		\$	180,000	\$	360,000	\$	540,000	\$	720,000	\$	900,000	\$	900,000	\$	900,000
Opening Accumulated Amortization				\$	6,000	\$	24,000	\$	54,000	\$	96,000	\$	150,000	\$	210,000
Current Year Amortization (before additions)				\$	12,000	\$	24,000	\$	36,000	\$	48,000	\$	60,000	\$	60,000
Additions (half year)		\$	6,000	\$	6,000	\$	6,000	\$	6,000	\$	6,000	\$	-	\$	-
Closing Accumulated Amortization		\$	6,000	\$	24,000	\$	54,000	\$	96,000	\$	150,000	\$	210,000	\$	270,000
Opening Net Fixed Assets		\$	-	\$	174,000	\$	336,000	\$	486,000	\$	624,000	\$	750,000	\$	690,000
Closing Net Fixed Assets		\$	174,000	\$	336,000	\$	486,000	\$	624,000	\$	750,000	\$	690,000	\$	630,000
Average Net Fixed Assets		\$	87,000	\$	255,000	\$	411,000	\$	555,000	\$	687,000	\$	720,000	\$	660,000
UCC for PILs Calculation															
			2015		2016		2017		2018		2019		2020		2021
Opening UCC				\$	172,800	\$	331,776	\$	478,034	\$	612,591	\$	736,384	\$	677,473
Capital Additions (from Appendix 2-FA)		\$	180,000	\$	180,000	\$	180,000	\$	180,000	\$	180,000	\$	-	\$	-
UCC Before Half Year Rule		\$	180,000	\$	352,800	\$	511,776	\$	658,034	\$	792,591	\$	736,384	\$	677,473
Half Year Rule (1/2 Additions - Disposals)		\$	90,000	\$	90,000	\$	90,000	\$	90,000	\$	90,000	\$	-	\$	-
Reduced UCC		\$	90,000	\$	262,800	\$	421,776	\$	568,034	\$	702,591	\$	736,384	\$	677,473
CCA Rate Class (to be entered)	47		47		47		47		47		47		47		47
CCA Rate (to be entered)	8%		8%		8%		8%		8%		8%		8%		8%
CCA		\$	7,200	\$	21,024	\$	33,742	\$	45,443	\$	56,207	\$	58,911	\$	54,198
Closing UCC		S	172.800	S	331.776	s	478.034	S	612,591	s	736.384	S	677,473	S	623.275

Appendix 2-FC Calculation of Renewable Generation Connection Direct Benefits/Provincial Amount: Renewable Expansion Investments

This table will calculate the distributor/provincial shares of the investments entered in Part B of Appendix 2-FA.

Enter values in green shaded cells: WCA percentage, debt percentages, interest rates, kWh, tax rates, amortization period, CCA Class and percentage.

Rate Riders are not calculated for Test Year as these assets and costs are already in the distributors rate base.

	2015 Tes	Year		2016		2017			2018			2019			2020			2021	
	Direct Ber			t Benefit Provincial		ct Benefit	Provincial		ct Benefit F	Provincial			Provincial		t Benefit	Provincial	Direc		Provincial
	Total 17%		Total	17% 83%	Total	17%	83%	Total	17%	83%	Total	17%	83%	Total	17%	83%	Total	17%	83%
Net Fixed Assets (average)	\$ 48,417 \$	3,231 \$ 40,186	\$ 130,250 \$	22,143 \$ 108,108	\$ 197,238 \$	33,530 \$	163,708 \$	264,512 \$	44,967 \$	219,545	332,024 \$	56,444 \$	275,580 \$	361,190 \$	61,402 \$	299,788 \$	351,905 \$	59,824 \$	292,081
Incremental OM&A (on-going, N/A for Provincial Recovery)	\$0 \$		\$0 \$	-	\$0 \$	-		\$0 \$	-		\$0 \$	-		\$0 \$	-		\$0 \$	-	
Incremental OM&A (start-up, applicable for Provincial Recovery)	\$9,800 \$	1,666 \$ 8,134	\$7,000 \$	1,190 \$ 5,810	\$7,200 \$	1,224 \$	5,976	\$7,400 \$	1,258 \$	6,142	\$7,600 \$	1,292 \$	6,308	\$0 \$	- \$	-	\$0 \$	- \$	-
WCA 13%	\$	217 \$ 1,057	<u></u>	155 \$ 755	\$	159 \$	777	\$	164 \$	798	\$	168 \$	820	\$	- \$		\$	- \$	
Rate Base	\$	3,447 \$ 41,243	\$	22,297 \$ 108,863	\$	33,690 \$	164,484	\$	45,131 \$	220,343	\$	56,612 \$	276,400	\$	61,402 \$	299,788	\$	59,824 \$	292,081
Deemed ST Debt		338 \$ 1,650 4,731 \$ 23,096 3,379 \$ 16,497 7 \$ 36 287 \$ 1,403 314 \$ 1,534 609 \$ 2,972	s s s s s	892 \$ 4,355 12,486 \$ 60,963 8,919 \$ 43,545 19 \$ 94 758 \$ 3,702 829 \$ 4,050 1,607 \$ 7,846	\$ \$ \$ \$ \$ \$	1,348 \$ 18,866 \$ 13,476 \$ 29 \$ 1,146 \$ 1,253 \$ 2,428 \$	6,579 92,111 65,794 142 5,594 6,119 11,855	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,805 \$ 25,273 \$ 18,052 \$ 39 \$ 1,535 \$ 1,679 \$ 3,253 \$	8,814 123,392 88,137 190 7,493 8,197 15,881	\$ \$ \$ \$ \$ \$	2,264 \$ 31,703 \$ 22,645 \$ 49 \$ 1,925 \$ 2,106 \$ 4,080 \$	11,056 154,784 110,560 239 9,400 10,282 19,921	\$ \$ \$ \$ \$ \$ \$ \$	2,456 \$ 34,385 \$ 24,561 \$ 53 \$ 2,088 \$ 2,284 \$ 4,425 \$	11,992 167,881 119,915 259 10,195 11,152 21,606	\$ \$ \$ \$ \$ \$	2,393 \$ 33,501 \$ 23,930 \$ 52 \$ 2,034 \$ 2,225 \$ 4,312 \$	11,683 163,565 116,832 252 9,933 10,865 21,051
OM&A	\$	1,666 \$ 8,134	s	1,190 \$ 5,810	s	1,224 \$	5,976	\$	1,258 \$	6,142	s	1,292 \$	6,308	\$	- s		s	- \$	
Amortization	\$ 1,167 \$	198 \$ 968	S 3.167 S	538 \$ 2.628	\$ 4.857 \$	826 S	4.031 S	6.595 \$	1.121 \$	5.474	S 8.381 S	1,425 \$	6.956	9.286 \$	1.579 \$	7.707 S	9.286 S	1.579 S	7,707
Grossed-up PILs	-\$	55 -\$ 271		140 -\$ 682	-\$	181 -S	883	-S	204 -\$	998	-S	212 -\$	1,033	-\$	159 -\$	779	-S	56 -S	276
Revenue Requirement	\$	2,418 \$ 11,804	\$	3,196 \$ 15,602	\$	4,297 \$	20,979	\$	5,427 \$	26,499	\$	6,585 \$	32,152	\$	5,845 \$		\$	5,834 \$	28,482
Provincial Rate Protection		\$ 11,804		\$ 15,602	= =	\$	20,979		\$	26,499		\$	32,152		\$	28,535		\$	28,482
Monthly Amount Paid by IESO		\$ 984		\$ 1,300	-	\$	1,748		\$	2,208		\$	2,679		\$	2,378		\$	2,374

Note 1: The difference between the actual costs of approved eligible investments and revenue received from the IESO should be recorded in a variance account. The Board may provide regulatory accounting guidance regarding a variance account either in an individual proceeding or on a generic basis.

PILs Calculation							
	2015	2016	2017	2018	2019	2020	2021
Income Tax	Direct Benefit Provincial	Direct Benefit Provincial	Direct Benefit Provincial	Direct Benefit Provincial	Direct Benefit Provincial	Direct Benefit Provincial	Direct Benefit Provincial
			Total	Total	Total	Total	
Net Income - ROE on Rate Base	\$ 314 \$ 1,534	\$ 829 \$ 4,050	\$ 1,253 \$ 6,119	\$ 1,679 \$ 8,197	\$ 2,106 \$ 10,282	\$ 2,284 \$ 11,152	\$ 2,225 \$ 10,865
Amortization (17% DB and 83% P)	\$ 198 \$ 968	\$ 538 \$ 2,628	\$ 826 \$ 4,031	\$ 1,121 \$ 5,474	\$ 1,425 \$ 6,956	\$ 1,579 \$ 7,707	\$ 1,579 \$ 7,707
CCA (17% DB and 83% P)	-\$ 666 -\$ 3,254	-\$ 1,755 -\$ 8,571	-\$ 2,581 -\$ 12,600	-\$ 3,367 -\$ 16,439	-\$ 4,118 -\$ 20,104	-\$ 4,305 -\$ 21,019	-\$ 3,961 -\$ 19,337
Taxable income	-\$ 154 -\$ 751	-\$ 388 -\$ 1,893	-\$ 502 -\$ 2,449	-\$ 567 -\$ 2,768	-\$ 587 -\$ 2,865	-\$ 442 -\$ 2,159	-\$ 157 -\$ 765
Tax Rate (to be entered)	26.50% 26.50%	26.50% 26.50%	26.50% 26.50%	26.50% 26.50%	26.50% 26.50%	26.50% 26.50%	26.50% 26.50%
Income Taxes Payable	-\$ 40.76 -\$ 199.02	-\$ 102.74 -\$ 501.61	-\$ 132.95 -\$ 649.09	-\$ 150.24 -\$ 733.53	-\$ 155.53 -\$ 759.36	-\$ 117.21 -\$ 572.24	-\$ 41.50 -\$ 202.62
Gross Up							
Income Taxes Payable	-\$ 55.46 -\$ 270.78	-\$ 139.78 -\$ 682.47	-\$ 180.88 -\$ 883.11	-\$ 204.41 -\$ 998.00	-\$ 211.61 -\$ 1,033.14	-\$ 159.46 -\$ 778.56	-\$ 56.46 -\$ 275.68
Grossed Up PILs	-\$ 55 -\$ 271	-\$ 140 -\$ 682	-\$ 181 -\$ 883	-\$ 204 -\$ 998	-\$ 212 -\$ 1,033	-\$ 159 -\$ 779	-\$ 56 -\$ 276

Appendix 2-FC Calculation of Renewable Generation Connection Direct Benefits/Provincial Amount: Renewable Expansion Investments

	Expansion Invest	tments								
Net Fixed Assets			2015	2016		2017	2018	2019	2020	2021
	Enter applicable amortization in years:	42			•					
Opening Gross Fixed Assets				\$ 98,000	\$	168,000	\$ 240,000	\$ 314,000	\$ 390,000	\$ 390,000
Gross Capital Additions			\$ 98,000	\$ 70,000	\$	72,000	\$ 74,000	\$ 76,000	\$ -	\$
Closing Gross Fixed Assets			\$ 98,000	\$ 168,000	\$	240,000	\$ 314,000	\$ 390,000	\$ 390,000	\$ 390,000
Opening Accumulated Amortization				\$ 1,167	\$	4,333	\$ 9,190	\$ 15,786	\$ 24,167	\$ 33,452
Current Year Amortization (before additions)				\$ 2,333	\$	4,000	\$ 5,714	\$ 7,476	\$ 9,286	\$ 9,286
Additions (half year)			\$ 1,167	\$ 833	\$	857	\$ 881	\$ 905	\$ -	\$ -
Closing Accumulated Amortization			\$ 1,167	\$ 4,333	\$	9,190	\$ 15,786	\$ 24,167	\$ 33,452	\$ 42,738
Opening Net Fixed Assets			\$ -	\$ 96,833	\$	163,667	\$ 230,810	\$ 298,214	\$ 365,833	\$ 356,548
Closing Net Fixed Assets			\$ 96,833	\$ 163,667	\$	230,810	\$ 298,214	\$ 365,833	\$ 356,548	\$ 347,262
Average Net Fixed Assets			\$ 48,417	\$ 130,250	\$	197,238	\$ 264,512	\$ 332,024	\$ 361,190	\$ 351,905
UCC for PILs Calculation										
			2015	2016		2017	2018	2019	2020	2021
Opening UCC				\$ 94,080	\$	153,754	\$ 210,573	\$ 264,767	\$ 316,546	\$ 291,222
Capital Additions (from Appendix 2-FA)			\$ 98,000	\$ 70,000	\$	72,000	\$ 74,000	\$ 76,000	\$ -	\$ -
UCC Before Half Year Rule			\$ 98,000	\$ 164,080	\$	225,754	\$ 284,573	\$ 340,767	\$ 316,546	\$ 291,222
Half Year Rule (1/2 Additions - Disposals)			\$ 49,000	\$ 35,000	\$	36,000	\$ 37,000	\$ 38,000	\$ -	\$ -
Reduced UCC			\$ 49,000	\$ 129,080	\$	189,754	\$ 247,573	\$ 302,767	\$ 316,546	\$ 291,222
CCA Rate Class (to be entered)		47	47	47		47	47	47	47	47
CCA Rate (to be entered)		8%	8%	8%		8%	8%	8%	8%	8%
CCA			\$ 3,920	\$ 10,326	\$	15,180	\$ 19,806	\$ 24,221	\$ 25,324	\$ 23,298
Closing UCC			\$ 94,080	\$ 153,754	\$	210,573	\$ 264,767	\$ 316,546	\$ 291,222	\$ 267,925

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 33

ATTACHMENT 33 RGCRP POWERSTREAM RZ

PowerStream Inc Renewable Generation Connection Rate Protection Compensation Amounts under Ontario Regulation 330/09

Summary of Revenue Requirement for Recovery in 2016 - 2020 RGC Eligible Investments

	Boar	d Approved RR Ba	sis	Pro	posed for Re	ecoveries - T	EST YEAR	3	
	2013 (EB-2012-0161)	2014 (EB-2013-0166)	2015 (EB-2014-0608)	2016	2017	2018	2019	2020	2021
2011 & Prior RGC Investmentt	\$162,684	\$67,769	\$53,805						
2012 RGC Investment		\$146,070	\$61,132						
2013 RGC Investment			\$146,353						
2014 RGC Investment				\$150,269 ⁽¹⁾					
2015 RGC Investment				\$4,208 ⁽²⁾					
2010-2020 RGC Investment				\$272,792	\$271,060	\$266,079	\$260,517	\$256,894	\$252,940
	\$162,684	\$213,839	\$261,290	\$427,270	\$271,060	\$266,079	\$260,517	\$256,894	\$252,940

NOTES:

- (1) Revenue Requirement for 2014 and 2015
- (2) Revenue Requirement for 2015

PowerStream Inc Renewable Generation Connection Rate Protection Compensation Amounts under Ontario Regulation 330/09

		2010			2011		20	12		2013		2014		2015		201	6		2017		2018		2019)		2020		2021
Net Fixed Assets		\$	40,060		\$ 27	5,566	\$	747,921		\$1,357,994		\$ 2,165,791	_	\$ 2,619,174	-	\$	2,576,445		\$ 2,501,089	-	\$ 2,394,161	_	\$ 2,	,288,879		\$ 2,184,420)	\$ 2,079,961
OM&A	\$ -			\$ -			\$		\$ -		\$ -		\$ -		\$	-		\$ -		\$ -		\$ -			\$ -		\$ -	
WCA	13.0%	\$		13.0%	\$	-	13.0% \$	-	13.0%	\$	13.0%	\$ -	13.0%	\$ -	13.0%	\$	-	13.0%	\$ -	13.0%	\$ -	13.0%	\$	-	13.0%	\$ -	13.0%	\$ -
Rate Base		\$	40,060		\$ 27	5,566	\$	747,921		\$1,357,994		\$ 2,165,791	_	\$ 2,619,174		\$	2,576,445	-	\$ 2,501,089	_	\$ 2,394,161	_	\$ 2,	,288,879	_	\$ 2,184,420	,	\$ 2,079,961
Deemed ST Debt	4%	\$	1,602	4%	\$ 1	1,023	4% \$	29,917	4%	\$ 54,320	4%	\$ 86,631.65	4%	\$ 104,767	4%	\$	103,058	4%	\$ 100,044	4%	\$ 95,766	4%	\$	91,555	4%	\$ 87,37	4%	\$ 83,198
Deemed LT Debt	56%	\$	22,433	56%	\$ 15	4,317	56% \$	418,835	56%	\$ 760,477	56%	\$ 1,212,843	56%	\$ 1,466,737	56%	\$	1,442,809	56%	\$ 1,400,610	56%	\$ 1,340,730	56%	\$ 1,	,281,772	56%	\$ 1,223,275	56%	\$ 1,164,778
Deemed Equity	40%	\$	16,024	40%	\$ 110	0,226	40% \$	299,168	40%	\$ 543,198	40%	\$ 866,317	40%	\$ 1,047,670	40%	\$	1,030,578	40%	\$ 1,000,436	40%	\$ 957,664	40%	\$	915,551	40%	\$ 873,768	40%	\$ 831,984
ST Interest	1.33%	\$	21	1.33%	\$	147	1.33% \$	398	2.08%	\$ 1,130	2.08%	\$ 1,802	2.08%	\$ 2,179	2.16%	\$	2,226	3.00%	\$ 3,001	3.00%	\$ 2,873	3.00%	\$	2,747	3.00%	\$ 2,621	3.00%	
LT Interest	5.89%	\$	1,321	5.89%	\$!	9,089	5.89% \$	24,669	4.15%	\$ 31,560	4.15%			\$ 60,870	3.96%	\$	57,117	4.01%	\$ 56,106				\$. ,	4.03%		4.03%	\$ 46,920
ROE	8.01%	\$	1,284	8.01%	····	8,829	8.01% \$	23,963	8.93%	\$ 48,508	8.93%				9.30%	\$	95,844	9.30%	\$ 93,041		,		\$		9.30%	\$ 81,260		
		\$	2,626		\$ 1	8,065	\$	49,031	-	\$ 81,197		\$ 129,497	_	\$ 156,606	_	\$	155,187	_	\$ 152,148		\$ 145,943		\$	139,526	_	\$ 133,158	<u> </u>	\$ 126,790
OM&A		\$			030 X 330303030		\$			\$		\$ -		\$ -		\$	-		\$ -		\$ -		\$	-		\$ -		\$ -
Amortization		\$	1,981		\$ 20		\$	50,132		\$ 73,342		\$ 104,659		\$ 118,982		\$	109,962		\$ 107,752		\$ 106,105		\$	104,459		\$ 104,459		\$ 104,459
Grossed-up PILs		-\$	152		-\$ 10	0,388	-5	11,375		\$ 1,215		\$ 3,431		\$ 3,107		\$	7,643		\$ 11,160		\$ 14,031		\$	16,532		\$ 19,27		\$ 21,691
											1		_		_	_		_				_			_			
Provincial Rate Protection - Revenue Requirement		\$	4,455		\$ 2	8,013	\$	87,788		\$ 155,754		\$ 237,587	_	\$ 278,694	_	\$	272,792		\$ 271,060		\$ 266,079	_	\$	260,517	_	\$ 256,894		\$ 252,940

PowerStream Inc Renewable Generation Connection Rate Protection Compensation Amounts under Ontario Regulation 330/09 PILs Calculation

	2	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
INCOME TAX													
Net Income	\$	1,284 \$	8,829	\$ 23,963	\$ 48,508	\$ 77,362 \$	93,557	\$ 95,844	93,041 \$	89,063 \$	85,146 \$	81,260 \$	77,375
Amortization	\$	1,981 \$	20,336	\$ 50,132	\$ 73,342	\$ 104,659 \$	118,982	\$ 109,962	107,752 \$	106,105 \$	104,459 \$	104,459 \$	104,459
CCA	-\$	3,650 -\$	55,550	\$ 105,646	\$ 118,480 -	-\$ 172,506 -\$	203,921 -	\$ 184,608 -	169,840 -\$	156,253 -\$	143,752 -\$	132,252 -\$	121,672
Change in taxable income	-\$	386 -\$	26,385	\$ 31,550	\$ 3,369	\$ 9,515 \$	8,617	\$ 21,198 \$	30,953 \$	38,915 \$	45,853 \$	53,467 \$	60,162
Tax Rate	28	3.25%	28.25%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Income Taxes Payable	-\$	109 -\$	7,454	\$ 8,361	\$ 893	\$ 2,522 \$	2,284	\$ 5,617 \$	8,202 \$	10,313 \$	12,151 \$	14,169 \$	15,943
ONTARIO CAPITAL TAX													
Closing Net Fixed Assets	\$	80,119 \$	471,012	\$ 1,024,829	\$ 1,691,160	\$ 2,640,423 \$	2,597,925	\$ 2,554,965 \$	2,447,213 \$	2,341,108 \$	2,236,649 \$	2,132,190 \$	2,027,731
Less: Exemption	\$	- \$	-	\$ -	\$ -	\$ - \$	- :	\$ - \$	- \$	- \$	- \$	- \$	-
Deemed Taxable Capital	\$	80,119 \$	471,012	\$ 1,024,829	\$ 1,691,160	\$ 2,640,423 \$	2,597,925	\$ 2,554,965 \$	2,447,213 \$	2,341,108 \$	2,236,649 \$	2,132,190 \$	2,027,731
Ontario Capital Tax Rate													
Net Amount (Taxable Capital x Rate)	\$	- \$	-	\$ -	\$ -	\$ - \$	-	\$ - \$	- \$	- \$	- \$	- \$	-
Gross Up	2	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Gross Up		2010 Payable	2011 PILs Payable	2012 PILs Payable	2013 PILs Payable	2014 PILs Payable	2015 PILs Payable	2016 PILs Payable	2017 PILs Payable	2018 PILs Payable	2019 PILs Payable		2021 PILs Payable
Gross Up Change in Income Taxes Payable			PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable		PILs Payable
·	PILs	Payable	PILs Payable	PILs Payable \$ 8,361	PILs Payable \$ 893	PILs Payable	PILs Payable	PILs Payable \$ 5,617 \$	PILs Payable	PILs Payable 10,313	PILs Payable \$ 12,151 \$	PILs Payable	PILs Payable
Change in Income Taxes Payable	PILs	Payable 109 -\$	PILs Payable 7,454	PILs Payable \$ 8,361 \$ -	PILs Payable \$ 893 \$ -	PILs Payable \$ 2,522 \$ \$ - \$	PILs Payable 2,284	PILs Payable \$ 5,617 \$ \$ - \$	PILs Payable 8,202 \$ - \$	PILs Payable 10,313 \$	PILs Payable \$ 12,151 \$ 5 - \$	PILs Payable 14,169 \$	PILs Payable 15,943
Change in Income Taxes Payable Change in OCT	PILs -\$ \$ -\$	Payable 109 -\$ - \$ 109 -\$	PILs Payable 7,454 - - 7,454 -	PILs Payable \$ 8,361 \$ - \$ 8,361	PILs Payable \$ 893 \$ - \$ 893	PILs Payable \$ 2,522 \$ \$ - \$ \$ 2,522 \$	PILs Payable 2,284 - 2,284	PILs Payable \$ 5,617 \$ \$ - \$ \$ 5,617 \$	PILs Payable 8,202 \$ \$ \$	PILs Payable 10,313 \$ 5 - \$ 5 10,313 \$	PILs Payable 12,151 \$ - \$ 12,151 \$	PILs Payable 14,169 \$ - \$ 14,169 \$	PILs Payable 15,943 - 15,943
Change in Income Taxes Payable Change in OCT	PILs -\$ \$ -\$	Payable 109 -\$ - \$ 109 -\$	PILs Payable 7,454 - 7,454 - 7,454 -	PILs Payable \$ 8,361 \$ - \$ 8,361	PILs Payable \$ 893 \$ - \$ 893	PILs Payable \$ 2,522 \$ \$ - \$ \$ 2,522 \$	PILs Payable 2,284 - 2,284	PILS Payable \$ 5,617 \$ \$ - \$ \$ 5,617 \$	PILs Payable 8,202 \$ \$ \$	PILs Payable 5 10,313 \$ 6 - \$ 7 10,313 \$ 7 2018	PILs Payable	PILs Payable 14,169 \$ 14,169 \$	PILs Payable 15,943 - 15,943 2021
Change in Income Taxes Payable Change in OCT	PILs -\$ \$ -\$	Payable 109 -\$ - \$ 109 -\$ 109 -\$	PILs Payable 7,454 - 7,454 - 7,454 - 2011 Grossed Up PILs	PILs Payable \$ 8,361 \$ - \$ 8,361 \$ 2012 Grossed Up PILs	PILs Payable \$ 893 \$ - \$ 893 Control	PILs Payable \$ 2,522 \$ \$ - \$ \$ 2,522 \$ 2014 Grossed Up PILs	PILs Payable 2,284 2,284 2,284 Consideration of the property	PILs Payable \$ 5,617 \$ \$ - \$ \$ 5,617 \$ \$ 5,617 \$ Contact of the payable of the	PILS Payable	PILS Payable 5 10,313 \$ 6 - \$ 6 10,313 \$ 7 10,313 \$ 7 2018 Grossed Up PILS	PILS Payable 5 12,151 \$ 6 - \$ 7 12,151 \$ 7 12,151 \$ 7 12,151 \$ 7 12,151 \$ 7 12,151 \$	PILs Payable	PILs Payable 15,943 - 15,943
Change in Income Taxes Payable Change in OCT	PILs -\$ \$ -\$	Payable 109 -\$ - \$ 109 -\$	PILs Payable 7,454 - 7,454 - 7,454 - 2011 Grossed Up PILs	PILs Payable \$ 8,361 \$ - \$ 8,361 \$ 2012 Grossed Up PILs	PILs Payable \$ 893 \$ - \$ 893 Control	PILs Payable \$ 2,522 \$ \$ - \$ \$ 2,522 \$ \$ 2014 Grossed Up PILs	PILs Payable 2,284 - 2,284 2015 Grossed Up PILs	PILs Payable \$ 5,617 \$ \$ - \$ \$ 5,617 \$ \$ 5,617 \$ Contact of the payable of the	PILS Payable	PILS Payable 5 10,313 5 6 - 5 6 10,313 5 7 2018 Grossed Up PILS	PILS Payable 5 12,151 \$ 6 - \$ 7 12,151 \$ 7 12,151 \$ 7 12,151 \$ 7 12,151 \$ 7 12,151 \$	PILs Payable 14,169 \$ 14,169 \$	PILs Payable 15,943 - 15,943 2021 rossed Up PILs
Change in Income Taxes Payable Change in OCT PIL's	PILs -\$ \$ -\$ -\$	Payable 109 -\$ - \$ 109 -\$ 109 -\$	PILS Payable 7,454 - 7,454 - 7,454 - 2011 Grossed Up PILS 10,388 -	PILs Payable \$ 8,361 \$ - \$ 8,361	PILs Payable \$ 893 \$ - \$ 893	PILs Payable \$ 2,522 \$ \$ - \$ \$ 2,522 \$ 2014 Grossed Up PILS \$ 3,431 \$ \$ - \$	PILS Payable 2,284 - 2,284 2015 Grossed Up PILS 3,107 -	PILs Payable \$ 5,617 5 \$ - 5 \$ 5,617 5 2016 Grossed Up PILs \$ 7,643 5 \$ - 5	PILS Payable	PILS Payable 10,313	PILS Payable 12,151 \$ - \$ 12,151 \$ 12,151 \$ 2019 Grossed Up PILS 16,532 \$ - \$	PILs Payable	PILs Payable 15,943 - 15,943 2021 rossed Up PILs 21,691 -

PowerStream Inc Renewable Generation Connection Rate Protection Compensation Amounts under Ontario Regulation 330/09 Average Net Fixed Assets

			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1818	Net Fixed Assets/1818/1821													
		Years												
	Opening Capital Investment	_	\$ - \$	30,624 \$	165,213 \$	466,518 \$	885,217 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371	\$1,316,371
	Capital Investment		\$ 30,624 \$	134,589 \$	301,305 \$	418,699 \$	431,155 \$	- \$	-					
	Closing Capital Investment	_	\$ 30,624 \$	165,213 \$	466,518 \$	885,217 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371 \$	1,316,371	\$1,316,371
	Opening Accumulated Amortization	-	\$ - \$	383 \$	2,831 \$	10,727 \$	27,624 \$	55,144 \$	88,053 \$	120,962 \$	153,872 \$	186,781 \$	219,690	\$ 252,600
	Amortization Year One	40	\$ 383 \$	1,682 \$	3,766 \$	5,234 \$	5,389 \$	- \$	- \$	- \$	- \$	- \$	-	\$ -
	Amortization Thereafter	40	\$ - \$	766 \$	4,130 \$	11,663 \$	22,130 \$	32,909 \$	32,909 \$	32,909 \$	32,909 \$	32,909 \$	32,909	\$ 32,909
	Closing Accumulated Amortization	_	\$ 383 \$	2,831 \$	10,727 \$	27,624 \$	55,144 \$	88,053 \$	120,962 \$	153,872 \$	186,781 \$	219,690 \$	252,600	\$ 285,509
	Once in Not Fined Assets			20.244 . Ć	162 202 - 6	455 700 ¢	057.502 6	4 264 227 - 6	1 220 240 . 6	1 105 100 6	1 162 500 . 6	1 120 500 . 6	1 000 001	ć4 0C2 772
	Opening Net Fixed Assets	-	\$ - \$	30,241 \$	162,382 \$	455,790 \$	857,593 \$	1,261,227 \$	1,228,318 \$	1,195,409 \$	1,162,500 \$	1,129,590 \$		\$1,063,772
	Closing Net Fixed Assets	-	\$ 30,241 \$	162,382 \$	455,790 \$	857,593 \$	1,261,227 \$	1,228,318 \$	1,195,409 \$	1,162,500 \$	1,129,590 \$	1,096,681 \$	1,063,772	\$1,030,862
	Average Net Fixed Assets	_	\$ 15,121 \$	96,312 \$	309,086 \$	656,691 \$	1,059,410 \$	1,244,773 \$	1,211,863 \$	1,178,954 \$	1,146,045 \$	1,113,136 \$	1,080,226	\$1,047,317
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1925	Net Fixed Assets/Software													
	Opening Capital Investment	_	\$ - \$	795 \$	71,358 \$	102,441 \$	102,441 \$	115,612 \$	115,612 \$	115,612 \$	115,612 \$	115,612 \$	115,612	\$ 115,612
	Capital Investment	Ī	\$ 795 \$	70,563 \$	31,083 \$	- \$	13,171 \$	- \$	-			· · · · · ·		
	Closing Capital Investment	_	\$ 795 \$	71,358 \$	102,441 \$	102,441 \$	115,612 \$	115,612 \$	115,612 \$	115,612 \$	115,612 \$	115,612 \$	115,612	\$ 115,612
	Opening Accumulated Amortization	_	\$ - \$	99 \$	0.110 ¢	30,843 \$	56,454 \$	83,710 \$	103,495 \$	110,673 \$	113,966 \$	115,612 \$	115 612	\$ 115,612
		4		8,820 \$	9,119 \$ 3,885 \$	- \$	1,646 \$	- \$	- \$	- \$	- \$	- \$	115,612	\$ 115,612
	Amortization Thereafter	4		199 \$	3,865 \$ 17,840 \$	- ş 25,610 \$	25,610 \$	- , 19,784.72 \$	- , 7,178.22 \$	- , 3,292.72 \$	- 3 1,646 \$	- ş - \$	-	\$ - \$ -
	Amortization Thereafter	_											115 612	
	Closing Accumulated Amortization	_	\$ 99 \$	9,119 \$	30,843 \$	56,454 \$	83,710 \$	103,495 \$	110,673 \$	113,966 \$	115,612 \$	115,612 \$	115,612	\$ 115,612
	Opening Net Fixed Assets	_	\$ - \$	696 \$	62,240 \$	71,598 \$	45,988 \$	31,902 \$	12,117 \$	4,939 \$	1,646 \$	- \$	-	\$ -
	Closing Net Fixed Assets		\$ 696 \$	62,240 \$	71,598 \$	45,988 \$	31,902 \$	12,117 \$	4,939 \$	1,646 \$	- \$	- \$	-	\$ -
	Average Net Fixed Assets	_	\$ 348 \$	31,468 \$	66,919 \$	58,793 \$	38,945 \$	22,009 \$	8,528 \$	3,292 \$	823 \$	- \$	-	\$ -
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1981	Net Fixed Assets /1981													
	Opening Capital Investment	_	\$ - \$	27,778 \$	134,226 \$	215,958 \$	246,682 \$	451,389 \$	451,389 \$	451,389 \$	451,389 \$	451,389 \$	451,389	\$ 451,389
	Capital Investment	Ī	\$ 27,778 \$	106,448 \$	81,732 \$	30,725 \$	204,707 \$	- \$	-	,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,	
	Closing Capital Investment	_	\$ 27,778 \$	134,226 \$	215,958 \$	246,682 \$	451,389 \$	451,389 \$	451,389 \$	451,389 \$	451,389 \$	451,389 \$	451,389	\$ 451,389
		_												
	Opening Accumulated Amortization		\$ - \$	926 \$	6,326 \$	17,999 \$	33,420 \$	56,689 \$	86,782 \$	116,874 \$	146,967 \$	177,060 \$	207,152	\$ 237,245
	Amortization Year One		\$ 926 \$	3,548 \$	2,724 \$	1,024 \$	6,824 \$	- \$	- \$	- \$	- \$	- \$	-	\$ -
	Amortization Thereafter	15		1,852 \$	8,948 \$	14,397 \$	16,445 \$	30,093 \$	30,093 \$	30,093 \$	30,093 \$	30,093 \$	30,093	\$ 30,093
	Closing Accumulated Amortization	_	\$ 926 \$	6,326 \$	17,999 \$	33,420 \$	56,689 \$	86,782 \$	116,874 \$	146,967 \$	177,060 \$	207,152 \$	237,245	\$ 267,338
	Opening Net Fixed Assets		\$ - \$	26,852 \$	127,900 \$	197,959 \$	213,262 \$	394,700 \$	364,608 \$	334,515 \$	304,422 \$	274,330 \$	244,237	\$ 214,144
	Closing Net Fixed Assets	_	\$ 26,852 \$	127,900 \$	197,959 \$	213,262 \$	394,700 \$	364,608 \$	334,515 \$	304,422 \$	274,330 \$	244,237 \$	214,144	\$ 184,052
	Average Net Fixed Assets	_	\$ 13,426 \$	77,376 \$	162,929 \$	205,610 \$	303,981 \$	379,654 \$	349,561 \$	319,469 \$	289,376 \$	259,283 \$	229,191	\$ 199,098
		_												

			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1822	Net Fixed Assets /P&C systems													
	Opening Capital Investment	\$	- \$	22,903 \$	110,667 \$	178,047 \$	203,379 \$	434,744 \$	511,228 \$	578,230 \$	578,230 \$	578,230 \$	578,230	\$ 578,230
	Capital Investment	\$	22,903 \$	87,764 \$	67,380 \$	25,332 \$	231,365 \$	76,484 \$	67,002					
	Closing Capital Investment	\$	22,903 \$	110,667 \$	178,047 \$	203,379 \$	434,744 \$	511,228 \$	578,230 \$	578,230 \$	578,230 \$	578,230 \$	578,230	\$ 578,230
	Opening Accumulated Amortization	\$	- \$	573 \$	3,912 \$	11,130 \$	20,665 \$	36,618 \$	60,268 \$	87,504 \$	116,416 \$	145,327 \$	174,239	\$ 203,150
	Amortization Year One 20	\$	573 \$	2,194 \$	1,685 \$	633 \$	5,784 \$	1,912 \$	1,675 \$	- \$	- \$	- \$	-	\$ -
	Amortization Thereafter 20	\$	- \$	1,145 \$	5,533 \$	8,902 \$	10,169 \$	21,737 \$	25,561 \$	28,912 \$	28,912 \$	28,912 \$	28,912	\$ 28,912
	Closing Accumulated Amortization	\$	573 \$	3,912 \$	11,130 \$	20,665 \$	36,618 \$	60,268 \$	87,504 \$	116,416 \$	145,327 \$	174,239 \$	203,150	\$ 232,062
	Opening Net Fixed Assets	\$	- \$	22,330 \$	106,755 \$	166,917 \$	182,714 \$	398,125 \$	450,960 \$	490,726 \$	461,814 \$	432,903 \$	403,991	\$ 375,080
	Closing Net Fixed Assets	\$	22,330 \$	106,755 \$	166,917 \$	182,714 \$	398,125 \$	450,960 \$	490,726 \$	461,814 \$	432,903 \$	403,991 \$	375,080	\$ 346,168
	Average Net Fixed Assets	\$	11,165 \$	64,543 \$	136,836 \$	174,816 \$	290,420 \$	424,543 \$	470,843 \$	476,270 \$	447,359 \$	418,447 \$	389,536	\$ 360,624
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1912	Net Fixed Assets /1912													
	Opening Capital Investment	\$	- \$	- \$	1,873 \$	1,873 \$	43,702 \$	82,005 \$	82,005 \$	82,005 \$	82,005 \$	82,005 \$	82,005	\$ 82,005
	Capital Investment	\$	- \$	1,873 \$	- \$	41,829 \$	38,303 \$	- \$	-					
	Closing Capital Investment	\$	- \$	1,873 \$	1,873 \$	43,702 \$	82,005 \$	82,005 \$	82,005 \$	82,005 \$	82,005 \$	82,005 \$	82,005	\$ 82,005
	Opening Accumulated Amortization	\$	- \$	- \$	19 \$	56 \$	512 \$	1,769 \$	3,409 \$	5,049 \$	6,689 \$	8,329 \$	9,970	\$ 11,610
	Amortization Year One 50	\$	- \$	19 \$	- \$	418 \$	383 \$	- \$	- \$	- \$	- \$	- \$	-	\$ -
	Amortization Thereafter 50	\$	- \$	- \$	37 \$	37 \$	874 \$	1,640 \$	1,640 \$	1,640 \$	1,640 \$	1,640 \$	1,640	\$ 1,640
	Closing Accumulated Amortization	\$	- \$	19 \$	56 \$	512 \$	1,769 \$	3,409 \$	5,049 \$	6,689 \$	8,329 \$	9,970 \$	11,610	\$ 13,250
	Opening Net Fixed Assets	\$	- \$	- \$	1,854 \$	1,817 \$	43,190 \$	80,236 \$	78,596 \$	76,956 \$	75,316 \$	73,676 \$	72,036	\$ 70,396
	Closing Net Fixed Assets	\$	- \$	1,854 \$	1,817 \$	43,190 \$	80,236 \$	78,596 \$	76,956 \$	75,316 \$	73,676 \$	72,036 \$	70,396	\$ 68,756
	Average Net Fixed Assets	\$	- \$	927 \$	1,836 \$	22,503 \$	61,713 \$	79,416 \$	77,776 \$	76,136 \$	74,496 \$	72,856 \$	71,216	\$ 69,576
			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1845	Net Fixed Assets /1845		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
					0.000 4	122.111.6	255 520 4	400 750 4	400 750 . 6	400 750 . 6	100 750 . 6	100 750 . 6	400.750	A 400 750
	Opening Capital Investment Capital Investment	\$	- \$ - \$	- \$ 9,992 \$	9,992 \$ 122,449 \$	132,441 \$ 223,088 \$	355,529 \$ 135,221 \$	490,750 \$	490,750 \$	490,750 \$	490,750 \$	490,750 \$	490,750	\$ 490,750
	Closing Capital Investment	Ś	- \$	9,992 \$	132,441 \$	355,529 \$	490,750 \$	490,750 \$	490,750 \$	490,750 \$	490,750 \$	490,750 \$	490,750	\$ 490,750
	closing capital investment		Ť	3,332	102,111 0	333,323 ¥	130,730 φ	130,730 ф	130,730 φ	130,730 φ	130,730 φ	130,730 ў	130,730	ψ 130,730
	Opening Accumulated Amortization	\$	- \$	- \$	111 \$	1,694 \$	7,116 \$	16,519 \$	27,424 \$	38,330 \$	49,235 \$	60,141 \$	71,046	\$ 81,952
	Amortization Year One 45		- \$	111 \$	1,361 \$	2,479 \$	1,502 \$	- \$	- \$	- \$	- \$	- \$	-	\$ -
	Amortization Thereafter 45	\$	- \$	- \$	222 \$	2,943 \$	7,901 \$	10,906 \$	10,906 \$	10,906 \$	10,906 \$	10,906 \$	10,906	
	Closing Accumulated Amortization	Ş	- \$	111 \$	1,694 \$	7,116 \$	16,519 \$	27,424 \$	38,330 \$	49,235 \$	60,141 \$	71,046 \$	81,952	\$ 92,858
	Opening Net Fixed Assets	\$	- \$	- \$	9,881 \$	130,748 \$	348,414 \$	474,232 \$	463,326 \$	452,421 \$	441,515 \$	430,610 \$	419,704	\$ 408,798
	Closing Net Fixed Assets	\$	- \$	9,881 \$	130,748 \$	348,414 \$	474,232 \$	463,326 \$	452,421 \$	441,515 \$	430,610 \$	419,704 \$	408,798	\$ 397,893
	Average Net Fixed Assets	\$	- \$	4,940 \$	70,314 \$	239,581 \$	411,323 \$	468,779 \$	457,873 \$	446,968 \$	436,062 \$	425,157 \$	414,251	\$ 403,346
	TOTALS													
	Additions	\$	82,100 \$	411,229 \$	603,949 \$	739,673 \$	1,053,922 \$	76,484 \$	67,002 \$	- \$	- \$	- \$	-	\$ -
	Average Net Fixed Assets	\$	40,060 \$	275,566 \$	747,921 \$	1,357,994 \$	2,165,791 \$	2,619,174 \$	2,576,445 \$	2,501,089 \$	2,394,161 \$	2,288,879 \$		\$2,079,961
	Total Amortization	\$	1,981 \$	20,336 \$	50,132 \$	73,342 \$	104,659 \$	118,982 \$	109,962 \$	107,752 \$	106,105 \$	104,459 \$	104,459	\$ 104,459
	Closing NFA	\$	80,119 \$	471,012 \$	1,024,829 \$	1,691,160 \$	2,640,423 \$	2,597,925 \$	2,554,965 \$	2,447,213 \$	2,341,108 \$	2,236,649 \$	2,132,190	\$2,027,731

For	PII	Cal	lcu	lati	ion

Tot Ties calculation		2010		2011	2012	2013	2014	2015	2016	2017	2018		2019	2	2020	2021
UCC / Class 47																
Opening UCC		\$ -	Ś	78,053 \$	398,848 \$	916,891 \$	1,553,626 \$	2,428,456 \$	2,307,605 \$	2,122,996	\$ 1,953	R 157 Š	1,796,904	\$ '	1 653 152	\$1,520,900
Capital Additions		\$ 81.30	Υ	340,666 \$	572,866 \$	739,673 \$	1,040,751 \$	76,484	2,507,005 \$	2,122,550	7 1,55.	,,13, y	1,750,504	, .	1,055,152	\$1,520,500
UCC Before Half Year Rule		\$ 81.30		418,719 \$	971.714 \$	1,656,564 \$	2,594,376 \$	2,504,940 \$	2,307,605 \$	2,122,996	\$ 1.953	3,157 \$	1,796,904	Ś :	1.653.152	\$1,520,900
Half Year Rule (1/2 Additions - Disposals)		\$ 40,65	53 \$	170,333 \$	286,433 \$	369,836 \$	520,375 \$	38,242 \$	- Ś	-	\$	- Ś	-	Ś	-	\$ -
Reduced UCC		\$ 40,65		248,386 \$	685,281 \$	1,286,728 \$	2,074,001 \$	2,466,698 \$	2,307,605 \$	2,122,996	\$ 1,953	3,157 \$	1,796,904	\$:	1,653,152	\$1,520,900
CCA Rate Class	47		•													
CCA Rate	8%	8%		8%	8%	8%	8%	8%	8%	8%	8%		8%		8%	8%
CCA		\$ 3,25	52 \$	19,871 \$	54,822 \$	102,938 \$	165,920 \$	197,336 \$	184,608 \$	169,840	\$ 150	5,253 \$	143,752	\$	132,252	\$ 121,672
Closing UCC		\$ 78,05	53 \$	398,848 \$	916,891 \$	1,553,626 \$	2,428,456 \$	2,307,605 \$	2,122,996 \$	1,953,157	\$ 1,796	5,904 \$	1,653,152	\$:	1,520,900	\$1,399,228
																-
	_															
UCC / Class 12		2012		2011	2012	2013	2014	2015	2016	2017	2018		2019	2	2020	2021
OCC / Class 12		2010		2011	2012	2013	2014	2013	2010	2017	_0_0		2019	-	2020	2021
UCC / Class 12		2010		2011	2012	2013	2014	2013	2010	2017	2020		2019	-	1020	2021
DCC / Class 12	4	2010							2010	2017			2013			2021
Opening UCC	1	\$ -	\$	398 \$	35,282 \$	15,542 \$	- \$	6,585 \$	- \$	-	\$	- \$	-	\$	-	\$ -
Opening UCC Capital Additions	-	\$ - \$ 79	95 \$	398 \$ 70,563 \$	35,282 \$ 31,083 \$	15,542 \$	- \$ 13,171 \$	6,585 \$		-	\$	- \$	-	\$	-	\$ -
Opening UCC Capital Additions UCC Before Half Year Rule	4	\$ - \$ 79 \$ 79	95 \$	398 \$ 70,563 \$ 70,961 \$	35,282 \$ 31,083 \$ 66,365 \$		- \$ 13,171 \$ 13,171 \$	6,585 \$	- \$ - \$	-		- \$ - \$			-	
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals)	_	\$ - \$ 79 \$ 39	95 \$ 95 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$	15,542 \$ - \$ 15,542 \$ \$	- \$ 13,171 \$ 13,171 \$ 6,585 \$	6,585 \$ - 6,585 \$ - \$	- \$ - \$ - \$	-	\$	- \$	-	\$ \$ \$	-	\$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC	-	\$ - \$ 79 \$ 39	95 \$	398 \$ 70,563 \$ 70,961 \$	35,282 \$ 31,083 \$ 66,365 \$	15,542 \$ - \$ 15,542 \$	- \$ 13,171 \$ 13,171 \$	6,585 \$ - 6,585 \$	- \$ - \$	-	\$	- \$ - \$	-	\$	-	\$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class	12	\$ - \$ 79 \$ 79 \$ 39 \$ 39	95 \$ 95 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$	15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$ - \$	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$	6,585 \$	- \$ - \$ - \$	-	\$ \$ \$ \$	- \$ - \$ - \$	-	\$ \$ \$ \$		\$ - \$ - \$ - \$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate	12 100%	\$ - \$ 75 \$ 75 \$ 35 \$ 30	95 \$ 95 \$ 98 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$	15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$	6,585 \$	- \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$	-	\$ \$ \$ \$		\$ - \$ - \$ - \$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate CCA		\$ - \$ 75 \$ 75 \$ 35 \$ 36 \$ 38	95 \$ 95 \$ 98 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$ 100%	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$	15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$ - \$	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$ 100%	6,585 \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$	- \$ - \$ - \$	-	\$ \$ \$ \$		\$ - \$ - \$ - \$ - \$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate		\$ - \$ 75 \$ 75 \$ 35 \$ 36 \$ 38	95 \$ 95 \$ 98 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$	15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$	6,585 \$	- \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$		\$ \$ \$ \$	- - - -	\$ - \$ - \$ - \$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate CCA Closing UCC		\$ - \$ 75 \$ 75 \$ 35 \$ 36 \$ 38	95 \$ 95 \$ 98 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$ 100%	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$	15,542 \$ \$ 15,542 \$ \$ 15,542 \$ 100%	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$ 100%	6,585 \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$		\$ \$ \$ \$	- - - -	\$ - \$ - \$ - \$ - \$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate CCA Closing UCC		\$ - \$ 75 \$ 75 \$ 36 \$ 38 \$ 39 \$ 39	95 \$ 95 \$ 98 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$ 100% 35,679 \$ 35,282 \$	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$ 100% 50,823 \$ 15,542 \$	15,542 \$ - \$ 15,542 \$ - \$ 15,542 \$ 100% 15,542 \$ - \$	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$ 100% 6,585 \$ 6,585 \$	6,585 \$ \$ 6,585 \$ 100% 6,585 \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$		\$ - \$ - \$ - \$ - \$ - \$ -
Opening UCC Capital Additions UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate CCA Closing UCC		\$ - \$ 75 \$ 75 \$ 36 \$ 38 \$ 39 \$ 39	95 \$ 95 \$ 98 \$ 98 \$	398 \$ 70,563 \$ 70,961 \$ 35,282 \$ 35,679 \$ 100%	35,282 \$ 31,083 \$ 66,365 \$ 15,541.63 \$ 50,823 \$	15,542 \$ \$ 15,542 \$ \$ 15,542 \$ 100%	- \$ 13,171 \$ 13,171 \$ 6,585 \$ 6,585 \$ 100%	6,585 \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$	100%	\$ \$ \$ \$ \$ \$		\$ - \$ - \$ - \$ - \$ -

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 34

ATTACHMENT 34 RGCRP ENERSOURCE RZ

Appendix 2-FB

Calculation of Renewable Generation Connection Direct Benefits/Provincial Amount: Renewable Enabling Improvement Investments

This table will calculate the distributor/provincial shares of the investments entered in Part A of Appendix 2-FA. Enter values in green shaded cells: WCA percentage, debt percentages, interest rates, kWh, tax rates, amortization period, CCA Class and percentage. For historical investments, enter these variables for your last cost of service test year. For 2016 and beyond, enter variables as in the application.

Rate Riders are not calculated for Test Year as these assets and costs are already in the distributor's rate base/revenue requirement.

	i		2010			2011			2012		2013			2014			2015	
	l.		Direct Benefit	Provincial		Direct Benefit	Provincial	Dir	ect Benefit	Provincial	Direct Benefit	Provincial	Dire	ct Benefit P	rovincial	D	irect Benefit	Provincial
		Total	6%	94%	Total	6%	94%	Total	6%	94%	Total 6%	94%	Total	6%	94%	Total	6%	94%
Net Fixed Assets (average)		\$ 11,110	\$ 66	7 \$ 10,443	\$ 64,140	\$ 3,848	\$ 60,292	\$ 183,723 \$	11,023	172,700	\$ 332,417 \$ 19,94	5 \$ 312,472	\$ 456,550 \$	27,393 \$	429,157	\$ 575,885 \$	34,553	\$ 541,332
Incremental OM&A (on-going, N/A for Provi		\$0	\$ -		\$0	\$ -		\$0 \$	-		\$23,800 \$ 23,80	0	\$23,439 \$	23,439		\$43,615 \$	43,615	
Incremental OM&A (start-up, applicable for		\$0	\$ -	\$ -	\$0	\$ -	\$ -	\$0 \$	- \$	-	\$0 \$ -	\$ -	\$0 \$	- \$	-	\$0 \$	-	\$ -
WCA	14%		\$ -	\$ -	-	\$ -	\$ -	\$		\$ -	\$ 3,21		\$	3,164 \$		_\$	5,888	\$ -
Rate Base			\$ 66	7 \$ 10,443		\$ 3,848	\$ 60,292	\$	11,023 \$	172,700	\$ 23,15	8 \$ 312,472	\$	30,557 \$	429,157	\$	40,441	\$ 541,332
	2008 COS	2013 COS																
Deemed ST Debt	4%	4%	\$ 2	7 \$ 418		\$ 154	\$ 2,412	\$	441 \$	6,908	\$ 92	6 \$ 12,499	\$	1,222 \$	17,166	s	1,618	\$ 21,653
Deemed LT Debt	56%	56%	\$ 37	3 \$ 5,848		\$ 2,155	\$ 33,763	\$	6,173	96,712	\$ 12,96	8 \$ 174,984	\$	17,112 \$	240,328	\$	22,647	\$ 303,146
Deemed Equity	40%	40%	\$ 26	7 \$ 4,177		\$ 1,539	\$ 24,117	\$	4,409 \$	69,080	\$ 9,26	3 \$ 124,989	\$	12,223 \$	171,663	\$	16,176	\$ 216,533
ST Interest	4.47%	2.08%		1 \$ 19		\$ 7	\$ 108	\$	20 \$		•	9 \$ 260	\$	25 \$	357	\$	34	
LT Interest	6.44%	5.09%		\$ 377		\$ 139	\$ 2,174	\$	398 \$	6,228	\$ 66		\$	871 \$	12,233	S	1,153	
ROE Cost of Capital Total	8.57%	8.93%		3 \$ 358 3 \$ 753		\$ 132 \$ 278	\$ 2,067 \$ 4.349	\$	378 \$ 795 \$	5,920	\$ 82	7 \$ 11,161 7 \$ 20,328	\$	1,092 \$	15,329 27,919	_\$	1,445	
Cost of Capital Total			- 4	5 \$ 755		\$ 210	\$ 4,549	3	795 \$	12,437	\$ 1,50	7 \$ 20,320	•	1,900 \$	21,919	_ 4	2,031	\$ 33,217
OM&A			\$ -	s -		s - :	s -	\$	- 5		\$ 23,80	0 \$ -	\$	23,439 \$		s	43,615	\$ -
Amortization		\$ 766	\$ 4	3 \$ 720	\$ 4,476	\$ 269	\$ 4,207	\$ 13,032 \$	782	12,250	\$ 24,186 \$ 1,45	1 \$ 22,735	\$ 34,414 \$	2,065 \$	32,349	\$ 45,018 \$	2,701	\$ 42,317
Grossed-up PILs			-\$ 3	5 -\$ 551	-	-\$ 140 -	\$ 2,194	-\$	125 -	1,956	\$ 10	6 \$ 1,012	\$	310 \$	4,217	\$	452	\$ 5,893
Barrer Barrel						. 100		-	4.450	22.751	6 000	4 6 44.075	_	07.000 #	04.405	_	49,399	\$ 83,426
Revenue Requirement			\$ 5	9 \$ 922		\$ 406	\$ 6,362	\$	1,452	22,/51	\$ 26,86	4 \$ 44,075	\$	27,802 \$	64,485	_3	49,399	\$ 83,420
Provincial Rate Protection				\$ 922	-		\$ 6,362		3	22,751		\$ 44,075		\$	64,485		_	\$ 83,426
M				\$ 77	-	_	ė 500		_	1,896		\$ 3,673		_	5.374		-	\$ 6,952
Monthly Amount Paid by IESO				\$ //	=	=	\$ 530		_3	1,896		\$ 3,673		\$	5,374		-	a 6,952

Note 1: The difference between the actual costs of approved eligible investments and revenue received from the IESO should be recorded in a variance account. The Board may provide regulatory accounting guidance regarding a variance account either in an individual proceeding or on a generic basis.

Note 2: For the 2016 Test Year, Costs and Revenues of the Direct Benefit are to be included in the test year applicant Rate Base and Revenues.

Additions (half year)
Closing Accumulated Amortization Opening Net Fixed Assets

Note 2: For the 2016 Test Year, Costs and Revenues of the Direct Benefit are to	be included in the test year applicant Rate Base and R	evenues.			
PILs Calculation					
	2010	2011 2012	2013	2014	2015
Income Tax	Direct Benefit Provincial	Direct Benefit Provincial Direct Benefit Provincial	rovincial Direct Benefit Provincial	Direct Benefit Provincial Di	irect Benefit Provincial
Net Income - ROE on Rate Base	\$ 23 \$ 358	\$ 132 \$ 2,067 \$ 378 \$	5,920 \$ 827 \$ 11,161	\$ 1,092 \$ 15,329 \$	1,445 \$ 19,336
Amortization (6% DB and 94% P)	\$ 46 \$ 720	\$ 269 \$ 4,207 \$ 782 \$	12,250 \$ 1,451 \$ 22,735	\$ 2,065 \$ 32,349 \$	2,701 \$ 42,317
CCA (6% DB and 94% P)	-\$ 147 -\$ 2,305	-\$ 756 -\$ 11,848 -\$ 1,506 -\$	23,595 -\$ 1,984 -\$ 31,089	-\$ 2,297 -\$ 35,983 -\$	2,892 -\$ 45,309
Taxable income	-\$ 78 -\$ 1,227	-\$ 356 -\$ 5,574 <u>-</u> \$ 346 -\$	5,425 \$ 294 \$ 2,807	\$ 860 \$ 11,696 \$	1,254 \$ 16,344
Tax Rate (to be entered)	31.00% 31.00%	28.25% 28.25% 26.50%	26.50% 26.50% 26.50%	26.50% 26.50%	26.50% 26.50%
Income Taxes Payable Gross Up	-\$ 24.27 -\$ 380.28	-\$ 100.50 -\$ 1,574.55 -\$ 91.77 -\$	1,437.66 \$ 77.90 \$ 743.89	\$ 227.78 \$ 3,099.33	332.19 \$ 4,331.15
Income Taxes Payable	\$ (35.18) \$ (551.13)	\$ (140.07) \$ (2,194.49) \$ (124.85) \$	(1,956.00) \$ 105.98 \$ 1,012.10	\$ 309.91 \$ 4.216.78 \$	451.96 \$ 5.892.72
Grossed Up PILs	-\$ 35 -\$ 551	-\$ 140 -\$ 2,194 -\$ 125 -\$	1,956 \$ 106 \$ 1,012	\$ 310 \$ 4,217 \$	452 \$ 5,893
			<u> </u>		
	2010 2011 2012	2013 2014 2015 2016	2017 2018 2019 2020 2021	¬	
Net Fixed Assets	2010 2011 2012	2013 2014 2015 2016	2017 2018 2019 2020 2021		
Enter applicable amortization in years: 15					
Opening Gross Fixed Assets	\$ 60,530 \$ 257	,943 \$ 398,172 \$ 507,450 \$ 594,475 \$ 832,047 \$	993,994 \$ 1,244,636 \$ 1,350,780 \$ 1,406,711 \$ 1,443,998	=	
Gross Capital Additions	\$ 61,297 \$ 197,413 \$ 140	,229 \$ 109,278 \$ 87,025 \$ 237,572 \$ 161,946 \$	250,642 \$ 106,144 \$ 55,931 \$ 37,288 \$ -	_	
Closing Gross Fixed Assets	\$ 61,297 \$ 257,943 \$ 398	,172 \$ 507,450 \$ 594,475 \$ 832,047 \$ 993,994 \$	1,244,636 \$ 1,350,780 \$ 1,406,711 \$ 1,443,998 \$ 1,443,998	_	
Opening Accumulated Amortization	\$ 2.043 \$ 12	.659 \$ 34.530 \$ 64.717 \$ 101.448 \$ 148.999 \$	209.867 \$ 284.488 \$ 371.001 \$ 462.918 \$ 557.941	=	
Opening Accumulated Amortization Current Year Amortization (before additions)		,059 \$ 34,530 \$ 64,717 \$ 101,446 \$ 148,999 \$	209,867 \$ 284,488 \$ 371,001 \$ 462,918 \$ 557,941 66,266 \$ 82,976 \$ 90,052 \$ 93,781 \$ 96,267		
Additions (half year)		.674 \$ 3.643 \$ 2.901 \$ 7.919 \$ 5.398 \$	8.355 \$ 3.538 \$ 1.864 \$ 1.243 \$ -		
Closing Accumulated Amortization		.530 \$ 64,717 \$ 101,448 \$ 148,999 \$ 209,867 \$	284,488 \$ 371,001 \$ 462,918 \$ 557,941 \$ 654,208	=:	
Glosing Accumulated Amortization	9 2,045 9 12,059 \$ 54	,000 \$ 04,111 \$ 101,440 \$ 140,999 \$ 209,001 \$	204,400 9 371,001 9 402,910 \$ 337,941 \$ 034,200	_	

 - \$
 58,487 \$
 245,284 \$
 363,643 \$
 442,733 \$
 493,028 \$
 683,049 \$
 784,127 \$
 960,148 \$
 979,779 \$
 943,793 \$
 886,057

Closing Net Fixed Assets		\$ 59,25	3 \$	245,284	\$ 363,643	\$ 442,733	\$ 493,028	\$ 683,049	\$ 784,127	\$ 960,148	\$ 979,779	\$ 943,793	\$ 886,057	\$ 789,790
Average Net Fixed Assets		\$ 29,62	7 \$	151,886	\$ 304,464	\$ 403,188	\$ 467,881	\$ 588,038	\$ 733,588	\$ 872,138	\$ 969,963	\$ 961,786	\$ 914,925	\$ 837,924
UCC for PILs Calculation														
		2010		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Opening UCC			\$	58,845	\$ 243,654	\$ 358,781	\$ 434,986	\$ 483,731	\$ 673,101	\$ 774,722	\$ 953,361	\$ 978,990	\$ 954,364	\$ 913,811
Capital Additions (from Appendix 2-FA)		\$ 61,29	7 \$	197,413	\$ 140,229	\$ 109,278	\$ 87,025	\$ 237,572	\$ 161,946	\$ 250,642	\$ 106,144	\$ 55,931	\$ 37,288	\$ -
UCC Before Half Year Rule		\$ 61,29	7 \$	256,258	\$ 383,883	\$ 468,059	\$ 522,011	\$ 721,303	\$ 835,048	\$ 1,025,364	\$ 1,059,505	\$ 1,034,921	\$ 991,652	\$ 913,811
Half Year Rule (1/2 Additions - Disposals)		\$ 30,641	3 \$	98,707	\$ 70,114	\$ 54,639	\$ 43,513	\$ 118,786	\$ 80,973	\$ 125,321	\$ 53,072	\$ 27,965	\$ 18,644	\$ -
Reduced UCC		\$ 30,64	3 \$	157,551	\$ 313,768	\$ 413,420	\$ 478,498	\$ 602,517	\$ 754,075	\$ 900,043	\$ 1,006,433	\$ 1,006,955	\$ 973,008	\$ 913,811
CCA Rate Class (to be entered)	47	47		47	47	47	47	47	47	47	47	47	47	47
CCA Rate (to be entered)	8%	8%		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
CCA		\$ 2,452	2 \$	12,604	\$ 25,101	\$ 33,074	\$ 38,280	\$ 48,201	\$ 60,326	\$ 72,003	\$ 80,515	\$ 80,556	\$ 77,841	\$ 73,105
Closing UCC		\$ 58,84	5 \$	243,654	\$ 358,781	\$ 434,986	\$ 483,731	\$ 673,101	\$ 774,722	\$ 953,361	\$ 978,990	\$ 954,364	\$ 913,811	\$ 840,706

		2016					2017					2018					2019					202	0		1		2	021		
	Dire	ct Benefit		Provincial		Dire	ct Benefit	Pro	vincial		Dire	ect Benefit	Р	rovincial		Dire	ct Benefit	Pr	rovincial			Direct Be	enefit	Provincia	_		Dire	ct Benefit	Prov	vincial
Total		6%		94%	Total		6%		94%	Total		6%	-	94%	Total		6%		94%	Tota		6%		94%		Total		6%		4%
\$ 701,277	\$	42.077	s	659.201	\$819,276	\$	49,157			\$948.075	\$		s	891,190	\$975,818	s			917,269					\$ 834,94	s	797,520	\$	47,851		
 58,050	\$	58,050			\$51,196		51,196			\$63,047	\$	63,047			\$0	-\$	0			s	- '	\$	-			\$0	\$	-		
\$0	\$	-	\$	-	\$0	\$		\$	-	\$0	\$		\$	-	\$0	\$	-	\$	-	\$0		\$	-	\$ -		\$0	\$	-	\$	-
	\$	7,837	\$	-		\$	6,911	\$	-		\$	8,511	\$	-		-\$	0	\$	-			\$	-	\$ -			\$	-	\$	-
	\$	49,913	\$	659,201	-	\$	56,068	\$ 7	70,119		\$	65,396	\$	891,190		\$	58,549	\$	917,269		•	\$ 5	3,294	\$ 834,94	3		\$	47,851	\$ 74	49,669
	\$	1,997	\$	26,368		\$	2,243	\$	30,805		\$	2,616	\$	35,648		\$	2,342	\$	36,691			\$	2,132	\$ 33,39	3		\$	1,914	\$ 2	29,987
	\$	27,951	\$	369,152		\$	31,398	\$ 4	31,267		\$	36,622	\$	499,067		\$	32,787	\$	513,671			\$ 2	9,845	\$ 467,570)		\$	26,797	\$ 41	19,815
	\$	19,965	\$	263,680		\$	22,427	\$ 3	808,048		\$	26,158	\$	356,476		\$	23,420	\$	366,908			\$ 2	1,318	\$ 333,97	3		\$	19,140	\$ 29	99,868
	\$	42	s	548		\$	47	\$	641		\$	54	s	741		s	49	s	763			\$	44	\$ 699	5		\$	40	s	624
	\$	1.423	s	18.790		\$	1.598	\$	21.951		\$	1.864	s	25.402		s	1.669	s	26.146			\$	1.519	\$ 23.79	,		\$	1.364	s 2	21.369
	\$	1,783	\$	23,547		\$	2,003	\$	27,509		\$	2,336	\$	31,833		\$	2,091	\$	32,765			\$	1,904	\$ 29,824	ı		\$	1,709	\$ 2	26,778
	\$	3,247	\$	42,885		\$	3,648	\$	50,101		\$	4,254	\$	57,977		\$	3,809	\$	59,674			\$	3,467	\$ 54,31	3		\$	3,113	\$ 4	48,770
	\$	58,050	\$	-		\$	51,196	\$	-		\$	63,047	\$	-		-\$	0	\$	-			\$	-	\$ -			\$	-	\$	-
\$ 56,770	\$	3,406			\$ 68,823	\$	4,129		64,694	\$ 82,452	\$	4,947	\$		\$ 90,617	\$	5,437			\$ 90	720	\$		\$ 85,27		90,720	\$	5,443		85,277
	\$	566	\$	7,285		\$	653	\$	8,840		\$	884	\$	12,134		\$	972	\$	15,223			\$	965	\$ 15,11	3		\$	997	\$ 1	15,625
	\$	65,269	\$	103,534	•	\$	59,626	\$	23,635	•	\$	73,133	\$	147,617		\$	10,218	\$	160,077			\$	9,875	\$ 154,71	_		\$	9,554	\$ 14	49,672
			\$	103,534	-			\$	23,635	-			\$	147,617				\$	160,077					\$ 154,71					\$ 14	49,672
													Ξ					_							_					
			\$	8,628				\$10	,302.93				\$	12,301				\$	13,340					\$ 12,893	_				\$ 1	12,473

20	116			201	7		201	18	Г Г		2019			202	20			202	21	\neg
Benefit	Provin	cial	Direc	Benefit	Provincial	Direc	Benefit	Provincial	D	irect Bene	it P	rovincial	Dire	ct Benefit	Provincial		Direc	t Benefit	Prov	rincial
1,783	\$ 2	3,547	\$	2,003	\$ 27,509	\$	2,336	\$ 31,833	:	2,09	1 \$	32,765	\$	1,904	\$ 29,824		\$	1,709	\$ 2	26,778
3,406	\$ 5	3,364	\$	4,129	\$ 64,694	\$	4,947	\$ 77,505	\$	5,43	7 \$	85,180	\$	5,443	\$ 85,277		\$	5,443	\$ 8	35,277
3,620	-\$ 5	6,706	-\$	4,320	-\$ 67,683	-\$	4,831	-\$ 75,684	-9	4,83	3 -\$	75,723	-\$	4,670	-\$ 73,170		-\$	4,386	-\$ 6	38,719
1,570	\$ 2	0,204	\$	1,812	\$ 24,519	\$	2,452	\$ 33,655		2,69	5 \$	42,222	\$	2,676	\$ 41,931		\$	2,766	\$ 4	13,336
3.50%	26.50	%	20	3.50%	26.50%	2	8.50%	26.50%		26.50%		26.50%		26.50%	26.50%		26	3.50%	26	.50%
415.94	\$ 5,3	54.15	\$	480.16	\$ 6,497.63	\$	649.84	\$ 8,918.55	\$	714.	8 \$1	1,188.77	\$	709.25	\$11,111.61		\$	733.03	\$11,4	184.07
			\$			\$. ,			_		\$				\$			624.58 15,625
	1,783 3,406 3,620 1,570 3.50% 415.94	1,783 \$ 2 3,406 \$ 5 3,620 -\$ 5 1,570 \$ 2 5,50% 26,50 415,94 \$ 5,3	Provincial	Benefit Provincial Direct 1,783 \$ 23,547 \$ 3,406 3,406 \$ 53,364 \$ 6,706 3,520 \$ 56,706 \$ 5 1,570 \$ 20,204 \$ 20,204 415,94 \$ 5,354,15 \$ 5 565,90 \$ 7,284,55 \$ 5	Benefit Provincial Direct Benefit 1,783 \$ 23,547 \$ 2,003 3,406 \$ 53,364 \$ 4,129 3,620 \$ 66,706 \$ 4,329 1,570 \$ 20,204 \$ 1,812 3,50% 26,50% 26,50% 415,94 \$ 5,354.15 \$ 480.16 565,90 \$ 7,284.55 \$ 653.29	Benefit Provincial Direct Benefit Provincial 1,783 \$ 23,547 \$ 2,003 \$ 27,509 3,406 \$ 53,364 \$ 4,129 \$ 64,694 3,620 \$ 56,706 \$ 4,320 \$ 7,609 1,570 \$ 20,204 \$ 1,812 \$ 24,519 3,50% 26,50% 26,50% 26,50% 26,50% 415,94 \$ 5,354,15 \$ 480,16 \$ 6,497,63 565,90 \$ 7,284,55 \$ 653,29 \$ 8,840,32	Benefit Provincial Direct Benefit Provincial Direct 1,783 \$ 23,547 \$ 2,003 \$ 27,509 \$ 3,406 \$ 53,364 \$ 4,129 \$ 64,694 \$ 3,620 \$ 56,706 \$ 4,329 \$ 67,683 \$ 1,570 \$ 20,204 \$ 1,812 \$ 24,519 \$ 3,50% 26,50% 26,50% 26,50% 22 415,94 \$ 5,354,15 \$ 480,16 \$ 6,497,63 \$ 565,90 \$ 7,284,55 \$ 653,29 \$ 8,840,32 \$	Benefit Provincial Direct Benefit Provincial Direct Benefit 1,783 \$ 23,547 \$ 2,003 \$ 27,509 \$ 2,336 3,406 \$ 53,364 \$ 4,129 \$ 64,694 \$ 4,947 3,620 \$ 56,706 -\$ 4,230 \$ 67,683 -\$ 4,831 1,570 \$ 20,204 \$ 1,812 \$ 24,519 \$ 2,452 3,50% 26,50% 26,50% 26,50% 26,50% 415,94 \$ 5,354.15 \$ 480.16 \$ 6,497.63 \$ 649.84 565,90 \$ 7,284.55 \$ 653.29 \$ 8,840.32 \$ 884.13	Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial 1,783 \$ 23,547 \$ 2,003 \$ 27,509 \$ 2,336 \$ 31,833 3,406 \$ 53,364 \$ 4,129 \$ 64,694 \$ 4,947 \$ 77,505 3,520 \$ 56,706 \$ 4,320 \$ 67,683 \$ 4,831 \$ 77,505 1,570 \$ 20,204 \$ 1,812 \$ 24,519 \$ 2,452 \$ 33,655 3,50% 26,50% 26,50% 26,50% 26,50% 26,50% 26,50% 26,50% 28,918,55 \$ 89,918,55 \$ 8,940,32 \$ 884,13 \$ 12,134,08 \$ 12,134,	Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial 1,783 \$ 23,547 \$ 2,003 \$ 27,509 \$ 2,336 \$ 31,833 \$ 3,340 \$ 64,894 \$ 4,947 \$ 77,505 \$ 53,364 \$ 4,129 \$ 64,894 \$ 4,947 \$ 77,505 \$ 53,364 \$ 4,220 \$ 67,683 \$ 4,831 \$ 77,684 \$ 5,854 \$ 5,854 \$ 5,854 \$ 24,519 \$ 2,452 \$ 33,655 \$ 33,655 \$ 33,655 \$ 33,655 \$ 33,655 \$ 26,50% \$ 26,50% \$ 26,50% \$ 26,50% \$ 26,50% \$ 26,50% \$ 26,50% \$ 649,84 \$ 8,918,55 \$ 5,959 \$ 649,84 \$ 8,918,55 \$ 5,959 \$ 649,84 \$ 8,918,55 \$ 65,90 \$ 7,284,55 \$ 653,29 \$ 8,840,32 \$ 884,13 \$ 12,134,08 \$ 3,223,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,236,23 \$ 3,23	Benefit Provincial Direct Benefit Provincial Provincial Direct Benefit Provincial Direct Benefit	Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Direct Benefit Provincial Direct Benefit	Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial 1,783 \$ 23,547 \$ 2,003 \$ 27,509 \$ 2,336 \$ 31,833 \$ 2,091 \$ 32,765 3,400 \$ 53,364 \$ 4,129 \$ 64,694 \$ 4,947 \$ 77,505 \$ 5,437 \$ 8,180 3,620 \$ 66,706 \$ 4,232 \$ 67,683 \$ 4,831 \$ 75,684 \$ 4,833 \$ 76,223 1,570 \$ 20,204 \$ 1,812 \$ 24,519 \$ 2,452 \$ 33,655 \$ 26,596 \$ 42,222 3,50% 26,50%	Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Direct Benefit Provincial Direct Benefit	Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Direct Benefit Direct Benefit Provincial Direct Benefit Direct Benefit Direct Benefit Direct Benefit Provincial Direct Benefit Direct Bene	Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial	Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial Direct Benefit Provincial	Direct Benefit Provincial Provincial Provincial	Direct Benefit Provincial Dire	Direct Benefit Provincial Dire

Green Energy Fixed Asset Continuity Schedule

Green Energy Fixed Asset Continuity Schedule									
		COST			ACCUMULATED DEPRECIA			NBV	
2010 (00117)	Opening	Additions	Closing	Opening	Additions	Closing	Opening	Additions	Closing
2010 (CGAAP) Green Energy - FIT/Micro		22,986.94	22,986.94		(766.23)	(766.23)		22,220.71	22,220.71
CIP - Green Energy - FIT/Micro	-	38,138.46	38,138.46		(700.23)	(700.23)	-	38,138.46	38,138.46
CIP AFUDC Green Energy	(0.00)	171.17	171.17				(0.00)	171.17	171.17
TOTAL	(0.00)	61,296.57	61,296.57		.00 -766.23	-766.23	-0.00	60,530.34	60,530.34
	(,							
		COST			ACCUM DEPRECIATIO	N		NBV	
	Opening	Additions	Closing	Opening	Additions	Closing	Opening	Additions	Closing
2011 Actual									
Green Energy - FIT/Micro	22,986.94	88,314.49	111,301.43	(766.		(5,242.51)	22,220.71	83,838.21	106,058.92
IFRS adjustment	(766.23)		(766.23)	766.	23	766.23	.	.	-
CIP - Green Energy - FIT/Micro	38,138.46	109,236.68	147,375.14	-	-	-	38,138.46	109,236.68	147,375.14
CIP AFUDC Green Energy TOTAL	171.17 60,530.34	(138.14) 197,413.03	33.03 257,943.37		(4,476.28)	(4,476.28)	171.17 60,530.34	(138.14) 192,936.75	33.03 253,467.09
TOTAL	60,530.54	197,413.03	257,943.57		(4,476.26)	(4,476.28)	60,530.54	192,930.75	255,467.05
		COST			ACCUM DEPRECIATIO	N		NBV	
	Opening	Additions	Closing	Opening	Additions	Closing	Opening	Additions	Closing
2012 Actual	- P								
Green Energy - FIT/Micro	110,535.20	173,210.96	283,746.16	(4,476.	28) (13,193.79)	(17,670.07)	106,058.92	160,017.17	266,076.09
CIP - Green Energy - FIT/Micro	147,375.14	36,781.00	184,156.14	-		-	147,375.14	36,781.00	184,156.14
CIP AFUDC Green Energy	33.03	(33.03)	(0.00)	-		-	33.03	(33.03)	(0.00)
Def Rev -FIT MicroFIT	-	(4,850.00)	(4,850.00)	-	161.67	161.67	-	(4,688.33)	(4,688.33)
CIP Def Rev -FIT MicroFIT		(64,880.00)	(64,880.00)					(64,880.00)	(64,880.00)
TOTAL	257,943.37	140,228.93	398,172.30	(4,476.	28) (13,032.12)	(17,508.40)	253,467.09	127,196.81	380,663.90
		COST			ACCUM DEPRECIATIO			NBV	
	Opening	YTD Additions	Closing	Opening	YTD Additions	Closing	Opening	YTD Additions	Closing
2013 Actual	Opening	TTD Additions	Closing	Орения	TTD Additions	Closing	Opening	TID Additions	Closing
Green Energy - FIT/Micro	283,746.16	241,194.34	524,940.50	(17,670.	07) (27,007.30)	(44,677.37)	266,076.09	214,187.04	480,263.13
CIP - Green Energy - FIT/Micro	184,156.14	24,029.68	208,185.82	(=-,	(=:,==:,==,	-	184,156.14	24,029.68	208,185.82
CIP AFUDC Green Energy	(0.00)	61.17	61.17			-	(0.00)	61.17	61.17
Def Rev -FIT MicroFIT	(4,850.00)	(74,950.00)	(79,800.00)	161.	67 2,821.66	2,983.33	(4,688.33)	(72,128.34)	(76,816.67)
CIP Def Rev -FIT MicroFIT	(64,880.00)	(81,057.10)	(145,937.10)				(64,880.00)	(81,057.10)	(145,937.10)
TOTAL	398,172.30	109,278.09	507,450.39	(17,508.	40) (24,185.64)	(41,694.04)	380,663.90	85,092.45	465,756.35
		COST	a		ACCUMULATED DEPRECIA			NBV	o
2014 Actual	Opening	COST YTD Additions	Closing	Opening	ACCUMULATED DEPRECIA YTD Additions	TION Closing	Opening	NBV YTD Additions	Closing
2014 Actual Green Energy - EIT/Micro		YTD Additions	<u>.</u>	Opening	YTD Additions	Closing	•	YTD Additions	
Green Energy - FIT/Micro	524,940.50	YTD Additions 274,892.00	799,832.50		YTD Additions		480,263.13	YTD Additions 230,682.00	710,945.13
		YTD Additions	<u>.</u>	Opening	YTD Additions	Closing	•	YTD Additions	
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro	524,940.50 208,185.82	YTD Additions 274,892.00 43,892.00	799,832.50 252,077.82	Opening	YTD Additions 37) (44,210.00)	Closing	480,263.13 208,185.82	230,682.00 43,892.00	710,945.13 252,077.82
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy	524,940.50 208,185.82 61.17	274,892.00 43,892.00 63.00	799,832.50 252,077.82 124.17	Opening (44,677.	YTD Additions 37) (44,210.00)	(88,887.37) - -	480,263.13 208,185.82 61.17	230,682.00 43,892.00 63.00	710,945.13 252,077.82 124.17
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00)	274,892.00 43,892.00 63.00 (134,270.00)	799,832.50 252,077.82 124.17 (214,070.00)	Opening (44,677.	YTD Additions (44,210.00) 33 9,796.00	(88,887.37) - -	480,263.13 208,185.82 61.17 (76,816.67)	230,682.00 43,892.00 63.00 (124,474.00)	710,945.13 252,077.82 124.17 (201,290.67)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10)	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10)		YTD Additions (44,210.00) 33 9,796.00 04) (34,414.00)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10)	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39	Opening (44,677. 2,983. (41,694.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10)	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10)		YTD Additions (44,210.00) 33 9,796.00 04) (34,414.00)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10)	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39	YTD Additions 274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39	Opening (44,677. 2,983. (41,694.	YTD Additions 37) (44,210.00) 33 9,796.00 D4) (34,414.00) ACCUM DEPRECIATIO Additions	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing	Opening (44,677. 2,983. (41,694.	YTD Additions 37) (44,210.00) 33 9,796.00 D4) (34,414.00) ACCUM DEPRECIATIO Additions	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13	230,682.00 43,892.00 63.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39	YTD Additions 274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39	Opening (44,677. 2,983. (41,694.	YTD Additions 37) (44,210.00) 33 9,796.00 D4) (34,414.00) ACCUM DEPRECIATIO Additions	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev - FIT MicroFIT CIP Def Rev - FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75)	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07	Opening (44,677. 2,983. (41,694.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75)	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev - FIT MicroFIT CIP Def Rev - FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - FIDE Green Energy - FIT/Micro CIP - FUDC Green Energy	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17	YTD Additions 274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21	Opening (44,677. 2,983. (41,694. Opening (88,887.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00)	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (123,840.00)	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00)	Opening (44,677. 2,983. (41,694. Opening (88,887.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67)	230,682.00 43,892.00 63.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67)	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10)	274,892.00 43,892.00 63.00 (34,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94)	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37) 12,779.33 (76,108.04) N Closing (152,604.61) 31,478.66 (121,125.95)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10)	230,682.00 43,892.00 63.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67) 173,077.16 192,554.14	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) COST Additions 310,319.60 (113,046.75) 62.04 (123,840.00) 173,077.16 237,572.05 COST	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779.	YTD Additions (44,210.00) (34,414.00) ACCUM DEPRECIATIO Additions (63,717.24) -	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67) 173,077.16 192,554.14 NBV	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10)	274,892.00 43,892.00 63.00 (34,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94)	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37) 12,779.33 (76,108.04) N Closing (152,604.61) 31,478.66 (121,125.95)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10)	230,682.00 43,892.00 63.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67) 173,077.16 192,554.14	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP A-FUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67) 173,077.16 192,554.14 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10	274,892.00 43,892.00 63.00 (34,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (123,244.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing 1,292,514.69	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49	230,682.00 43,892.00 63.00 (124,474.00) (127,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67) 173,077.16 192,554.14 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07	YTD Additions 274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,441.94) 832,047.44 Closing 1,292,514.69 125,819.88	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07	230,682,00 43,892,00 63,00 (124,474,00) (97,552,00) 52,611.00 NBV Additions 246,602,36 (113,046,75) 62,04 (114,140,67) 173,077,16 192,554,14 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07 186.21	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing 1,292,514.69 125,819.88 250.98	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening (152,604.	YTD Additions 37) (44,210.00) 33 9,796.00 04) (34,414.00) ACCUM DEPRECIATIO Additions 37) (63,717.24)	(88,887.37) 12,779.33 (76,108.04) N Closing (152,604.61) 31,478.66 (121,125.95) N Closing (232,744.58)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07 186.21	230,682,00 43,892,00 63,00 (124,474,00) (97,552,00) 52,611.00 NBV Additions 246,602,36 (113,046,75) 62,04 (114,140,67) 173,077,16 192,554,14 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88 250.98
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07	YTD Additions 274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,441.94) 832,047.44 Closing 1,292,514.69 125,819.88	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening	YTD Additions (44,210.00) (34,414.00) (34,414.00) ACCUM DEPRECIATIO Additions (63,717.24) -	(88,887.37)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07	230,682,00 43,892,00 63,00 (124,474,00) (97,552,00) 52,611.00 NBV Additions 246,602,36 (113,046,75) 62,04 (114,140,67) 173,077,16 192,554,14 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07 186.21 (346,910.00)	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing 1,292,514.69 125,819.88 250.98 (354,179.91)	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening (152,604.	YTD Additions	(88,887.37) 12,779.33 (76,108.04) N Closing (152,604.61) 31,478.66 (121,125.95) N Closing (232,744.58)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07 186.21 (315,431.34)	230,682,00 43,892,00 63,00 (124,474,00) (97,552,00) 52,611.00 NBV Additions 246,602,36 (113,046,75) 62,04 (114,140,67) 173,077,16 192,554,14 NBV Additions	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88 250.98 (299,331.59)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev - FIT MicroFIT CIP Def Rev - FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev - FIT MicroFIT CIP Def Rev - FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev - FIT MicroFIT CIP Def Rev - FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94)	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing 1,292,514.69 125,819.88 250.98 (354,179.91) (70,411.94)	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening (152,604. 31,478.	YTD Additions	Closing (88,887.37) - 12,779.33 - (76,108.04) N Closing (152,604.61) - 31,478.66 - (121,125.95) N Closing (232,744.58) - 54,848.32	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94)	230,682,00 43,892,00 63,00 (124,474,00) (97,552,00) 52,611.00 NBV Additions 246,602,36 (113,046,75) 62,04 (114,140,67) 173,077,16 192,554,14 NBV Additions 102,222,62 (13,211.19) 64,77 16,099,75	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88 250.98 (299,331.59) (70,411.94)
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green Energy - Green En	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44	274,892.00 43,892.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (224,3489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing 1,292,514.69 125,819.88 250.98 (354,179.91) (70,411.94) 993,993.70	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening (152,604. 31,478. (121,125.	YTD Additions (44,210.00) (34,414.00) (34,414.00) ACCUM DEPRECIATIO Additions (63,717.24)	Closing (88,887.37) - 12,779,33 - (76,108.04) N Closing (152,604.61) - 31,478.66 - (121,125.95) N Closing (232,744.58) - 54,848.32 (177,896.26) N	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49	YTD Additions 230,682,00 43,892,00 63,00 (124,474,00) (97,552,00) 52,611.00 NBV Additions 246,602,36 (113,046,75) 62,04 (114,140,67) 173,077,16 192,554,14 NBV Additions 102,222,62 (13,211,19) 64,77 16,099,75 - 105,175,95 NBV	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88 250.98 (299,331.59) (70,411.94) 816,097.44
Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2015 Actual Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT TOTAL 2016 Forecast Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP - Green Energy - FIT/Micro CIP AFUDC Green Energy Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT	524,940.50 208,185.82 61.17 (79,800.00) (145,937.10) 507,450.39 Opening 799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Opening 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94)	274,892.00 43,892.00 63.00 63.00 (134,270.00) (97,552.00) 87,025.00 COST Additions 310,319.60 (113,046.75) 62.04 (132,840.00) 173,077.16 237,572.05 COST Additions	799,832.50 252,077.82 124.17 (214,070.00) (243,489.10) 594,475.39 Closing 1,110,152.10 139,031.07 186.21 (346,910.00) (70,411.94) 832,047.44 Closing 1,292,514.69 125,819.88 250.98 (354,179.91) (70,411.94)	Opening (44,677. 2,983. (41,694. Opening (88,887. 12,779. (76,108. Opening (152,604. 31,478.	YTD Additions (44,210.00) (34,414.00) (34,414.00) ACCUM DEPRECIATIO Additions (63,717.24)	Closing (88,887.37) 12,779.33 (76,108.04) N Closing (152,604.61) 31,478.66 (121,125.95) N Closing (232,744.58) 54,848.32 (177,896.26)	480,263.13 208,185.82 61.17 (76,816.67) (145,937.10) 465,756.35 Opening 710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Opening 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94)	230,682.00 43,892.00 63.00 (124,474.00) (97,552.00) 52,611.00 NBV Additions 246,602.36 (113,046.75) 62.04 (114,140.67) 173,077.16 192,554.14 NBV Additions 102,222.62 (13,211.19) 64,77 16,099.75	710,945.13 252,077.82 124.17 (201,290.67) (243,489.10) 518,367.35 Closing 957,547.49 139,031.07 186.21 (315,431.34) (70,411.94) 710,921.49 Closing 1,059,770.11 125,819.88 250.98 (299,331.59) (70,411.94)

Green Energy - FIT/Micro	1,292,514.69	233,867.99	1,526,382.68		(232,744.58)	(94,014.33)	(326,758.91)		1,059,770.11	139,853.66	1,199,623.77		
CIP - Green Energy - FIT/Micro	125,819.88	28,024.91	153,844.79		-	-	-		125,819.88	28,024.91	153,844.79		
CIP AFUDC Green Energy	250.98	(250.62)	0.36		_	-	_		250.98	(250.62)	0.36		
Def Rev -FIT MicroFIT	(354,179.91)	(47,370.00)	(401,549.91)		54,848.32	25,190.99	80,039.31		(299,331.59)	(22,179.01)	(321,510.60)		
CIP Def Rev -FIT MicroFIT	(70,411.94)	36,370.00	(34,041.94)			,	-		(70,411.94)	36,370.00	(34.041.94)		
TOTAL	993,993.70	250,642.28	1,244,635.98		(177,896.26)	(68,823.34)	(246,719.60)	-	816,097.44	181,818.94	997,916.38		
								•					
		COST	a			ACCUM DEPRECIATION				NBV			
2018 Actual	Opening	Additions	Closing		Opening	Additions	Closing	-	Opening	Additions	Closing		
Green Energy - FIT/Micro	1,526,382.68	283,060.58	1,809,443.26		(326,758.91)	(111,245.29)	(438,004.20)		1,199,623.77	171,815.29	1,371,439.06		
CIP - Green Energy - FIT/Micro	153,844.79	(150,273.76)	3,571.03		(320,738.31)	(111,243.23)	(438,004.20)		153,844.79	(150,273.76)	3,571.03		
CIP - Green Energy - FIT/MICTO	0.36	(130,273.76)	0.36		-	-	-		0.36	(130,273.76)	0.36		
Def Rev -FIT MicroFIT	(401,549.91)	(60,684.90)	(462,234.81)		80,039.31	28,792.82	108,832.13		(321,510.60)	(31,892.08)	(353,402.68)		
CIP Def Rev -FIT MicroFIT	(34,041.94)	34,042.10	0.16		60,059.51	20,/92.02	100,032.13		(34,041.94)	34,042.10	0.16		
TOTAL	1,244,635.98	106,144.02	1,350,780.00		(246,719.60)	(82,452.47)	(329,172.07)	•	997,916.38	23,691.55	1,021,607.93		
	1,244,000,00	100,144102	1,050,700.00		(2-10), 25100)	(02)432147	(023)272.077	-	337,320.00	25,052.05	1,021,007.55		
		COST				ACCUM DEPRECIATION				NBV			
	Opening	Additions	Closing		Opening	Additions	Closing	-	Opening	Additions	Closing		
2019 Actual													
Green Energy - FIT/Micro	1,809,443.26	6,180.54	1,815,623.80		(438,004.20)	(121,567.91)	(559,572.11)		1,371,439.06	(115,387.37)	1,256,051.69		
CIP - Green Energy - FIT/Micro	3,571.03	49,722.45	53,293.48		-		-		3,571.03	49,722.45	53,293.48		
CIP AFUDC Green Energy	0.36	27.66	28.02		-	20.050.02	-		0.36	27.66	28.02		
Def Rev -FIT MicroFIT CIP Def Rev -FIT MicroFIT	(462,234.81) 0.16	-	(462,234.81) 0.16		108,832.13	30,950.92	139,783.05		(353,402.68) 0.16	30,950.92	(322,451.76) 0.16		
TOTAL	1,350,780.00	55,930.65	1,406,710.65		(329,172.07)	(90,616.99)	(419,789.06)	-	1,021,607.93	(34,686.34)	986,921.59		
IOIAL	1,330,780.00	33,330.03	1,400,710.05		(329,172.07)	(90,616.99)	(415,785.00)	•	1,021,007.93	(34,000.34)	980,921.59		
		COST			,	ACCUM DEPRECIATIO	N			NBV			
	Opening	Additions	Closing		Opening	Additions	Closing		Opening	Additions	Closing		
2020 Forecast								' <u>-</u>					
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80		(559,572.11)	(121,670.64)	(681,242.75)		1,256,051.69	(121,670.64)	1,134,381.05		
CIP - Green Energy - FIT/Micro	53,293.48	37,287.71	90,581.19		-		-		53,293.48	37,287.71	90,581.19		
CIP AFUDC Green Energy	28.02	-	28.02		-		-		28.02	-	28.02		
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)		139,783.05	30,950.92	170,733.97		(322,451.76)	30,950.92	(291,500.84)		
CIP Def Rev -FIT MicroFIT	0.16	-	0.16		-		-		0.16	-	0.16		
TOTAL	1,406,710.65	37,287.71	1,443,998.36		(419,789.06)	(90,719.72)	(510,508.78)		986,921.59	(53,432.01)	933,489.58		
		COST				ACCUM DEPRECIATIO	ı.			NBV			
	Opening	Additions	Closing		Opening	Additions	Closing		Opening	Additions	Closing		
2021 Forecast								•					
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80		(681,242.75)	(121,670.64)	(802,913.39)		1,134,381.05	(121,670.64)	1,012,710.41		
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19			, , ,			90,581.19		90,581.19		
CIP AFUDC Green Energy	28.02	-	28.02		-		-		28.02	-	28.02		
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)		170,733.97	30,950.92	201,684.89		(291,500.84)	30,950.92	(260,549.92)		
CIP Def Rev -FIT MicroFIT	0.16		0.16						0.16		0.16		
TOTAL	1,443,998.36	-	1,443,998.36		(510,508.78)	(90,719.72)	(601,228.50)		933,489.58	(90,719.72)	842,769.86		
	2012	2011	2012	2012	2011	2015	2016	2017	2012	2010	2022	2021	T-4 ·
Net Capital Expenditures	2010 61,296.57	2011 197,413.03	2012 140,228.93	2013 109,278.09	2014 87,025.00	2015 237,572.05	2016 161,946.26	2017 250,642.28	2018 106,144.02	2019 55,930.65	2020 37,287.71	2021 0.00	Total 1,444,764.59
Depreciation Expense	-766.23	-4,476.28	-13,032.12	-24,185.64	-34,414.00	-45,017.91	-56,770.31	-68,823.34	-82,452.47	-90,616.99	-90,719.72	-90,719.72	-601,994.73
Depreciation Expense	-700.23	-4,470.20	-13,032.12	-24,103.04	-34,414.00	-43,017.91	-30,770.31	-00,023.34	-02,432.47	-90,010.99	-90,/19./2	-90,719.72	-001,994.73
	T T		2011 IFRS		1	1				1	I	<u> </u>	1
	2010	2011	Adjustment	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Cummulative Cost including CIP	61,297	258,710	-766	398.172	507,450	594,475	832.047	993,994	1,244,636	1,350,780	1,406,711	1,443,998	1,443,998
Less Cummulative CIP	-38,310	-147,408	0	-119,276	-62,310	-8,713	-68,805	-55,659	-119,803	-3,572	-53,322	-90,609	-90,609
Cummulative Accumulated Depreciation	-766	-5,243	766	-17,508	-41,694	-76,108	-121,126	-177,896	-246,720	-329,172	-419,789	-510,509	-601,229
·													
	Average	Average		Average	Average	Average	Average	Average	Average	Average	Average	Average	Average
	2010	2011		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	30,648	159,620		328,058	452,811	550,963	713,261	913,021	1,119,315	1,297,708	1,378,745	1,425,355	1,443,998
	-19,155	-92,859		-133,342	-90,793	-35,511	-38,759	-62,232	-87,731	-61,687	-28,447	-71,966	-90,609
	-383 11,110	-2,621 64,140		-10,992 183,723	-29,601 332,417	-58,901 456,550	-98,617	-149,511	-212,308	-287,946	-374,481	-465,149 888,240	-555,869
							575,885	701,277	819,276	948,075	975,818		797,520

CCA Calculation

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Opening UCC	\$ - \$	58,845 \$	243,654	\$ 358,781 \$	434,986	\$ 483,731	\$ 673,101 \$	774,722	\$ 953,361	\$ 978,990	\$ 954,364	\$ 913,811
Capital Additions	\$ 61,297 \$	197,413 \$	140,229	\$ 109,278 \$	87,025	\$ 237,572	\$ 161,946 \$	250,642	\$ 106,144	\$ 55,931	\$ 37,288	\$ -
UCC Before Half Year Rule	\$ 61,297 \$	256,258 \$	383,883	\$ 468,059 \$	522,011	\$ 721,303	\$ 835,048 \$	1,025,364	\$ 1,059,505	\$ 1,034,921	\$ 991,652	\$ 913,811
Half Year Rule (1/2 Additions - Disposals)	\$ 30,648 \$	98,707 \$	70,114	\$ 54,639 \$	43,513	\$ 118,786	\$ 80,973 \$	125,321	\$ 53,072	\$ 27,965	\$ 18,644	\$ -
Reduced UCC	\$ 30,648 \$	157,551 \$	313,768	\$ 413,420 \$	478,498	\$ 602,517	\$ 754,075 \$	900,043	\$ 1,006,433	\$ 1,006,955	\$ 973,008	\$ 913,811
CCA Rate Class 47	 47	47	47	47	47	47	47	47	47	47	47	47
CCA Rate 8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
CCA	\$ 2,452 \$	12,604 \$	25,101	\$ 33,074 \$	38,280	\$ 48,201	\$ 60,326 \$	72,003	\$ 80,515	\$ 80,556	\$ 77,841	\$ 73,105
Closing UCC	\$ 58,845 \$	243,654 \$	358,781	\$ 434,986 \$	483,731	\$ 673,101	\$ 774,722 \$	953,361	\$ 978,990	\$ 954,364	\$ 913,811	\$ 840,706

PILs Calculation

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 2021
INCOME TAX												
Net Income	\$	381 \$	2,199 \$	6,298 \$	11,989 \$	16,421 \$	20,781 \$	25,330 \$	29,511 \$	34,169 \$	34,856 \$	28,487 \$ -
Amortization	\$	766 \$	4,476 \$	13,032 \$	24,186 \$	34,414 \$	45,018 \$	56,770 \$	68,823 \$	82,452 \$	90,617 \$	90,720 \$ 90,720
CCA	-\$	2,452 -\$	12,604 -\$	25,101 -\$	33,074 -\$	38,280 -\$	48,201 -\$	60,326 -\$	72,003 -\$	80,515 -\$	80,556 -\$	77,841 -\$ 73,105
Change in taxable income	-\$	1,305 -\$	5,929 -\$	5,771 \$	3,101 \$	12,555 \$	17,598 \$	21,774 \$	26,331 \$	36,107 \$	44,917 \$	41,366 \$ 17,615
Tax Rate		31.00%	28.25%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50% 26.50%
Income Taxes Payable	-\$	404 -\$	1,675 -\$	1,529 \$	822 \$	3,327 \$	4,663 \$	5,770 \$	6,978 \$	9,568 \$	11,903 \$	10,962 \$ 4,668

Gross Up

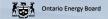
Change in Income Taxes Payabl	16
Change in OCT	
PIL's	

	PILs Payable	PILs Payable	PILs Payable	PII	Ls Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs	Payable
-\$	404 -\$	1,675	-\$ 1,529	\$	822	\$ 3,327	\$ 4,663	\$ 5,770	\$ 6,978	\$ 9,568	\$ 11,903	\$ 10,962	\$	4,668
\$	- \$	-	\$ -	\$	-	\$ -	\$	-						
-\$	404 -\$	1,675	-\$ 1,529	\$	822	\$ 3,327	\$ 4,663	\$ 5,770	\$ 6,978	\$ 9,568	\$ 11,903	\$ 10,962	\$	4,668

	20	010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
													Grossed Up
	Grossed	d Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	PILs
Change in Income Taxes Payable	-\$	586	-\$ 2,33	1 -\$ 2,081	\$ 1,118	\$ 4,527	\$ 6,345	\$ 7,850	\$ 9,494	\$ 13,018	\$ 16,194	\$ 14,914	\$ 6,351
Change in OCT	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PIL's	-\$	586	-\$ 2,33	1 -\$ 2,081	\$ 1,118	\$ 4.527	\$ 6.345	\$ 7.850	\$ 9,494	\$ 13,018	\$ 16,194	\$ 14,914	\$ 6,351

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 35

ATTACHMENT 35 LRAMVA WORKFORM HORIZON UTILITIES RZ



LRAMVA Work Form: Summary Tab

Version 5.0 (2021

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

LDC Name

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

 A. Previous LRAMYA Application.
 EB-2019-0018

 Previous LRAMYA Application (EBIP)
 EB-2019-0018

 Application of Previous LRAMYA Claim
 2220 IR9M Application

 Penior of LRAMYA Claimed in Previous Application
 2017

 Amount of LRAMYA Claimed in Previous Application
 \$ 1,089,084.05

Current LRAMVA Application (EB#)
Application of Current LRAMVA Claim
Period of New LRAMVA in this Application
Period of Rate Recovery (# years)

B. Current LRAMVA Application

 Actual Lost Revenues (5)
 A
 \$ 1,597,225

 Forecast Lost Revenues (5)
 B
 \$ 621,015

 Carrying Charges (5)
 C
 \$ 44,310

 LPANIVA (5) for Account 1568
 A-B+C
 \$ 1,020,520

EB-2020-0002

2021 IRM Application

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deternal and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis torm Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$363,498	\$16,499	\$379,997
GS<50 kW	kWh	\$422,951	\$19,198	\$442,148
General Service 50 to 4,999kW	kW	-\$19,407	-\$881	-\$20,288
Large Use	kW	\$24,602	\$1,117	\$25,719
Large Use 2	kW	\$23,581	\$1,070	\$24,652
Street Lighting	kW	\$117,098	\$5,315	\$122,413
Unmetered Scattered Load	kWh	\$43,887	\$1,992	\$45,879
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$976,210	\$44,310	\$1,020,520

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column, C of Table 1-b below, please heart a thock mark to indicate he years in which I RAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any IRAMVA for parties, with the acception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load								Total
		kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
2011 Actuals	Ts.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals	l×	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	*	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals	La	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals	le le	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals	D:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals	ls:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast	<u> </u>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals	D:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals	1	\$485,606.78	\$499,178.44	\$403,271.23	\$24,601.97	\$23,581.30	\$117,098.24	\$43,886.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,597,224.56
2018 Forecast		(\$122,108.72)	(\$76,227.66)	(\$422,678.20)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$621,014.59)
Amount Cleared																

C. Documentation of Changes
Original Amount
Amount for Final Disposition

2019 Actuals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared															
Carrying Charges	\$16,499.03	\$19,197.56	(\$880.87)	\$1,116.67	\$1,070.35	\$5,315.04	\$1,991.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44,309.76
Total LRAMVA Balance	\$379,997	\$442,148	-\$20,288	\$25,719	\$24,652	\$122,413	\$45,879	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,020,520

Note: LDC to make note of assumptions included above, if any



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Table 5-d. 2018 Lost Revenu	Alectra relied on the Participation and Cost Report (P/C) and true up any savings	There are additional CDM savings after the Participation and Cost report was published in April 2019 re
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legend

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

Table 2-a. LRAMVA Threshold

204

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load							
		κWh	κWh	κW	kW	κW	κW	kWh	U.O	0.0	υ.0	U.O	U.O	U.0	0.0
kWh	89,920,275	22,612,726	7,191,289	60,116,260											
kW	165,380			165,380											
		•	•												
Summary		22612726	7191289	165380	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold Custom IR Application (EB-2014-0002, Exhibit 3, Tab 1, Schedule 2)

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
			·	·											
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by seeding the appropriate LRAMVA threshold established for a particular year, please select the "blank" opportant threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Table 2-c will be auto-populated in Table 2-c will be auto-populated.

Year	LRAMVA Threshold	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	2018	22,612,726	7,191,289	165,380	0	0	0	0	0	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX		EB-2013-XXXX		EB-2015-XXXX	EB-2016-0077 January 1, 2017 to December 31, 2017	December 31,2018	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)									1	4			
Period 2 (# months)		12	12	12	12	12	12	12	11	8	12	12	12
Residential									\$ 0.0081	\$ 0.0040			
Rate rider for tax sharing	İ												
Rate rider for foregone revenue	kWh												
Other	İ												
Adjusted rate	İ	\$ -	\$ -	s -	s -	s -	\$ -	s -	\$ 0.0081	\$ 0.0040	\$ -	\$ -	
Calendar year equivalent		1 4	š -	š -	\$ -	\$ -	\$ -	š -	\$ 0.0074			\$ -	
Calondar your oquivaloni			•	•	•	•	•	•	•	•	*	•	
GS<50 kW									\$ 0.0107	\$ 0.0106			
Rate rider for tax sharing									φ 0.0107	φ 0.0100			
Rate rider for tax sharing Rate rider for foregone revenue	kWh												
Other													
Adjusted rate	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0107	\$ 0.0106	\$ -	\$ -	
Calendar year equivalent	I		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0098			\$ -	1
Caleridar year equivalent			• -	• -	• -	• -	• -	• -	\$ 0.0096	\$ 0.0106	a -	-	
General Service 50 to 4,999kW									\$ 2.5526	\$ 2.5565			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW								\$ 0.0018				
Other	İ												
Adjusted rate	İ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.5544	\$ 2.5565	\$ -	\$ -	
Calendar year equivalent	•		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.3415		\$ -	\$ -	
Large Use									\$ 1.4041	\$ 1.3995			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW								\$ 0.0016				
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.4057	\$ 1.3995	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.2886	\$ 1.4016	\$ -	\$ -	
Large Use 2									\$ 0.3304	\$ 0.3310			
Rate rider for tax sharing	İ								Ψ 0.0004	ψ 0.0010			
Rate rider for foregone revenue	kW								\$ 0.0096				
Other									0.0000				
Adjusted rate	İ	\$ -	\$ -	s -	\$ -	s -	\$ -	s -	\$ 0.3400	\$ 0.3310	\$ -	\$ -	
Calendar year equivalent		_	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.3117			\$ -	
Street Lighting									\$ 5.7204	\$ 5.3153			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW								-\$ 0.0996				
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ 5.6208			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.1524	\$ 5.4171	\$ -	\$ -	
Unmetered Scattered Load									\$ 0.0132	\$ 0.0131			
Rate rider for tax sharing	Ī												
Rate rider for foregone revenue	kWh												
Other	1												
Adjusted rate	İ	\$ -	\$ -	s -	s -	s -	\$ -	s -	\$ 0.0132	\$ 0.0131	\$ -	\$ -	
Calendar year equivalent		1 -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0121			\$ -	
0													
Rate rider for tax sharing	İ												
Rate rider for foregone revenue	0												
Other	i -												
Adjusted rate	†	\$ -	\$ -	s -	s -	s -	\$ -	s -	s -	s -	\$ -	s -	
riajacioa fato			L-7					1 -	<u> </u>	1.7	L-T	· -	

Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
1																							
tate rider for tax sharing	†																						
Rate rider for foregone revenue	0																						
Other	Ť																						
djusted rate	†	\$ -	S	-	s	-	s	-	\$	-	\$	-	S	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent		, ,	\$	-	S			-	\$		\$	-	-		\$	-	\$	-	\$		\$		
,			•		•		•		•		*		*		•		*		•		*		
)																							
ate rider for tax sharing	7																						
ate rider for foregone revenue	0																						
ther	7																						
djusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
ate rider for tax sharing	7																						
ate rider for foregone revenue	0																						
ther	1																						
djusted rate	7	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
tate rider for tax sharing	1																						
tate rider for foregone revenue	0																						
Other	1																						
djusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
ate rider for tax sharing	7																						
ate rider for foregone revenue	0																						
Other																							
djusted rate	7	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
alendar year equivalent	•	•	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	•
ate rider for tax sharing	7																						
ate rider for foregone revenue	0																						
Other	1																						
	+	s -	\$		\$		\$		\$	-	\$	-	\$		\$		\$	-	\$	-	\$		
djusted rate		I S -																					

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load							
	kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0054	\$0.0106	\$2.5558	\$1.4016	\$0.3340	\$5.4171	\$0.0131	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



LRAMVA Work Form: Determination of Rate Class Allocations

Version 5.0 (2021)

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

The IESO performs evaluations for all of its programs, which includes examining gross energy savings from the programs and the net-to-gross ratio ("NTGR"). From these evaluations the IESO calculates net energy savings by initiative within a program group (residential, business, industrial and low income). Peak load savings are also calculated, and reported by initiative within a program group. For initiatives implemented under the Residential and Low Income Programs, 100% of CDM savings were attributed to the Residential Rate Class. For initiatives implemented under the Commercial and Industrial programs that apply to more than one rate class, the savings were estimated by rate class, based on participant-specific information, where available.



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Version 5.0 (2021)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. LDCs can apply for deposition of LRAM/A amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAM/A work forms apply to LDCs that need to recover but revenues from the 2011-2014 period. Please injust or manually link the savings, adjustments and program assing pensistence data in these tables from the LDC's Pensistence Reports provided by the ESO (in Tab 7). An order dearler, pensistence data is available upon request from the ESO. Please also be advised to the same reduces for the Section Section (as section for the Section Section (as section for the Section S

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. I order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMIVA was approved, the persistence of those savings.

3. The such forms below include the monthly multipliers for most programs in order to claim demands avirage from energy efficiency programs, consistent with the monthly multipliers indicated in the CEE's updated LPAM policy related to peak demand avairage in EB-2016-0102. Demand Response (IRS) avirage should generally and the included with the LRAMM/A calculation, uses supported privations. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided in a different monthly multiplier is used, passes multiplier is used, passes industrial calculations. The confirmation of the confirmati

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to detele the applicable savings persistence rows (auto-calculated after the LRAM/A totals for the year) if future year's persistence savings is already captured in the substance load forecast. Pease also growthe assumptions about the year's ministry of the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-c. 2013 Lost Revenues

Results Status -IVAC Incentives Adjustment to 2011 savings Bi-Annual Retailer Event Adjustment to 2011 savings
 Verified
 1,188,091
 1,188,091
 1,188,091
 1,188,091
 1,085,828
 974,110
 734,417
 731,737
 945,719
 303,473

 True-up
 88,271
 88,271
 88,271
 88,271
 80,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 83,271
 68 68 68 68 63 58 47 47 57 27 4 4 4 4 4 4 4 2 2 2 1 Retailer Co-op Adjustment to 2011 savings 0% Residential Demand Response Adjustment to 2011 savings 100% Residential Demand Response (IHD) Adjustment to 2011 savings Residential New Construction Adjustment to 2011 savings 0% siness Program Retrofit Adjustment to 2011 savings Verified 4_300.916 4_805.9 Direct Install Lighting Adjustment to 2011 saving uilding Commissioning djustment to 2011 savings Energy Audit Adjustment to 2011 savings 0 0 0 0 0 0 0 0 0 0 54 54 54 0 0 0 0 0 0
 Verified
 0
 0
 0
 0
 0
 0
 0
 0
 12

 True-up
 263,983
 263,983
 263,983
 263,983
 0
 0
 0
 0
 0
 0
 12
 Small Commercial Demand Re ustment to 2011 savings Demand Response 3 Adjustment to 2011 savinos Monitorina & Targetina Adjustment to 2011 saving inerov Manager Adjustment to 2011 savings atrofit instruent to 2011 savinos mand Response 3 lustment to 2011 savinos 0% Iome Assistance Program Iome Assistance Program diustment to 2011 savinos 0% Aboriginal Program Home Assistance Program Adustment to 2011 savings 0.00% 0.00% 0.00% Direct Install Lighting Adjustment to 2011 savings re-2011 Programs complete ectricity Retrofit Incentive Pro diustment to 2011 savinos High Performance New Con Adjustment to 2011 savings 100% oronto Comprehensive diustment to 2011 savinos Multifamily Energy Efficiency Rebates Adjustment to 2011 savings 0% LDC Custom Programs Adjustment to 2011 savings 0% Time of Use Savings 33 LDC Pilots A-4-stment to 2011 savings 0.00% Verified 12 0.00% 7,891 7,894 6,395 6,832 6,710 6,227 6,177 6,112 6,862 5,885,657 2,019,176 32,652 23,152 0 0 0 0 0 0

Forecast CDM Savings in 2011 Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011													0	0		0	0		0		0	0	0	0	0	0	$\overline{}$
LRAMVA IN 2011													\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2014 2011 Savings Persisting in 2016 2011 Savings Persisting in 2017 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018 2011 Savings Persisting in 2019 2011 Savings Persisting in 2020													5,882,827 5,882,827 5,867,796 5,301,530 4,264,693 3,842,932 3,836,956 4,185,769 3,101,067	2,018,176 1,939,409 1,683,038 1,418,658 1,414,629 321,744 320,700 320,700 320,700	32,546 32,546 32,546 32,546 32,543 32,448 32,143 31,630 31,630	23,147 23,147 23,147 23,147 23,144 23,060 22,790 22,335 22,335	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Note: LDC to make note of key assumptions included Table 4-b. 2012 Lost Revenues Work Form	above	Return to top																									
	Results Status	Net Energy Savings (kWh) 2012	2013 2014	Net Energy 2015 2016	y Savings Persistence (kWi		2020 2021	Monthly Multiplier	Net Demand Savings (kW) 2012 2013	2014 20	et Peak Demand Savings Po	sistence (KW) 1018 2019 2020 2021	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Rate Alloc Unmetered Scattered Load	ations for LRAM	IVA						Total
Consumer Program Appliance Retirement Adjustment to 2012 savings	Verified True-up	669,778	669,778 669,778	667,421 389,535	5 0 0	0	0 0		96 96	96 9	3 51 0	0 0 0 0	kWh 100.00%	kWh 0.00%	NW 0.00%	kW 0.00%	WV 0.00%	kW 0.00%	kWh 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Appliance Exchange Adjustment to 2012 savings	Verified True-up	33,812	33,812 33,812	33,507 0	0 0	0	0 0	F	19 19	19 1	9 0 0	0 0 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3 HVAC Incentives Adjustment to 2012 savings	Verified True-up	1,843,136 33,877			36 1,843,136 1,843,136 7 33,877 33,877	33,877		E	1,091 1,091 18 18	1,091 1,0 18 1	091 1,091 1,091 8 18 18	.091 1,091 1,091 1,091 18 18 18 18	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up	56,527	56,527 56,527		55,678 26,219			E	9 9	9	9 9 9	8 8 8 8	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
5 Bi-Annual Retailer Event Adjustment to 2012 savings g Retailer Co-op	Verified True-up Verified	1,082,743	1,082,743 1,082,74	3 1,082,743 973,317	7 791,446 539,847	538,725 5	538,725 273,631	E	60 60	60 6	50 55 46	35 35 35 22	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2012 savings Residential Demand Response	True-up Verified	13,650	0 0	0 0		0	0 0	E	2,699 0	0	0 0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2012 savings Residential Demand Resonnse (IHD)	True-up Verified												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2012 savings Residential New Construction Adjustment to 2012 savings	True-up Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Business Program 10 Retrofit Adjustment to 2012 savings	Verified	9,600,471	9,532,535 9,389,57	9 9,295,397 9,282,62	26 8,799,102 8,577,353 14 1,757,158 1,748,715	8,546,488 8,	314,197 6,213,056	12	1,659 1,640	1,597 1,5	568 1,565 1,418	,390 1,385 1,330 999 245 245 237 226	_		49%	51.00%											100%
Adjustment to 2012 savings 11 Direct Install Lighting Adjustment to 2012 savings	True-up Verified True-up	1,846,854			14 1,757,158 1,748,715 87 508,602 508,602			12	273 273 550 550	264 21 534 40		245 245 237 226 136 136 136 136	_	0.00% 100% 100.00%	49.00%	51.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Buildina Commissionina Adjustment to 2012 savings	Verified True-up							3 3					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction Adjustment to 2012 savings	Verified True-up	1,331 224,538	1,331 1,331 224,538 224,538	1,331 1,331 224,538 224,538	1,331 1,331 8 224,388 224,388	1,331 224,388 2	1,331 1,331 224,388 224,388	12 12	0 85 85	0 I	0 0 0 85 85 85	0 0 0 0 85 85 85 85	Ξ	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
14 Energy Audit Adjustment to 2012 savings	Verified True-up	75,529 28,592	75,529 75,529 28,592 28,592	75,529 0 28,592 0	0 0	0	0 0	12 12	16 16 6 6	16 1	6 0 0 6 0 0	0 0 0 0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
15 Small Commercial Demand Response Adjustment to 2012 savings	Verified True-up	33	0 0	0 0	0 0	0	0 0		6 0	0 1	0 0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) Adjustment to 2012 savings	Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
17 Demand Response 3 Adjustment to 2012 savings	Verified True-up	7,718	0 0	0 0	0 0	0	0 0	E	531 0	0	0 0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program 18 Process & System Uccrades Adjustment to 2012 savings	Verified True-up			+ +				12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Monitoring & Targeting Adjustment to 2012 savings	Verified True-up							12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager Adjustment to 2012 savings	Verified True-up	479,921 5,452	479,921 479,921 3,878 3,878	479,921 479,92 3,878 3,878	1 479,921 479,921 3,878 5,452	479,921 4 5,452	479,921 479,921 5,452 5,452	12 12	60 60 7 6	60 6	60 60 60 6 6 6	60 60 60 60 7 7 7 7 7	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
21 Retrofit Adjustment to 2012 savings	Verified True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Demand Response 3 Adjustment to 2012 savings	Verified True-up	155,311	0 0	0 0	0 0	0	0 0		6,445 0	0 1	0 0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
23 Home Assistance Program Adjustment to 2012 savings	Verified True-up	286,839 13,531	286,839 286,839 13,531 13,100	286,839 281,080 12,931 11,246	0 281,080 265,687 6 10,320 9,650	259,543 9,180	71,679 69,194 8,958 2,619		24 24 1 1	24 2	24 24 24	23 23 13 11 1 1 1 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program Home Assistance Program Adjustment to 2012 savings	Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2012 savings	Verified True-up							0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2012 savings	Verified True-up							12 12					0.00%	0.00%	49% 49.00%	51.00% 51.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 High Performance New Construction Adjustment to 2012 savings	Verified True-up	582,164 2,639,394	582,164 582,164 2,639,394 2,639,39	582,164 582,164 4 2,639,394 2,639,39	4 582,164 582,164 94 2,639,394 2,639,394	582,164 5 2,639,394 2,	582,164 582,164 ,639,394 2,639,394	12 12				146 146 146 146 296 296 296 296		0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Toronto Comprehensive Adjustment to 2012 savings	Verified True-up							0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Verified True-up Verified							0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
an LDC Custom Programs Adjustment to 2012 savings Other	True-up							0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Program Enabled Savings Adjustment to 2012 savings	Verified True-up							0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Time of Use Savings Adjustment to 2012 savings	Verified True-up							0 0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2012 savings Actual CDM Savings in 2012 Forecast CDM Savings in 2012	Verified True-up	21,556,239	21,310,016 21,078.98	33 20,722,426 20,176.4	20 18,011,474 17,485,736	17,446,848 16	3,998,833 14,571,251	12	14,097 4,396	4,327 4.2	229 4,139 3,584	,541 3,536 3,463 3,105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Forecast CDM Savings in 2012 Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs		-,,											\$0,00000	S0.00000	0 \$0,0000	0 \$0,0000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012													\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015 2012 Savings Persisting in 2016 2012 Savings Persisting in 2017 2012 Savings Persisting in 2018 2012 Savings Persisting in 2018 2012 Savings Persisting in 2019 2012 Savings Persisting in 2019													4,020,243 4,019,812 4,016,981 3,587,868 3,015,536 2,718,416 2,710,535 2,522,449	1,875,038 1,817,432 1,557,887 1,557,887 508,602 508,602 508,460 508,460	18,632 18,320 18,150 17,878 16,912 16,745 16,747	11,712 11,387 11,210 11,194 10,190 10,006 9,977 9,592	0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

Table 4-c. 2013 Lost Revenues Work For	n	Return to too																																		
		Net Energy Savings (kWh)			No	t Energy Sa	avings Persi	stence (kWh					Net Demand Savings (kW)			Net Peak	k Demand S	avings Po	ersistence	(kW)										Rate A	locations for LF	AMVA				
Program	Results Status	2013	2014	2015	2016	2017	2018	2019	2020	2021	Mil	onthly Itiplier	2013	2014	2015	2016	2017	2018	2019	2020 2	2021 2	2022	Residential	GS<50 kV	General Servin 50 to 4,999 kV	Large U	se La	arge Use 2	Street Lighting	Unmetered Scattered Load					Tota	

Part	Consumer Program Appliance Retirement	Verified	373,209 373,209	9 373,209 371,8	221 985	0 0	0	0 0		57	57 52	7 56	33 0	0 0	0 0	kWh 100.00%	kWh	KW	kW	kW	kW	kWh	0	0	0	0	0	0	0	100%
Control Cont	Adjustment to 2013 savings	Verified True-up				Ů	Ů	Ů					33 0			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The content of the	Adjustment to 2013 savings	Verified True-up	65,760 65,760	65,760 65,76	60				i ե				1			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
The content of the	HVAC Incentives Adjustment to 2013 savings	Verified True-up		42 1,639,842 1,639, 5 95,215 95,2	,842 1,639,842 15 95,215	95,215 95,215	1,639,842 95,215	1,639,842 1,639,842 95,215 95,215	-	974 55	974 97- 55 55	4 974 5 55	974 974 55 55	974 97 55 5	74 974 974 5 55 55	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Column	Conservation Instant Coupon Booklet Adjustment to 2013 savings		311,606 311,606 953 953	6 299,598 253,8 907 784	321 253,821 4 784	253,821 253,821 784 784		184,417 184,417 658 658	B =	21	21 20 0 0	17	17 17 0 0	17 1	7 13 13 0 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
The state The	Bi-Annual Retailer Event Adjustment to 2013 savings	Verified True-up	694,555 694,555	5 652,707 509,8	509,888	509,888 509,888	509,287	428,281 428,281	1 =	48	48 45	36	36 36	36 3	6 31 31		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
The content of the	Retailer Co-op Adjustment to 2013 savings	Verified							i =							0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%		0.00%	0%
The state of the		Verified	11,153						i =	3,738						100.00%														100%
The content of the	Residential Demand Response (IHD)	Verified True up							i =							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
THE THE THE THE THE THE THE THE THE THE	Residential New Construction	Verified							i =																					0%
The part The part	Business Program									- 1							0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
The second content of the content	Retrofit Adjustment to 2013 savings	Verified True-up	16,367,574 16,081,47 1,570,842 1,560,33	73 16,026,304 15,831 30 1,560,330 1,560,	,594 14,987,208 ,330 1,541,513	3 14,408,587 14,408,587 1 1,514,546 1,514,546	1,495,923	13,955,334 10,888,141 1,386,189 1,189,601	12 12	2,948 320	2,856 2,83 317 31	38 2,775 7 317	2,525 2,409 312 307	2,409 2,4 307 30	07 2,287 1,812 06 281 245	0.00%	0.00%	92% 92.00%	8% 8.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
See The series of the series o	Direct Install Lighting Adjustment to 2013 savings	Verified True-up	1,442,489 1,442,48	89 1,420,165 1,300,	853 586,963	586,963 586,963	586,963	586,963 586,963	12 12	453	453 44	7 414	177 177	177 17	77 177 177	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Table 19 19 19 19 19 19 19 1	Building Commissioning Adjustment to 2013 savings	Verified True-up							3							0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Martine Control Cont	New Construction Adjustment to 2013 savings	Verified True-up	20,831 20,831 3,201,970 3,201,97	1 20,831 20,83 70 3,201,970 3,201,	31 20,831 ,970 3,201,970	20,831 20,831 3,201,970 3,201,970	20,831 3,201,970	20,831 20,831 3,175,501 3,175,501	12	6 581	6 6 581 58	6 1 581	6 6 581 581	6 6 581 58	6 6 31 573 573	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Marked Property of the content property of the conte	Energy Audit Adjustment to 2013 savings	Verified True-up	387,606 387,606 97,223 97,223	6 387,606 387,6 3 97,223 97,2	906 23 0	0 0	0	0 0	12 12	71 18	71 71 18 18	71	0 0	0 0	0 0	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
New New New New New New New	Small Commercial Demand Response Adjustment to 2013 savings	Verified True-up	18						H	13						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
March Marc	Small Commercial Demand Response (IHD)																													0%
State Stat	Adjustment to 2013 savings	Verified	9.571							597						0.00%														0%
The state of the s		True-up							1 =							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Value 1/12	Process & System Upgrades Adjustment to 2013 savings	Verified True-up							12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
March Marc	Monitoring & Targeting Adjustment to 2013 savings	Verified True-up							12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
March Marc	Energy Manager Adjustment to 2013 savings	Verified True-up	178,203 126,236 -153,586 -101,611	6 126,236 126,2 9 -101,619 -112,0	236 74,270 087 -60,121	12,575 12,575	12,575	12,575 12,575	12 12	23 -21	17 17 -15 -18	7 17 5 -15	11 -9 3	3 3	3 3 3	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Window W	Retrofit Adjustment to 2013 savings	Verified True-up							12 12							0.00%	0.00%	92.00% 92.00%	8.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Work Work	Demand Response 3 Adjustment to 2013 savings	Verified True-up	331,641						1	13,261						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Viside	Home Assistance Program Home Assistance Program Adjustment to 2013 savings	Verified True-up	4,634,362 4,542,44 716,808 712,242	46 4,441,123 4,111, 2 705,966 683,5	708 3,950,956 511 672,234	3,831,294 3,692,431 663,399 658,361	3,684,889 658,361	2,333,239 2,314,718 567,708 567,708		808 200	803 790 200 190	8 781 9 198	773 767 197 197	759 75 197 19	59 689 669 07 192 192	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Value Valu	Aboriginal Program Home Assistance Program	Verified																												0%
## Part of the Par		Verified							0																					0%
Value	Pre-2011 Programs completed in 2011								0							0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Value		True-up							12 12							0.00%	0.00%	92.00%	8.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Find Find	High Performance New Construction Adjustment to 2013 savings	Verified True-up							12 12							0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Part Part	Toronto Comprehensive Adjustment to 2013 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Valide	LDC Custom Programs Adjustment to 2013 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Valide	Other Program Enabled Savings	Verified							0																					0%
The	Time of Use Savings	Verified							0																					0%
	Adjustment to 2013 savings LDC Pilots	Verified							12																					0%
Estimatio 2/13 234/ngs 100% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	Adjustment to 2013 savings Actual CDM Savings in 2013 Forecast CDM Savings in 2013		31,997,845 31,252,36	65 31,013,372 30,146	i,961 27,697,360	26,739,714 26,595,813	26,515,340	24,386,751 21,104,449	12	24,208	6,498 6,46	56 6,339	5,688 5,529	5,521 5,5	118 5,282 4,751	8,568,080	5,150,119	36,079	3,137	0	0	0	0	0	0 0		0	0	0	
\$0,0000 \$0,000	Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs		•										,			\$0.00000		\$0.00000			\$0.00000	\$0.00000			\$0.00000	\$0.00000	\$0.00000		\$0.00000	50.00
\$0.00 \$0.00	Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013															\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$ \$0.00 \$ \$0.00 \$	\$0.00 \$0.00 \$0.00 \$0.00
13 Savings Pressings in 2014 8.44646 5.15(1):18 15.012 2.046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2013 Savings Persisting in 2014 2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018															8,298,943 7,746,554 7,358,874 7,006,817	5,127,794 5,008,483 3,809,764 3,809,764	34,836 34,145 31,315 29,980	3,029 2,969 2,723 2,607	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
13 Savings Persisting in 2019 2,607 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2013 Savings Persisting in 2019 2013 Savings Persisting in 2020	lahana.			_		_		_			_	_					29,980 29,947	2,607 2,604	0	0	0	0	0	0	0	0	0	0	_
	Table 4-d. 2014 Lost Revenues Work Form	HOOMS	Return to Top																											

Table 4-d. 2014 Lost Revenues Work Form	n	Return to Top																																			
	Results	Net Energy Savings (kWh)			No	et Energy Sa	vings Persis	tence (kWh				Monthly	Net Der Savings				Net Peak	Demand :	Bavings Pe	rsistence (k	W)								Rate Allo	cations for LRA	MVA						
Program	Status	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Multiplier			2015	2016	2017	2018	2019	2020 21	021	2022 2023	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered								Total
Consumer Program Appliance Retirement Adjustment to 2014 savings	Verified True-up	263,320	263,320	263,320	0	0	0	0	0	0	0	1	3:	19	39	39	0	0	0	0	0	0 0	kWh 100% 100.00%	kWh 0.00%	0.00%	0.00%	WW 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Appliance Exchange Adjustment to 2014 savings	Verified True-up	74,996	74,996	74,996	74,996							1	4:	12	42	42	42						100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
HVAC Incentives Adjustment to 2014 savings	Verified True-up	2,035,819	2,035,819	2,035,819	2,035,819	2,035,819	2,035,819	2,035,819	2,035,819	2,035,819	2,035,819	}	1,1	109	1,109	1,109	1,109	1,109	1,109	1,109 1,	109	1,109 1,109	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	1,153,159	1,074,242	1,035,848	1,035,848	1,035,848	1,035,848	1,035,848	1,033,860	1,033,860	886,443	}	81	16	81	79	79	79	79	79	79	79 70	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	4,968,775	4,310,360	3,967,230	3,967,230	3,967,230	3,967,230	3,967,230	3,965,512	3,965,512	3,688,146	}	32	25	284	262	262	262	262	262 2	262	262 245	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retailer Co-op Adjustment to 2014 savings	Verified True-up											}											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response Adjustment to 2014 savings	Verified True-up	1,510										}	4,4	457									100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up											}											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2014 savings	Verified True-up											}											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

Business Program																	
10 Retroft Adjustment to 2014 savings	Verified True-up	10,282,049 19,255,169 19,255,169 18,859,307 18,859,307 18,752,564 18,193,283 17,398,199 14,867,215 12 2,594 2,586 2,596 2,473 2,473 2,473 2,443 2,362 2,362 2,360 1,56	0.00%	0.00%	79% 79.00%	21% 21.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	2,940,240 2,919,374 2,709,943 1,775,115 1,775,1	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up	157.250 157.250 157.250 3 133 133 133 133 133 133 133 133 133	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
13 New Construction Adjustment to 2014 savings	Verified True-up	\$21,315 \ \$21,31	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
14 Energy Audit Adjustment to 2014 savings	Verified True-up	1305,471 1305,471 1305,471 1305,471 1 12 267 267 267 267 1 12 12 12 12 12 12 12 12 12 12 12 12 1	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
15 Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up	12	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Small Commercial Demand Response (IHD)	Verified																0%
Adjustment to 2014 savings 17 Demand Response 3	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18 Process & System Upgrades Adjustment to 2014 savings	Verified True-up	12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Monitorina & Taraetina Adjustment to 2014 savings	Verified True-up	12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager Adjustment to 2014 savings	Verified True-up	1,056,692 1,056,692 1,055,205 1,055,2	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
21 Retrofit Adjustment to 2014 savings	Verified True-up	12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up	17,003	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Assistance Program Adjustment to 2014 savings	Verified True-up	4387.048 4382.015 3.075.382 3.842.043 3.737.111 3.737.111 3.673.667 3.668.74 2.357.679 2.344.311 717 713 668 669 669 669 669 660 660 660 662 59	5 100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program 24 Home Assistance Program Adiustment to 2014 savinos	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified True-up	2 2	0.00%	0.00%	79.00% 79.00%	21.00% 21.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 High Performance New Construction Adjustment to 2014 savings	Verified True-up	12 12	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Toronto Comprehensive Adjustment to 2014 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2014 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 31 Program Enabled Savings Adjustment to 2014 savings	Verified True-up	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Time of Use Savings Adjustment to 2014 savings	Verified True-up	0 2487	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
33 LDC Pilots Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2014	постор	32,147,644 37,278,045 36,380,989 34,472,269 32,985,951 32,880,208 32,257,822 32,248,223 30,142,701 27,190,568 31,000 6,294 6,195 5,610 5,295 5,265 5,192 5,181 5,011 4,65				6,537	0	0	0	0	0	0	0	0	0	0 1	
Forecast CDM Savings in 2014 Distribution Rate in 2014			\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revense in 2014 from 2011 programs Lost Revense in 2014 from 2012 programs Lost Revense in 2014 from 2013 programs Lost Revense in 2014 from 2013 programs Total Lost Revenues in 2014 Forectast Lost Revenues in 2014 LRAMVA in 2014			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019 2014 Savings Persisting in 10200			13,117,44 12,411,80 12,012,04 11,831,21 11,831,21 11,767,76	0 4,693,980 1 3,601,902 3 2,296,430 3 2,296,430	24,517 24,517 23,440 23,440 23,155 22,395	6,517 6,517 6,231 6,231 6,155 5,953	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	

2014 Savings Persisting in 2020

Note: LDC to make note of key assumptions included above



LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (CDS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, edipathments and program savings presistented data in these tables from the LDCs. Peristence Reports provided by the ESD (in Tab.) A noted earlier, persistence data is an indiale gour request from the ESD. Please also be address that the same rate classes (of up to 14) are carried over from the Summary Tab. 1.
Please sensure that the ESD verified earlier awards adjustments again place is a transport of the same part of the extra the LSD verified earlier and the LSD. All the same and the LSD verified earlier and the LSD verified could be a serviced to the same and the LSD. All the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to the same and the LSD verified to t

Part	Table 5-a. 2015 Lost Revenues Work Form			Net Energy										Net Demand	1														
Mathematical properties Mathematical pro	Program	Results Status	atus	Savings (kWh)			N	at Energy Sav	vings Persi	stence (kWh)				Savings (kW)			General					ations for LRAM	IVA						
Part				2015	2016	2017	2018	2019	2020	2021	2022	2023 202	4 Multiplier	2015	Residential	GS<50 kW	Service 50 to	Large Use	Large Use 2	Street Lighting	Scattered								Total
Part Part	Legacy Framework Residential Program														kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Adjunite policy of the polic	1 Coupon Initiative			585,232 3,141	580,190 3,081	580,190 3,081	580,190 3,081	580,190 3,081	580,190 3,081	580,190 3,081	580,033 3,064	580,033 580,0 3,064 3,08	033 54	38		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Ministry Service	Bi-Annual Retailer Event Initiative Adjustment to 2015 savings			1,375,807	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446 1	1,328,446 1,328	446	102		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Marcine for the form of the				86,849	86,849	86,849	86,432	47,616	0	0	0	0 0		13		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Marchan Marc	HVAC Incentives Initiative Adjustment to 2015 savings			1,477,035 37,584	1,477,035 37,584	1,477,035 37,584	1,477,035 37,584	1,477,035 37,584	1,477,035 37,584	1,477,035 37,584	1,477,035 1 37,584	1,477,035 1,477, 37,584 37,5	035			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Control place Part																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Contract Section Sec	6 Energy Audit Initiative														0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Contract Section Sec	7 Efficiency: Equipment Replacement	Verified	, [15.756.998 1	15.756.998	15.756.998	15.756.998	15.756.998 1	15.756.99R	15.756.998 1	5.756.998 1	5.756.998 15.754	1.998 12	2.370		81%	19%												100%
A control protection of the preference of the	Incentive Initiative Adjustment to 2015 savings		· I											-,	0.00%	81.00%	19.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
A control protection of the preference of the	Birect Install Lighting and Water Heating	Verified	. [4,901,161	4,211,758	3,148,129	3,146,287	3,146,287	3,146,287	3,146,287	3,146,287	3,146,287 3,146,	287 12	1,178			100.00%												100%
Property 1964 196	Adjustment to 2015 savings	True-up	, [-556,584	185,349	317,423						12		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
1															0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Part Part			-										_		1														
Process of Systems Ungenies braiders Verlat Substitution Verlat Subs				596,076	040,090	586,676	U	0	U	U	0	0 0	3	250	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Process and Signature (1978) Signature (1978)		Modfied		20.002.220	20,002,220	20,002,220	20,002,220	20,000,000	20,002,220	20 002 220 1	10 000 000 0	0.002.220 20.002	1220 42	2.240					100.00%										1000
2 Machine part Regular plantable Verfed			· [29,092,220 2	29,092,220	29,092,220	29,092,220	29,092,220 2	29,092,220	29,092,220 2	9,092,220 2	9,092,220 29,092		3,346	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Process and playeds brillatives Verland 1382,502	Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified											12	0				100.00%											100%
Second Associated Policitation	Adjustment to 2015 savings	True-up	, <u>t</u>										12		0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program Verted True-up True	Energy Manager Initiative			1,382,502	1,382,502	1,382,502	1,382,502	1,358,635	1,320,160	1,320,160	1,312,773 1	1,299,574 528,3			0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
1																													
Adjustment b 2015 savings Time-up Tim	14 Low Income Initiative														100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
1 Program Envised Savings Application St. 2015 savings Application St. 201				10,067,645 1	10,067,645	10,067,645	10,067,645	10,067,645 1	10,067,645	10,067,645 1	0,067,645 1	0,067,645 10,067			0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
1	16 Program Enabled Savings	Verified	. [417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923 417,9	923 0			0.00%	0.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings Time-up 12	17 Conservation Fund Pilot - EnerNOC												12																0%
Adjustment to 2015 savings Time-up Consequenting Policy SEG Adjustment to 2015 savings Time-up Adju	Adjustment to 2015 savings	Verified	. [12		1														0%
Adjustment to 2015 savings Time-up Tim	Adjustment to 2015 savings		_												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 savings Conservation First Pranswork Residential Province-Wide Programs 2 Save on Emeric Occoop Programs 2 Save on Emeric Occoop Programs 4 Save First Save Save Save Save Save Save Save Save	Adjustment to 2015 savings	True-up	· [12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Residential Province-Wide Programs 2 Save on Energy Coupon Pleasam Verfield 39/13/43 3.879.729 3	Adjustment to 2015 savings												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Residential Province-Wide Programs 21 Save on Energy Coupon Program			3,913,143 388,248	3,879,729 382,738	3,879,729 382,738	3,879,729 382,738	3,879,729 382,738	3,879,729 382,738	3,879,729 382,738	3,877,505 3 382,396	3,877,505 3,877, 382,396 382.3	505	252 25	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
																													100%

																											5
Adjustment to 2015 savings	True-up	172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830	90	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23 Save on Energy New Construction Program Adjustment to 2015 savings	Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program	Verified																										0%
Adjustment to 2015 savings	True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Verified						1		1		12		0.00%	0.00%	100.00%	0.00%	0.00%										100%
Adjustment to 2015 savings	True-up	76,159	76,159	76,159	76,159	76,159	76,159	76,159	76,159	76,159	76,159 12	16	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up	1,883,044 3,004,373	1,883,044 2,911,346	1,882,176 2,894,908	1,882,176 2,898,581	1,882,176 2,840,727	1,882,176 7 2,840,727	6 1,786,538 7 2,695,898	1,786,538 2,695,898	3 1,755,270 3 2,681,930	1,432,240 12 2,223,924 12	260 475	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2Z Save on Energy Small Business Lighting Program Adjustment to 2015 savings	Verified										12																0%
	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2015 savings	Verified										12																0%
	True-up					_	1	+			12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Verified True-up										3		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified										12																0%
Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Save on Energy Monitoring & Targeting Program	Verified										12																0%
Adjustment to 2015 savings	True-up Verified										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2015 savings	Verified										0																0%
Adjustment to 2015 savings 34 First Nation Conservation Local Program	True-up Verified									\vdash	0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up										0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35 Social Benchmarking Local Program Adjustment to 2015 savings	Verified True-up										0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc																											
36 Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2015 savings	Verified										12																0%
	True-up							_			12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2015 savings	Verified True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2015 savings	Verified										12																0%
	True-up						1				12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2015 savings	Verified True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	2,978,654									12	505	100.00%														100%
Adjustment to 2015 savings	True-up										12		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation 41 Voltage Regulation (CVR) Leveraging AMI	Verified										12																0%
41 Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																										0%
Adjustment to 2015 savings	True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified										12																0%
Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified										12																0%
Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2015 savings	Verified True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified						1				12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	***
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2015 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified										12																0%
Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified										12																0%
Adjustment to 2015 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2015 savings	Verified True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2015	ep	83,524,379 8	90,498,838	80,246,591	79,767,196	6 77,773,23	0 77,687,13	9 77,416,876	6 77,406,649	9 77,261,770 7	5,595,820	11,524	14,309,981	18,200,647	27,771	1,392	40,176	0.00%	0.00%	0.00%	0.00%	0	0.00%	0 1	0.00%	0.00%	
Forecast CDM Savings in 2015 Distribution Rate in 2015													\$0.00000	0	\$0.00000	\$0.00000	\$0.00000	\$0.00000	0	0	0	0	0	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs													\$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs													\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00
Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 Forecast Lost Revenues in 2015													\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
LRAMVA in 2015																		90.00	90.00	\$0.00	90.00	90.00	\$0.00	90.00	90.00	30.00	\$0.00
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018													11,183,805 11,174,477	19,273,736 19,334,257	24,559 23,478	1,392 1,392	40,176 40,176	0	0	0	0	0	0	0	0	0	
																							,				
2015 Savings Persisting in 2016 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020													11,166,168 11,127,352 11,079,736	19,331,195 18,012,976 18,012,976	23,059 21,689 21,675	1,392 1,392 1,236	40,176 40,176 40,176	0	0	0	0	0	0	0	0	0	

Table \$-b. 2016 Lost Revenues Work Form

Net Energy
Net Energy Savings Persistence (Wh)
Savings (Wh)
Net Demand
Savings (Wh)
Savings (Wh)
Savings (Wh)

Program	Results Status	15			رعه								Monthly Multiplier				General				Unmetered								
Legacy Framework		2	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	Residential kWh	GS<50 kW kWh	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting KW	Scattered Load kWh	0	0	0	0	0	0	0	Total
Residential Program 1 Coupon Initiative Adjustment to 2016 savings	Verified True-up												B E		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Verified True-up				=								7 F		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2016 savings	Verified True-up				\equiv	\equiv									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2016 savings	Verified True-up				=										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
g Residential New Construction and Major	Verified				=										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Renovation Initiative Adjustment to 2016 savings Commercial & Institutional Program	True-up												± ±		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Energy Audit Initiative Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2016 savings	Verified True-up												12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up												12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Existing Building Commissioning Incentive Initiative Adjustment to 2016 savings	Verified			Ħ	一								3		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program	True-up												3		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 Process and Systems Upgrades Initiatives - Proiect Incentive Initiative Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified												12																0%
Adjustment to 2016 savings Process and Systems Upgrades Initiatives -	True-up Verified												12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Enercy Manager Initiative Adjustment to 2016 savings Low Income Program	True-up												12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14 Low Income Initiative Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 15 Aboriginal Conservation Program Adjustment to 2016 savings	Verified True-up												0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Program Enabled Savings Adjustment to 2016 savings	Verified True-up												0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Adjustment to 2016 savings	Verified True-up	2	2,781	2,781	2,781	2,781	2,781	2,781	2,781	2,781	2,781	2,781	12		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
19 Conservation Fund Pilot - SEG Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2016 savings	Verified True-up												12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs													_																
21 Save on Energy Coupon Program Adjustment to 2016 savings	Verified True-up	15,7	788,572 15 761,333 1,	5,788,572 11 ,761,333 1	,788,572 ,761,333	15,788,572 1,761,333	15,788,572	15,788,572	15,788,572	15,786,158	15,786,158	15,715,82	19	1,031 112	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings	Verified True-up					3,798,500 31,221		3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	0	1,138	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program	Verified					18,591	18,591	18,591	18,591	18,591	18,591	18,591	i i	4	100.00%														100%
Adjustment to 2016 savings	True-up				13,049								1	3	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Save on Energy Home Assistance Program Adjustment to 2016 savings	Verified True-up	74	47,287 7	747,287	/47,287	747,287	747,287	745,739	745,739	745,739	745,739	656,028	1	58	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2016 savings	Verified True-up	15	57,712 1	157,712	157,712	157,712	157,712	157,712	157,712	157,712	157,712	157,712	12	21	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2016 savings	Verified True-up	23,8 1,8	840,182 23 190,561 2,	3,076,588 2 ,246,961 2	3,076,588	23,076,588	23,076,588	22,954,453	22,954,453	22,954,453	22,898,315	22,898,31	5 12 12	3,341 303	0.00%	37.46% 37.46%	43.82% 43.82%	10.32% 10.32%	8.41% 8.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Small Business Lighting Program Adjustment to 2016 savings	Verified True-up	6	5,908	65,908	62,249	56,749	53,584	44,903	42,087	33,654	27,309	22,379	12	12	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Save on Energy High Performance New Construction Program Adjustment to 2016 savings	Verified	33	39,878 3	339,878	339,878	339,878	339,878	339,878	339,878	339,878	339,878	339,878	12	64			100.00%												100%
Adjustment to 2016 savings Efficiency:Equipment Replacement Incentive Initiative (Streetlight project) Adjustment to 2016 savings	True-up Verified	90	00,782 9	900,782	900,782	900,782	900,782	900,782	900,782	900,782	900,782	900,782	12		0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	True-up				=								0 12		0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 Save on Energy Process & Systems Uborades Procram Adjustment to 2016 savings	Verified True-up	70	01,185 7	701,185	701,185								12	87	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings	Verified True-up												12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2016 savings	Verified True-up	6:	2,802										12 12	4	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refriceration Local Program Adjustment to 2016 savings	Verified True-up												0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings 24 First Nation Conservation Local Program Adjustment to 2016 savings	Verified True-up				\equiv								0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program	Verified True-up	3.4	124 202	=									0		400.00%			0.00%	0.00%	0.00%	0.00%		0.00%			0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings	True-up	3,4	34,382		-								0		100.00%	0.00%	0.00%	U.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Part Comment Comment Comment							
March 1976 started \$7.00 March 1976 started	Hydro Mississauga Inc e-Based Conservation Pilot Verified	12					0%
Adjustment to 2016 standing. The region of the control of the con		12	0.00% 0.00% 0.009	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Adjustment to 2016 standing. The region of the control of the con	es Ltd Building Optimization Verified	12					0%
Adjustment to 2011 earlings Nove	.o 2016 savings True-up	12	0.00% 0.00% 0.001	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Management Man			0.00% 0.00% 0.00*	1% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Rectar Difference 2019 survives No.	ies Corporation - ECM Furnace Verified	12					0%
Section of the content of the cont	.o 2016 savings True-up	12	0.00% 0.00% 0.00	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Vertex V	na Pilot		0.00% 0.00% 0.00	1% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Adjustment to 2016 savings Hydro Cilium Angustement points Particular Plate Partic		12					0%
## Segretary Werf Thermost Prior Verfed	to 2016 savings True-up	12	0.00% 0.00% 0.00*	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%
Adjustment to 2016 availages True-up Adjustment to 2016 availages True-up Verified 12 12 12 12 12 12 12 1	a Limited - Residential Demand /i-Fi Thermostat Pilot Verified						0%
Adjustment to 2016 savings The sept	o 2016 savings True-up		0.00% 0.00% 0.00%	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%
Nagara on the Lake Hydro live . Direct Adjustment for the Adjustment for the Adjustment for the Adjustment for the Adjustment for 2016 savings True-up	ilmot Hydro Inc Pilot - DCKV Verified	12					0%
44	.o 2016 savings True-up	12	0.00% 0.00% 0.00%	1% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Adjustment to 2016 savings Tine-up Control hydro-Electic System Limited - Adjustment to 2016 savings Tine-up Control hydro-Electic System Limited - Adjustment to 2016 savings Tine-up Ti	y Efficiency Measures for the Verified	12					0%
Vertical Adjustments to 2016 savings True-up	o 2016 savings True-up	12	0.00% 0.00% 0.00%	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%
See	- Hydronic		0.00% 0.00% 0.00!	1% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Control bytin-Electric System Limited - Developed Letter's System	ro Electricity Distribution Inc Verified	12					0%
Direct Installs - (Finds Spanners) True-up	- RTU Controls		0.00% 0.00% 0.00*	1% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	
Torordo Hydro-Electric System Limited -	- Hydronic (Pilot Sayings)						0%
48 Direct habital -RTU Controls (Pilot Savings) Verfied Adjustment to 2016 savings True-up Adjustment to 2016 savings True-up 12 0,00% 0		12	0.00% 0.00% 0.00%	10 0.0010 0.0010	0.00% 0.00%	0.00% 0.00%	0.00%
60 Toronto Hydro-Electric System Limited - PFP Verified 12 12		12					0%
22 - Large (Pilot Savings)	.o 2016 savings True-up	12	0.00% 0.00% 0.009	% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Adjustment to 2016 savings True-up 12 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	.o-Electric System Limited - PFP Verified	12					0%
	o 2016 savings True-up	12	0.00% 0.00% 0.00%	1% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Actual COM Savings in 2016 53,554,726 49,559,348 89,5726 48,585,376 44,584,275 44,751,571 44,749,059 44,735,240 44,875,756 44,510,756 518 725,954,161 21,273 4,512 3,676 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8,965,970 44,884,275 44,751,911 44,749,095 44,738,248 44,675,765 44,510,795 6,1					
Distribution Rate in 2016 \$0,00000 \$0,0	Rate in 2016		\$0.00000 \$0.00000 \$0.000	000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000
Lost Revenue in 2016 from 2012 programs \$0.00 \$0	e in 2016 from 2012 programs		\$0.00 \$0.00 \$0.00	00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
Lost Revenue in 2016 from 2014 programs \$0.00 \$0	e in 2016 from 2014 programs		\$0.00 \$0.00 \$0.00	00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
Lost Revenue in 2016 from 2016 from 2016 grograms \$0.00 \$0.0	e in 2016 from 2016 programs		\$0.00 \$0.00 \$0.00				
Forecast Lost Revenues in 2016 \$0.00	ost Revenues in 2016						
2016 Savingo Pessificing (2017 2 216.334 9.5516.575 20.585 4.420 3.001 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							

2016 Savings Persisting in 2020	
Note: I DC to make note of key assumptions included above	

Table 5-c. 2017 Lost Revenues Work Form		Return to top																										
		Net Energy Savings (kWh)				Net Energy	Savings Persi	istence (kWI	h)				Net Demand Savings (kW)							Rate Alloca	ations for LRAI	/IVA						
Program	Results Status	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Monthly Multiplier	2017	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load								Total
Legacy Framework Residential Program	ļ									,,				kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Coupon Initiative Adjustment to 2017 savings	Verified True-up]		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Verified True-up											}		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2017 savings	Verified True-up											}		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2017 savings	Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Renovation Initiative	Verified											I																0%
Adjustment to 2017 savings Commercial & Institutional Program	True-up											İ		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Energy Audit Initiative Adjustment to 2017 savings	Verified True-up											12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Verified True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
D	Verified											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
8 Initiative Adjustment to 2017 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative	Verified											3																0%
Adjustment to 2017 savings	True-up											3		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																0%
Adjustment to 2017 savings Process and Systems Upgrades Initiatives -	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Aujustinent to 2017 Savings	· · ae-ap					_						12		0.00%	0.00%	0.0070	0.0070	0.00%	0.00%	0.00%	0.0070	0.00%	0.00%	0.0070	0.00%	0.0010	0.0070	

13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Program Low Income Initiative Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up										0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Verified True-up										0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Loblaws Pilot Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified True-up	17	7,430,921 14, 22,479 1	026,490 14	4,026,490 1 18,089	4,026,490 18,089					E	1,209	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program Adjustment to 2017 savings	Verified True-up				2,872,872						Ī	839 137	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program	Verified		0									0															0%
Adjustment to 2017 savings Save on Energy Home Assistance Program	True-up				385,864	385,864	_				Ė	54	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2017 savings	Verified True-up		3,670	3,670	3,670	3,670						1	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2017 savings	Verified True-up		261,335 2	61,335	261,335	261,335			-		12	12	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2017 savings	Verified True-up	20	0,379,095 20, 8,389,307 8,3	379,095 21 389,307 8	0,379,095 2	0,379,095					12 12	2,342 1,215	0.02%	12.46% 12.16%	40.74% 76.30%	5.78% 3.95%	31.07% 6.34%	0.00%	9.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program -Streetlight	Verified										12	1,515						100.00%									100%
Adjustment to 2017 savings	True-up Verified		1.825.278 1.8	825.278 1	.755.606						12	338	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 Save on Energy Small Business Lighting Program Adjustment to 2017 savings	True-up						4			=	12		0.00%	95.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified True-up				62,713 181,855	62,713 181,855					12 12	20 17	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
29 Save on Energy Instant Discount Program Adjustment to 2017 savings	Verified True-up	16	6,472,455 11,	929,162 1	1,929,162	1,929,162					3	1,130	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Verified True-up				952,274 355,632						12 12	119	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
31 Whole Home Pilot Program Adjustment to 2017 savings	Verified True-up				467,510						12 12	48	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
31 Save on Energy Business Refrigeration Incentive Program Adjustment to 2017 savings	Verified True-up	:	755,897 7	57,635	757,635	703,360					12	114	0.00%	75.00% 75.00%	25.00% 25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
32 Save on Energy Energy Manager Program	Verified			=			\equiv				12		0.00%	70.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings Local & Regional Programs	True-up	5	5,439,415 4,	101,025 2	2,099,143	2,081,394					12		0.00%	8.53%	91.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business Refrigeration Local Program Adjustment to 2017 savings	Verified True-up	1	1,340,491 1,3	343,573 1	,343,573	1,247,322					12 12	198	0.00%	80.90% 80.90%	19.10% 19.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
34 Save on Energy Energy Performance Program for Multi-Site Customers Adjustment to 2017 savings	Verified True-up		241,357 2	41,357	241,357	241,357					0		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
35 Social Benchmarking Local Program Adjustment to 2017 savings	Verified True-up	6	5,170,847 6,	170,847 6	5,170,847	6,170,847					0	986	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
35 Smart Thermostat Program Adjustment to 2017 savings	Verified True-up		57,345 5	57,345	57,345	57,345	-				0		100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2017 savings	Verified										12																0%
Adjustment to 2017 savings EnWin Utilities Ltd Building Optimization Pilot	True-up Verified										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
88 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2017 savings	Verified True-up										12 12	_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation 41 Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2017 savings	Verified True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified	Ē																									0%
Adjustment to 2017 savings	True-up			+									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2017 savings	Verified True-up										12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct	Verified			Ī		Ī	Ī				12																0%
Install Energy Efficiency Measures for the Addicultural Sector Adjustment to 2017 savings	True-up										12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

45 Oakville Hydro Electricity Distribution Inc	Verified											12																0%
Direct Install - Hydronic Adjustment to 2017 savings	True-up			1	1	1						12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Aujustilient to 2017 savings	Hue-up				-							12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc	Verified											12																0%
Direct Install - RTU Controls																												0%
Adjustment to 2017 savings	True-up				<u> </u>							12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited -					1				_		_	1		1														
47 Direct Install - Hydronic (Pilot Savings)	Verified											12																0%
Adjustment to 2017 savings	True-up			1								12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited -				1																								
48 Direct Install - RTU Controls (Pilot Savings)	Verified											12																0%
Adjustment to 2017 savings	True-up		_	 	+	+		_				12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pagasinent to 2017 surings																												
Toronto Hydro-Electric System Limited - PFP	Verified											12																0%
- Large (Pilot Savings) Adjustment to 2017 savings				1																								0.0
	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2017		84 342 585	75 056 901	72 985 347	72 772 52	s 0	0	0		0			10 354	44 159 360	7 409 435	26 300	2 199	9.657	18 182	2 130 908	0			0	0		0	
Actual CDM Savings in 2017 Forecast CDM Savings in 2017		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	44,159,360	7,409,435	26,300	2,199	9,657	18,182	2,130,908	0	0	0	0	0	0	0	
Actual CDM Savings in 2017 Forecast CDM Savings in 2017		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354		7,409,435 0	26,300 0			18,182 0		0			0	0	0		
Forecast CDM Savings in 2017 Distribution Rate in 2017		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	0 0 \$0.00000	\$0.00000	\$0.00000	0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000	\$0.00000	
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	0	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	0	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00000 \$0.00	\$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00000 \$0.00 \$0.00	\$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Loss Revenue in 2017 from 2011 programs Loss Revenue in 2017 from 2012 programs Loss Revenue in 2017 from 2013 programs Loss Revenue in 2017 from 2014 programs Loss Revenue in 2017 from 2014 programs Loss Revenue in 2017 from 2015 programs		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2016 programs		84,342,585	75,056,901	1 72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2017 programs Lost Revenue in 2017 from 2017 programs Lost Revenue in 2017 from 2017 programs		84,342,585	75,056,901	1 72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2017 programs Total Lost Revenues in 2017 from 2017 programs Total Lost Revenues in 2017 from 2017 programs		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forcest CDM Savings in 2017 Distribution Ratie in 2017 Los Revenue in 2017 from 2011 programs Los Revenue in 2017 from 2011 programs Los Revenue in 2017 from 2013 programs Los Revenue in 2017 from 2013 programs Los Revenue in 2017 from 2014 programs Los Revenue in 2017 from 2015 programs Los Revenue in 2017 from 2015 programs Los Revenue in 2017 from 2015 programs Total Lost Revenues in 2017 Forcest Los Revenues in 2017 Forcest Los Revenues in 2017		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2017 programs Total Lost Revenues in 2017 from 2017 programs Total Lost Revenues in 2017 from 2017 programs		84,342,685	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Disblatch In Jea		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Dashbludin Pais in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2011 grograms Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2017 programs Forecast Lost Revenues in 2017 Z017 Savings Parsisting in 2018 Z017 Savings Parsisting in 2018 Z017 Savings Persisting in 2019		84,342,585	75,056,901	72,985,347	72,772,528	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0,00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$1.00 \$1.00	\$0.00000 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Forecast CDM Savings in 2017 Disblatch In Jea		84,342,585	75,056,901	72,985,347	72,772,52	8 0	0	0	0	0	0		10,354	\$0.00000 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions include	ed above		
Table 5-d. 2018 Lost Revenues Work Form		Metar 15 tip	
		Net Energy Sevings (Wth) Net Energy Savings Persistence (Wth) Sevings (Wth) Net Energy Savings Persistence (Wth) Not Demand Sevings (Wth) Notothly Notothly	
Program	Results Status	2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2018 Residential GS-50 kW Service 5 to Large Use Large Use 2 Street Lighting Unmetered Load	Total
Legacy Framework		M/h W/h W/W W/W W/W W/h 0 0 0 0	
Residential Program Coupon Initiative Adjustment to 2018 savings	P/C Report Post P/C Report	100,00% 100,00% 0,00%	0.00% 0.00% 0.00%
Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Verified True-up	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Appliance Retirement Initiative Adjustment to 2018 savings	Verified True-up	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
4 HVAC Incentives Initiative Adjustment to 2018 savings	Verified True-up	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
5 Residential New Construction and Major Adjustment to 2018 savings	Verified True-up	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Commercial & Institutional Program E Energy Audit Initiative	Verified		0%
Adjustment to 2018 savings	True-up	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
 Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2018 savings 	Verified True-up	12 12 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
B Direct Install Lighting and Water Heating Initiative	Verified	12	0%
Adjustment to 2018 savings	True-up	12 0.0% 0.0% 0.0% 0.0% 0.0% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%
Initiative Adjustment to 2018 savings	Verified True-up	12 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Existing Building Commissioning Incentive Initiative	Verified True-up	3 000% 000% 000% 000% 000% 000% 000% 00	0.00% 0.00% 0.00%
Adjustment to 2018 savings Industrial Program	True-up		0.00% 0.00%
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2018 savings	Verified True-up	12 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified	12	0%
Adjustment to 2018 savings	True-up	12 april apr	0.00% 0.00%
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified True-up	12 0,00% 0,00	0.00% 0.00% 0.00%
Adjustment to 2018 savings Low Income Program		1000 0000 0000 0000 0000 0000 0000 0000	
14 Low Income Initiative Adjustment to 2018 savings	Verified True-up	12 con con con con con con con con con con	0.00% 0.00% 0.00%
Other Aboriginal Conservation Program Adjustment to 2018 savings	Verified True-up	0 000% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
16 Program Enabled Savings Adjustment to 2018 savings	Verified True-up	0 0 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Conservation Fund Pilots 1Z Conservation Fund Pilot - EnerNOC	Verified	12	0%
Adjustment to 2018 savings 18 Loblaws Pilot	True-up Verified	12 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Adjustment to 2018 savings	True-up Verified	12 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	0.00% 0.00% 0.00%
19 Conservation Fund Pilot - SEG Adjustment to 2018 savings	True-up	12 cons cons cons cons cons cons cons cons	0.00% 0.00% 0.00%
20 Social Benchmarking Pliot Adjustment to 2018 savings	Verified True-up	12 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Conservation First Framework Residential Province-Wide Programs 21 Instant Discount Program	P/C Report	7,660,380 668 100,00%	100%
Adjustment to 2018 savings	Post P/C Report	100,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00%	0.00% 0.00% 0.00%
22 Save on Energy Heating and Cooling Program Adjustment to 2018 savings	P/C Report Post P/C Report	880,906 456 100.00% 64.335 0 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Save on Energy New Construction Program	P/C Report	210,227 36 100,00%	100%
Adjustment to 2018 savings	Post P/C Report	0 100 00% 0 00% 0 00% 0 00% 0 00% 0 00% 0 00% 0 00% 0 00% 0 00% 0 00% 0 00%	0.00% 0.00%

Save on Energy Home Assistance Program	P/C Report	133.395										1	14	100.00%														100%
Adjustment to 2018 savings	Post P/C Report	0										1		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2018 savings	P/C Report Post P/C Report	397,169 844,170										12 12	18 37	0.00%	10.53% 10.53%	89.47% 89.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program - FCR Adjustment to 2018 savings	P/C Report Post P/C Report	8,816,627 6,223,728										12 12	1,214 857	0.00%	11.77% 11.77%	69.60% 69.60%	5.17% 5.17%	12.20% 12.20%	0.00%	1.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 Program Adjustment to 2018 savings	P/C Report Post P/C Report	1,289,754										12	223 46	0.00%	90.22%	9.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Retrofit Program - Streetlighting Project	P/C Report	265,279										12	286		90.22%	9.78%			100.00%				100.00%					200%
Adjustment to 2018 savings 29 Save on Energy Retrofit Program - P4P Adjustment to 2018 savings	Post PIC Report PIC Report Post PIC Report	4,855,692 4,805,553 35,629,799										12	676 5.013	0.00%	0.00% 12.50%	0.00% 61.27% 61.27%	0.00% 2.96%	0.00% 20.70% 20.70%	0.00%	0.00% 2.55% 2.55%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%
30 Save on Energy Process & Systems Uborades Program Adjustment to 2018 savings	P/C Report	87,316										12	0			100.00%												100%
Adjustment to 2018 savings Save on Energy Monitoring & Targeling Program Adjustment to 2018 savings	Post P/C Report Verified	283,032										12	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Save on Energy Energy Manager Program Adjustment to 2018 savings	P/C Report Post P/C Report	3,277,606										12 12	315	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2018 savings	P/C Report Post P/C Report	517,591 0										12 12	51	0.00%	48.54% 48.54%	51.46% 51.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
34 Smart Thermostat Program Adjustment to 2018 savings	Verified True-up	189,498										0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
35 Social Benchmarking Local Program Adjustment to 2018 savings	Verified True-up											0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc Berformance-Based Conservation Pilot	Verified											12																0%
Program - Conservation Fund Adjustment to 2018 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Building Optimization Pilot	Verified											12																0%
Adjustment to 2018 savings	True-up Verified											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2018 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2018 savings	Verified True-up											12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2018 savings	Verified True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation	Verified											12																0%
41 Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2018 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																											0%
Adjustment to 2018 savings Kitchener-Wilmot Hydro Inc Pilot - DCKV	True-up											1		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2018 savings	Verified True-up											12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Verified											12																0%
Adjustment to 2018 savings Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	True-up Verified											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install - RTU Controls Adjustment to 2018 savings	Verified True-up											12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2018 savings	Verified True-up											12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified											12																0%
Adjustment to 2018 savings	True-up											12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2018 savings	Verified True-up											12 12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2018 Forecast CDM Savings in 2018		75,854,537	0	0	0	0	0	0	0	0	0		9,884	8,561,221 22,612,726	8,607,946 7,191,289	64,121 165,380	3,305 0	17,163 0	3,434 0	1,219,213	0	0	4,855,692 0	0	0	0	0	\blacksquare
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs														\$0.00540	\$0.01060	\$2.55580	\$1.40160	\$0.33400	\$5.41710	\$0.01310	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00 \$0.00
Lost Revenue in 2018 from 2013 programs														\$63,888.55 \$60,297.31	\$24,342.16 \$204,910.66	\$59,908.83 \$58,934.09	\$8,733.34	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$156,872.88
Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2017 programs														\$119,671.20 \$195.519.13	\$101,311.01 \$77.370.38	\$53,320.23 \$67,227.36	\$1,951.03 \$6,203.62 \$3,082.39	\$13,418.78 \$1,204.41 \$3,225.57	\$0.00 \$98.493.31	\$0.00 \$27.914.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$339,511.87 \$281,710.47 \$472,833.04
Lost Revenue in 2018 from 2018 programs														\$46,230.59 \$485,606.78	\$91,244.23 \$499,178,44	\$163,880.72 \$403,271,23	\$4,631.61 \$24,601.97	\$5,732.54 \$23,581.30	\$18,604.93 \$117.098.24	\$15,971.69 \$43,886.59	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$346,296.30 \$1,597,224,56
Forecast Lost Revenues in 2018 LRAMVA in 2018														\$122,108.72	\$76,227.66	\$422,678.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$621,014.59 \$976,209.97
2018 Savings Persisting in 2019 2018 Savings Persisting in 2020 Note: Alectra relied on the Participation and Cost	Penort (P/C) and true	un any caylogr cubres	nument to R/C	report hared	on the CDM II	rtion on clores	d/oxid oroin	rtr						0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: Alectra relied on the Participation and Cost Report (P/C) and true up any savings subsequent to P/C report based on the CDM listing on closed/paid projects

		Net Energy Savings (kWh)			N	et Energy S	avings Persi	stence (kWh					Net Demand Savings (kW)							Rate Allocat	tions for LRAN	IVA						
Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Monthly Multiplier	2019	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load								1
egacy Framework esidential Program		-											"	kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
oupon Initiative	Verified											1																

La control and and and								_		0.00%		0.00%											
Adjustment to 2019 savings 2. Bi-Annual Retailer Event Initiative Adjustment to 2019 savings	True-up Verified True-up								0.00%		0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up Verified		_						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2019 savings	True-up Verified		_	上					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2019 savings	True-up								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
 Residential New Construction and Major Adjustment to 2019 savings 	Verified True-up								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2019 savings	Verified True-up							12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
The efficiency: Equipment Replacement Incentive Initiative Adjustment to 2019 savings	Verified True-up							12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
9 New Construction and Major Renovation Initiative Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2019 savings	Verified							3															0%
Industrial Program	True-up Verified							3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Proiect Incentive Initiative Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2019 savings	Verified							12	0.00%														0%
Other 15 Aboriginal Conservation Program	True-up Verified							12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings 16 Program Enabled Savings Adjustment to 2019 savings	True-up Verified True-up							0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Bilate	Verified							12															0%
17 Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings 18 Loblaws Pilot Adjustment to 2019 savings	True-up Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG			_	_		+		12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings 20 Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up Verified							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Residential Province-Wide Programs 21 Save on Enerov Coupon Program Adjustment to 2019 savings	Verified True-up		<u> </u>						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Heating and Cooling Program Adjustment to 2019 savings	Verified True-up		-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy New Construction Program	Verified		\equiv																				0%
Adjustment to 2019 savings Save on Energy Home Assistance Program	True-up		=	=					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2019 savings	Verified True-up								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2019 savings	Verified True-up							12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program Adjustment to 2019 savings	Verified True-up				Ē	Ē	Ē	12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 Save on Energy Small Business Lighting Program Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy High Performance New Construction Program Adjustment to 2019 savings	Verified True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Save on Energy Existing Building	Verified							3															0%
Adjustment to 2019 savings Save on Energy Process & Systems Updrades Program Adjustment to 2019 savings	True-up Verified							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Adjustment to 2019 savings Save on Energy Monitoring & Targeting Program Adjustment to 2019 savings	True-up Verified							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up		旦	丰				12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Save on Energy Energy Manager Program Adjustment to 2019 savings	Verified True-up							12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs Business Refriceration Local Program Adjustment to 2019 savings	Verified True-up							0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2019 savings	Verified True-up							0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
35 Social Benchmarking Local Program Adjustment to 2019 savings	Verified True-up							0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Pilot Programs Enersource Hydro Mississauga Inc				_	_	_																	094
36 Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2019 savings	Verified							12															0%

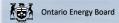
EnWin Utilities Ltd Building Optimization Pilot	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2019 savings	Verified True-up							12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified							12															0%
Motor Pilot Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation 41 Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																						0%
Adjustment to 2019 savings	True-up								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Verified							12															0%
Agricultural Sector Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2019 savings	Verified True-up						_	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified							12															0%
Direct Install - Hydronic (Pilot Savings) Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified							12															0%
Adjustment to 2019 savings	True-up							12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2019 Forecast CDM Savings in 2019		۰	-		-		_		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2019		-		 		 			•			•		•					•				
Lost Revenue in 2019 from 2011 programs									\$0.00000 \$0.00	\$0.00000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.0000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.0000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.00000	\$0.00
Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs									\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2015 programs									\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Lost Revenue in 2019 from 2016 programs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2018 programs									\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2019 programs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2019 Forecast Lost Revenues in 2019									\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
LRAMVA in 2019										*****	*****	*****	*****	*****	*****			*****		•	*****		\$0.00
2019 Savings Persisting in 2020									0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Note: LDC to make note of key assumptions included																							

Note:	LDC to	make	note	ot.	key	assumptions	included	above	

able 5-f. 2020 Lost Revenues Work Form		Return to too																										
		Net Energy Savings (kWh)			N	let Energy Sa	vings Persi	stence (kWh))				Net Demand Savings (kW)							Rate Alloc	ations for LRAN	IVA						
Program Results	Status	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Monthly Multiplier	2020	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load								Total
egacy Framework														kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
ctual CDM Savings in 2020		0											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
orecast CDM Savings in 2020														0	0	0	0	0	0	0	0	0	0	0	0	0	0	
islatibution Ratie in 2020 set Revenue in 2020 from 2011 programs set Revenue in 2020 from 2012 programs set Revenue in 2020 from 2013 programs set Revenue in 2020 from 2013 programs set Revenue in 2020 from 2014 programs set Revenue in 2020 from 2014 programs set Revenue in 2020 from 2016 programs set Revenue in 2020 from 2016 programs set Revenue in 2020 from 2016 programs set Revenue in 2020 from 2016 programs set Revenue in 2020 from 2016 programs set Revenue in 2020 from 2019 programs set Revenue in 2020 from 2020 programs set Revenue in 2020 from 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Revenue in 2020 programs set Revenue in 2020 Reven														\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Return to to



LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Total

\$0.00 \$0.00 \$0.00 \$0.00 \$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00 \$0.00

\$0.00

\$0.00

\$0.00 \$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00 \$0.00 \$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Legend

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

Instructions

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
- 2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
- 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Table 6 Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use 2	Street Lighting	Unmetered Scattered Load			
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q4	1.47%	Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2012 Q1 2012 Q2	1.47%	May-11 Jun-11	2011	Q2 Q2	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2012 Q2 2012 Q3	1.47%	Jul-11	2011	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2012 Q4	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q2	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q3	1.47%	Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2013 Q4	1.47%	Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2014 Q1	1.47%	Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2014 Q2	1.47%	Amount Cleared													_
2014 Q3	1.47%	Opening Balan			0.4007	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2014 Q4 2015 Q1	1.47%	Jan-12 Feb-12	2011-2012 2011-2012	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2015 Q1 2015 Q2	1.10%	Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q3	1.10%	Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q4	1.10%	May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2016 Q1	1.10%	Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2016 Q2	1.10%	Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2016 Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2016 Q4	1.10%	Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2017 Q1 2017 Q2	1.10%	Oct-12 Nov-12	2011-2012 2011-2012	Q4 Q4	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2017 Q2 2017 Q3	1.10%	Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2017 Q3	1.50%	Total for 2012		Q4	0.1270	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2018 Q1	1.50%	Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-
2018 Q2	1.89%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2018 Q3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2019 Q2	2.18%	Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2019 Q3 2019 Q4	2.18%	May-13 Jun-13	2011-2013 2011-2013	Q2 Q2	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2020 Q1	2.18%	Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q2	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q4	0.57%	Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2021 Q1		Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2021 Q2		Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q3		Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q4 2022 Q1		Amount Cleared Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2022 Q1		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2022 Q3		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2022 Q4		Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2023 Q2		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2023 Q3		Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q4 2024 Q1		Jul-14	2011-2014	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2024 Q1 2024 Q2		Aug-14 Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q2 2024 Q3		Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q4		Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2025 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2025 Q2		Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Amount Cleared													
2025 Q3		Onening Below	nce for 2015	1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2025 Q3 2025 Q4															
		Jan-15 Feb-15	2011-2015 2011-2015	Q1 Q1	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_

445 0044 0045	Q2	0.000/	\$0.00	60.00	60.00	60.00	60.00	60.00	60.00	*0.00	60.00	60.00	\$0.00	\$0.00	\$0.00	60.00	** **
Apr-15 2011-2015 May-15 2011-2015	Q2	0.09%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Jun-15 2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15 2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15 2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15 2011-2015 Oct-15 2011-2015	Q3 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Nov-15 2011-2015	Q4 Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-15 2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Opening Balance for 2016	01	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Feb-16 2011-2016	01	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-16 2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-16 2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-16 2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-16 2011-2016 Jul-16 2011-2016	Q2 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-16 2011-2016	Q3 Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-16 2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2016	1	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared Opening Balance for 2017		1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-17 2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-17 2011-2017 Jun-17 2011-2017	Q2 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Jul-17 2011-2017 Jul-17 2011-2017	Q2 Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-17 2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-17 2011-2017 Dec-17 2011-2017	Q4 Q4	0.13%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Total for 2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared			\$0.00	\$0.00	V 0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balance for 2018			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18 2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18 2011-2018	Q1	0.13%	\$37.86	\$44.06	-\$2.02	\$2.56	\$2.46	\$12.20	\$4.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$101.69
Mar-18 2011-2018 Apr-18 2011-2018	Q1 Q2	0.13%	\$75.73 \$143.13	\$88.11 \$166.54	-\$4.04 -\$7.64	\$5.13 \$9.69	\$4.91 \$9.29	\$24.40 \$46.11	\$9.14 \$17.28	\$0.00 \$0.00	\$203.38 \$384.38						
May-18 2011-2018	Q2	0.16%	\$190.84	\$222.05	-\$7.04	\$12.92	\$12.38	\$61.48	\$23.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$512.51
Jun-18 2011-2018	Q2	0.16%	\$238.55	\$277.56	-\$12.74	\$16.15	\$15.48	\$76.85	\$28.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$640.64
Jul-18 2011-2018	Q3	0.16%	\$286.25	\$333.07	-\$15.28	\$19.37	\$18.57	\$92.21	\$34.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$768.77
Aug-18 2011-2018	Q3 Q3	0.16%	\$333.96	\$388.59	-\$17.83	\$22.60	\$21.67	\$107.58	\$40.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$896.89
Sep-18 2011-2018 Oct-18 2011-2018	Q3 Q4	0.16%	\$381.67 \$492.99	\$444.10 \$573.63	-\$20.38 -\$26.32	\$25.83 \$33.37	\$24.76 \$31.98	\$122.95 \$158.81	\$46.08 \$59.52	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	+	\$1,025.02 \$1,323.98
Nov-18 2011-2018	Q4	0.18%	\$547.77	\$637.36	-\$20.32	\$37.07	\$35.54	\$176.46	\$66.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,471.09
Dec-18 2011-2018	Q4	0.18%	\$602.55	\$701.10	-\$32.17	\$40.78	\$39.09	\$194.11	\$72.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,618.20
Total for 2018			\$3,331.31	\$3,876.17	-\$177.86	\$225.47	\$216.11	\$1,073.16	\$402.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,946.56
Amount Cleared																	
Opening Balance for 2019	04	0.000/	\$3,331.31	\$3,876.17	-\$177.86	\$225.47	\$216.11	\$1,073.16	\$402.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,946.56
Jan-19 2011-2019 Feb-19 2011-2019	Q1 Q1	0.20%	\$742.14 \$742.14	\$863.52 \$863.52	-\$39.62 -\$39.62	\$50.23 \$50.23	\$48.15 \$48.15	\$239.08 \$239.08	\$89.60 \$89.60	\$0.00 \$0.00	\$1,993.10 \$1,993.10						
Mar-19 2011-2019	Q1	0.20%	\$742.14	\$863.52	-\$39.62	\$50.23	\$48.15	\$239.08	\$89.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,993.10
Apr-19 2011-2019	Q2	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,773.45
May-19 2011-2019	Q2	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,773.45
Jun-19 2011-2019 Jul-19 2011-2019	Q2 Q3	0.18%	\$660.35 \$660.35	\$768.36 \$768.36	-\$35.26 -\$35.26	\$44.69 \$44.69	\$42.84 \$42.84	\$212.73 \$212.73	\$79.73 \$79.73	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00		\$1,773.45 \$1,773.45
Aug-19 2011-2019	Q3	0.18%	\$660.35	\$768.36	-\$35.26 -\$35.26	\$44.69	\$42.84 \$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,773.45
Sep-19 2011-2019	Q3	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,773.45
Oct-19 2011-2019	Q4	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,773.45
Nov-19 2011-2019	Q4	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,773.45
Dec-19 2011-2019 Total for 2019	Q4	0.18%	\$660.35 \$11,500.93	\$768.36 \$13,381.99	-\$35.26 - \$614.03	\$44.69 \$778.40	\$42.84 \$746.10	\$212.73 \$3,704.94	\$79.73 \$1,388.55	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$1,773.45 \$30,886.88
Amount Cleared		1	\$11,000.93	¢13,301.39	-3014.03	\$110.40	\$140.10	\$3,104.94	\$1,300.35	\$0.00	au.00	\$U.UU	şu.00	\$0.00	\$U.UU	\$U.UU 3	guu,000.68
Opening Balance for 2020			\$11,500.93	\$13,381.99	-\$614.03	\$778.40	\$746.10	\$3,704.94	\$1,388.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,886.88
Jan-20 2011-2020	Q1	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,773.45
Feb-20 2011-2020	Q1	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,773.45
Mar-20 2011-2020 Apr-20 2011-2020	Q1	0.18%	\$660.35	\$768.36	-\$35.26	\$44.69	\$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,773.45
	Q2 Q2	0.18%	\$660.35 \$660.35	\$768.36 \$768.36	-\$35.26 -\$35.26	\$44.69 \$44.69	\$42.84 \$42.84	\$212.73 \$212.73	\$79.73 \$79.73	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$1,773.45 \$1,773.45
		0.18%	\$660.35	\$768.36	-\$35.26 -\$35.26	\$44.69	\$42.84 \$42.84	\$212.73	\$79.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,773.45
May-20 2011-2020			\$172.66	\$200.90	-\$9.22	\$11.69	\$11.20	\$55.62	\$20.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$463.70
	Q2 Q3	0.05%			-\$9.22	\$11.69	\$11.20	\$55.62	\$20.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$463.70
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020	Q3 Q3	0.05%	\$172.66	\$200.90						\$0.00	\$0.00	\$0.00					\$463.70
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020 Sep-20 2011-2020	Q3 Q3 Q3	0.05% 0.05%	\$172.66	\$200.90	-\$9.22	\$11.69	\$11.20	\$55.62	\$20.85				\$0.00	\$0.00	\$0.00	\$0.00	0.000
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020 Sep-20 2011-2020 Oct-20 2011-2020	Q3 Q3 Q3 Q4	0.05% 0.05% 0.05%	\$172.66 \$172.66	\$200.90 \$200.90	-\$9.22 -\$9.22	\$11.69	\$11.20	\$55.62	\$20.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$463.70
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020 Sep-20 2011-2020 Oct-20 2011-2020 Nov-20 2011-2020	Q3 Q3 Q3 Q4 Q4	0.05% 0.05% 0.05% 0.05%	\$172.66 \$172.66 \$172.66	\$200.90 \$200.90 \$200.90	-\$9.22 -\$9.22 -\$9.22					\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$463.70
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020 Sep-20 2011-2020 Oct-20 2011-2020	Q3 Q3 Q3 Q4	0.05% 0.05% 0.05%	\$172.66 \$172.66	\$200.90 \$200.90	-\$9.22 -\$9.22	\$11.69 \$11.69	\$11.20 \$11.20	\$55.62 \$55.62	\$20.85 \$20.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020 Sep-20 2011-2020 Oct-20 2011-2020 Dec-20 2011-2020 Total for 2020 Amount Cleared	Q3 Q3 Q3 Q4 Q4	0.05% 0.05% 0.05% 0.05%	\$172.66 \$172.66 \$172.66 \$172.66 \$16,499.03	\$200.90 \$200.90 \$200.90 \$200.90 \$19,197.56	-\$9.22 -\$9.22 -\$9.22 -\$9.22 -\$9.87	\$11.69 \$11.69 \$11.69 \$11.69 \$1,116.67	\$11.20 \$11.20 \$11.20 \$1,070.35	\$55.62 \$55.62 \$55.62 \$5,315.04	\$20.85 \$20.85 \$20.85 \$1,991.99	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$463.70 \$463.70 \$44,309.76
May-20 2011-2020 Jun-20 2011-2020 Jul-20 2011-2020 Aug-20 2011-2020 Sep-20 2011-2020 Obt-20 2011-2020 Nov-20 2011-2020 Dec-20 2011-2020 Total for 2020	Q3 Q3 Q3 Q4 Q4	0.05% 0.05% 0.05% 0.05%	\$172.66 \$172.66 \$172.66 \$172.66	\$200.90 \$200.90 \$200.90 \$200.90	-\$9.22 -\$9.22 -\$9.22 -\$9.22	\$11.69 \$11.69 \$11.69	\$11.20 \$11.20 \$11.20	\$55.62 \$55.62 \$55.62	\$20.85 \$20.85 \$20.85	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$463.70 \$463.70

Supporting Documenta LDC Persistence Savings Result

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

Instructions (Steps)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns
- 2. Please identify the source of the report via the dropdown list in Column I.
- 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by cli
- 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with
- 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below m

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	#1					#3	#2	#4
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings
Tier 1	Consumer	Appliance Exchange	Horizon Utilities Corporation	Residential	EE	2011		Final; Released August 31, 2012
Tier 1	Consumer	Appliance Retirement	Horizon Utilities Corporation	Residential	EE	2011		Final; Released August 31, 2012
Tier 1	Consumer	Bi-Annual Retailer Event	Horizon Utilities Corporation	Residential	EE	2011		Final; Released August 31, 2012
Tier 1	Consumer	Conservation Instant Coupon Booklet	Horizon Utilities Corporation	Residential	EE	2011		Final; Released August 31, 2012
Tier 1	Consumer	HVAC Incentives	Horizon Utilities Corporation	Residential	EE	2011		Final; Released August 31, 2012
Tier 1	Consumer	Residential Demand Response	Horizon Utilities Corporation	Residential	DR	2011		Final; Released August 31, 2012
Tier 1	Consumer	Retailer Co-op	Horizon Utilities Corporation	Residential	EE	2011		Final; Released August 31, 2012
Tier 1	Business	Commercial Demand Response (part of the Re	Horizon Utilities Corporation	Commercial & Institutional	DR	2011		Final; Released August 31, 2012
Tier 1	Business	Demand Response 3 (part of the Industrial pro	Horizon Utilities Corporation	Commercial & Institutional	DR	2011		Final; Released August 31, 2012
Tier 1	Business	Direct Install Lighting	Horizon Utilities Corporation	Commercial & Institutional	EE	2011		Final; Released August 31, 2012
Tier 1	Business	Retrofit	Horizon Utilities Corporation	Commercial & Institutional	EE	2011		Final; Released August 31, 2012
Tier 1	Business	Energy Audit	Horizon Utilities Corporation	Commercial & Institutional	EE	2011		Final; Released August 31, 2012
Tier 1	Industrial	Demand Response 3	Horizon Utilities Corporation	Industrial	DR	2011		Final; Released August 31, 2012
Tier 1	Industrial	Retrofit	Horizon Utilities Corporation	Industrial	EE	2011		Final; Released August 31, 2012
Tier 1	Pre-2011 Prog	Electricity Retrofit Incentive Program	Horizon Utilities Corporation	Commercial & Institutional	EE	2011		Final; Released August 31, 2012
Tier 1	Pre-2011 Prog	High Performance New Construction	Horizon Utilities Corporation	Commercial & Institutional	EE	2011		Final; Released August 31, 2012
Tier 1	Business	Direct Install Lighting	Horizon Utilities Corporation	C&I	EE	2012		Final; Released August 31, 2013
Tier 1	Business	Retrofit	Horizon Utilities Corporation	C&I	EE	2012		Final; Released August 31, 2013
Tier 1	Business	Energy Audit	Horizon Utilities Corporation	C&I	EE	2012		Final; Released August 31, 2013
Tier 1	Business	High Performance New Construction	Horizon Utilities Corporation	C&I	EE	2012		Final; Released August 31, 2013
Tier 1	Consumer	Appliance Exchange	Horizon Utilities Corporation	Residential	EE	2012		Final; Released August 31, 2013
Tier 1	Consumer	Appliance Retirement	Horizon Utilities Corporation	Residential	EE	2012		Final; Released August 31, 2013
Tier 1	Consumer	Bi-Annual Retailer Event	Horizon Utilities Corporation	Residential	EE	2012		Final; Released August 31, 2013
Tier 1	Consumer	Conservation Instant Coupon Booklet	Horizon Utilities Corporation	Residential	EE	2012		Final; Released August 31, 2013
Tier 1	Consumer	HVAC Incentives	Horizon Utilities Corporation	Residential	EE	2012		Final; Released August 31, 2013
Tier 1	Consumer	Residential Demand Response	Horizon Utilities Corporation	Residential	DR	2012		Final; Released August 31, 2013
Tier 1	Home Assista	Home Assistance Program	Horizon Utilities Corporation	Residential	EE	2012		Final; Released August 31, 2013
Tier 1	Industrial	Demand Response 3	Horizon Utilities Corporation	Industrial	DR	2012		Final; Released August 31, 2013

tion:

ts from IESO

Version 5.0 (2021)

1,091

1,091

837

B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

cking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

35

1,091

35

1,091

1,091

1,091

1,091

1,091

1,091

1,091

1,091

natch those provided by the IESO.

Net Verified Annual Peak Demand Savings at the End-User Level (kW)

19

96

60

1,091

2,699 24

6,445

19

96

60

24

1,091

19

96

60

1,091

19

93

60

1,091

51

55

1,091

24

1,091

1,091

2011	2012	2013	2014	2015	2016	2017	2018	6107	0202	2021	2022	2023	2024	2025	2026	2027	8202	6202	2030	2031	2602	2033	2034	2035	9802
18	18	18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	172	172	167	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	68	68	68	63	58	47	47	57	27	4	4	4	4	4	3	0	0	0	0	0	0	0	0	0	0
50	50	50	50	47	44	37	37	43	24	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,341	0	0	0	0	0	0	0
1,093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
536	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
661	661	633	544	544	542	112	111	111	111	102	102	2	2	2	0	0	0	0	0	0	0	0	0	0	0
857	857	857	857	857	857	857	857	789	789	201	201	201	201	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3,498	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	70	70	70	70	70	70	70	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	0	0	0	0	0	0	0	0	0	0	0	0	0
242	242	242	242	242	242	242	242	242	242	242	242	242	242	242	177	177	177	177	177	177	177	177	177	177	177
0	550	550	534	467	467	136	136	136	136	136	127	127	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1,659	1,640	1,597	1,568	1,565	1,418	1,390	1,385	1,330	999	969	969	490	337	337	71	63	63	63	63	0	0	0	0	0
0	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#1
Net Verified Annual Energy Savings at the End-User Level (kWh)

2037	2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	0 0	0	0	21,438	21,438	21,438	10,248	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	1,238,865	1,238,865	1,238,865	1,235,024	845,705	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	1,188,091	1,188,091	1,188,091	1,188,091	1,085,828	974,110	734,417	731,737	945,719	303,473	109,271	96,188	96,188	71,039	71,039	64,547
	0 0	0	0	810,293	810,293	810,293	810,293	745,857	675,463	534,237	530,959	665,790	261,108	85,204	70,665	70,665	65,129	65,129	63,505
	0 0	0	0	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047	3,070,047
	0 0	0	0	2,830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	20,936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	1,693,346	1,693,346	1,614,579	1,362,735	1,362,338	1,358,309	305,906	304,862	304,862	304,862	247,791	247,791	1,557	1,557	1,557	0
	0 0	0	0	4,805,916	4,805,916	4,805,916	4,805,916	4,805,916	4,805,916	4,805,916	4,805,916	4,504,954	4,504,954	1,115,148	1,115,148	1,115,148	1,115,148	0	0
	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	205,346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	402,527	402,527	402,527	402,527	402,527	402,527	402,527	402,527	357,485	357,485	0	0	0	0	0	0
	0 0	0	0	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	17,700,219	-	-	-
	0 0	0	0	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	1,244,589	910,795
	0 0	0	0	0	1,875,038	1,875,038	1,817,432	1,557,887	1,557,887	508,602	508,602	508,460	508,460	508,460	419,507	419,507	0	0	0
	0 0	0	0	0	9,600,471	9,532,535	9,389,579	9,295,397	9,282,626	8,799,102	8,577,353	8,546,488	8,314,197	6,213,056	5,712,948	5,503,478	2,658,264	2,159,451	2,159,451
	0 0	0	0	0	75,529	75,529	75,529	75,529	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	0	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	0
	0 0	0	0	0	33,812	33,812	33,812	33,507	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	0	669,778	669,778	669,778	667,421	389,535	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	0	1,082,743	1,082,743	1,082,743	1,082,743	973,317	791,446	539,847	538,725	538,725	273,631	203,070	196,759	196,759	183,022	183,022
	0 0	0	0	0	56,527	56,527	56,527	56,527	55,678	55,678	26,219	26,074	26,074	26,074	4,235	3,411	3,411	2,931	2,931
	0 0	0	0	0	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136
	0 0	0	0	0	13,650	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0 0	0	0	0	286,839	286,839	286,839	286,839	281,080	281,080	265,687	259,543	71,679	69,194	53,331	53,331	47,225	47,225	18,875
	0 0	0	0	0	155,311	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2027	2028	2029	0502	1502	2032	2033	2034	5602	2036	2037	2038	2039	2040
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
3,070,047	3,070,047	2,755,498	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-	-	-	-	-	-
910,795	910,795	910,795	910,795	910,795	910,795	910,795	910,795	910,795	910,795	0	_	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
212,836	196,882	196,882	196,882	196,882	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
180,519	50,650	50,650	50,650	50,650	0	0	0	0	0	0	_	0	0
2,822	0	0	0	0	0	0	0	0	0	0	0	0	0
1,843,136	1,843,136	1,843,136	1,615,824	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
18,267	18,267	18,267	18,267	18,267	13,293	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend

User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: City of Hamilton

Summary of Project #134184

	Actual los	st revenue base	t revenue based on kW billing				
Billed Month amount (kW)		Gross kW reduction	Net to Gross Ratio	Net kW reduction			
	a	b		b * c			
Pre-Conversion	3,151.17						
Jan-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Feb-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Mar-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Apr-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
May-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Jun-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Jul-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Aug-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Sep-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Oct-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Nov-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Dec-15	1,331.10	-1,820.07	0.77543905	-1411.350251			
Total				-16936.203			
Persistence in	2016			-16936.20301			
Persistence in	2017			-16936.20301			
Persistence in 2018				-16936.20301			
Persistence in	2019			-16936.20301			

Details of Project #1 (Month, Year)

Pre-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	(kW)
	d	e	d * e
No high voltage	0.295	4878	1439.01
No high voltage CO#2	0.31	114	35.34
No high voltage no LOA	0.295	4725	1393.875
No high voltage with LOA	0.47	602	282.94
Total		10,319.00	3,151.17

Fixture type	Billing Wattage (kW) d ₁	Quantity e 1	Billed amount (kW) d ₁ *e ₁
			• •
ERS1-0-H2-E1-5-40-A-GRAY-DLR	0.135	562	75.87
ERS1-0-J2-E1-5-40-A-GRAY-DLR	0.152	277	42.104
ERS2-0-H3-E1-7-40-A-GRAY-DLR	0.189	295	55.755
ERS2-0-K2-D2-5-40-A-GRAY-DLR	0.151	1682	253.982
ERS2-0-Q2-E1-5-40-A-GRAY-DLR	0.234	280	65.52
ERX1-0-G1-E1-5-40-A-GRAY-DR	0.116	7223	837.868

Table 8-b: City of St. Catharine

Summary of Project #143257

	Actual lost revenue based on kW billing							
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction				
	а	b		b * c				
Pre-Conversion	246.57							
Jan-16	106.54	-140.03	0.741321595	-103.8102283				
Feb-16	106.54	-140.03	0.741321595	-103.8102283				
Mar-16	106.54	-140.03	0.741321595	-103.8102283				
Apr-16	106.54	-140.03	0.741321595	-103.8102283				

Details of Project #1 (Month, Year)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
Luminaires - 70 W HPS	0.07	751	52.57
Luminaires - 100 W HPS	0.1	694	69.4
Luminaires - 200W HPS	0.2	405	81
Luminaires - 200 W HPS	0.2	68	13.6

Post-conversion billing demand

Post-conversion billing demand

rost-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d ₁	e 1	d 1 * e 1
ERL10A7A140AGRAYL	0.029	751	21.779
ERL10B7E140GRAYL	0.039	694	27.066
ERL10E3E140AGRAYL	0.091	405	36.855
ERRS10J2C1540AGRAYL	0.152	68	10.336

May-16	106.54	-140.03	0.741321595	-103.8102283
Jun-16	106.54	-140.03	0.741321595	-103.8102283
Jul-16	106.54	-140.03	0.741321595	-103.8102283
Aug-16	106.54	-140.03	0.741321595	-103.8102283
Sep-16	106.54	-140.03	0.741321595	-103.8102283
Oct-16	106.54	-140.03	0.741321595	-103.8102283
Nov-16	106.54	-140.03	0.741321595	-103.8102283
Dec-16	106.54	-140.03	0.741321595	-103.8102283
Total				-1245.72274
Persistence in	2017			-1245.722739
Persistence in 2018				-1245.722739
Persistence in	Persistence in 2019			-1245.722739
Persistence in	2020			-1245.722739

Luminaires - 200 W HPS	0.2	150	30
Total		2,068.00	246.57

ERL10A7A140AGRAYL	0.07	150	10.5
Total		2,068.00	106.54

Table 8-c: City of Hamilton

Summary of Project #156139

	Actual los	t revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b		b * c
Pre-Conversion	474.05			
Feb-18	251.92	-222.13	0.77543905	-172.250602
Mar-18	251.92	-222.13	0.77543905	-172.250602
Apr-18	251.92	-222.13	0.77543905	-172.250602
May-18	251.92	-222.13	0.77543905	-172.250602
Jun-18	251.92	-222.13	0.77543905	-172.250602
Jul-18	251.92	-222.13	0.77543905	-172.250602
Aug-18	251.92	-222.13	0.77543905	-172.250602
Sep-18	251.92	-222.13	0.77543905	-172.250602
Oct-18	251.92	-222.13	0.77543905	-172.250602
Nov-18	251.92	-222.13	0.77543905	-172.250602
Dec-18	251.92	-222.13	0.77543905	-172.250602
Total				-1894.7566
Persistence in	2019			-2067.00723
Persistence in	2020			-2067.00723
Persistence in	2021			-2067.00723
Persistence in	2022			-2067.00723

Details of Project #1 (Month, Year)

Pre-conversion billing dema			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	ď	е	d*e
HPS 30 to 60W	0.07	2140	149.
HPS 30 to 60W	0.1	2716	271
HPS 60 to 120W	0.15	151	22.6
HPS 120 to 200W	0.25	120	3
·			
Total		5,127.00	474.05

Post-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	(kW)
	d ₁	e ₁	d ₁ * e ₁
GE ERL10B7E140A	0.039	2140	83.46
GE ERLOC7E140A	0.051	2716	138.516
GE ERL10E3E140A	0.091	151	13.741
GE ERL10H2E1540	0.135	120	16.2
Total		5,127.00	251.92

Table 8-d: City of Hamilton

Summary of Project #156168

Summar	Summary of Project #156168				
Actual lost revenue based on kW billing					
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction	
	а	b		b * c	
Jan-18	393.60				
Feb-18	246.64	-146.96	0.77543905	-113.9561965	
Mar-18	246.64	-146.96	0.77543905	-113.9561965	
Apr-18	246.64	-146.96	0.77543905	-113.9561965	
May-18	246.64	-146.96	0.77543905	-113.9561965	
Jun-18	246.64	-146.96	0.77543905	-113.9561965	
Jul-18	246.64	-146.96	0.77543905	-113.9561965	
Aug-18	246.64	-146.96	0.77543905	-113.9561965	
Sep-18	246.64	-146.96	0.77543905	-113.9561965	

Details of Project #1 (Month, Year)

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
HPS 30 to 60W	0.1	3561	356.1
HPS 60 to 120W	0.15	165	24.75
HPS 120 to 200W	0.25	51	12.75

Post-conversion billing demand			
	Billing		Billed
Fixture type	Wattage (kW)	Quantity	amount (kW)
	d ₁	e 1	d 1 * e 1
GE ERLOC7E140A	0.051	3561	181.611
GE ERL10E3E140A	0.091	277	25.207
GE ERL10H2E1540	0.135	295	39.825

Oct-18	246.64	-146.96	0.77543905	-113.9561965
Nov-18	246.64	-146.96	0.77543905	-113.9561965
Dec-18	246.64	-146.96	0.77543905	-113.9561965
Total				-1253.51816
Persistence in	n 2019			-1367.474358
Persistence in 2020				-1367.474358
Persistence in 2021				-1367.474358
Persistence in	1 2022			-1367.474358

-3434.48159

Total	3,777.00	393.60

Total	4,133.00	246.64

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 36

ATTACHMENT 36 LRAMVA WORKFORM BRAMPTON RZ



LRAMVA Work Form: Summary Tab

Version 5.0 (20)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

LDC Name

Alectra - Hydro One Brampton

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

Δ	Provious	I RAMVA	Application

Previous LRAMVA Application (EB#) EB.2019-0018
Application of Previous LRAMVA Claim
2020 RRM Application
Period of LRAMVA Claimed in Previous Application
2017
Amount of LRAMVA Claimed in Previous Application
\$ 1.216,189.54

B. Current LRAMVA Application

Current LRAMVA Application (EB#)

Application of Current LRAMVA Claim
Period of New LRAMVA in this Application
Period of Rate Recovery (# years)

EB-2020-0002 2021 IRM Application 2018

Actual Lost Revenues (5) A \$ 1,806,388
Forecast Lost Revenues (5) B \$ 391,612
Carrying Charges (5) C \$ 64,216
LARAMAV (6) for Account 1568 A-B+C \$ 1,478,992

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAM/N total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAM/N claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$328,640	\$14,917	\$343,557
GS<50 kWh	kWh	\$414,223	\$18,801	\$433,024
General Service 50 to 699 kW	kW	\$273,385	\$12,409	\$285,794
Seneral Service 700 to 4,999 kW	kW	\$133,549	\$6,062	\$139,611
arge Use	kW	\$49,763	\$2,259	\$52,021
Street Lighting	kW	\$215,216	\$9,769	\$224,985
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$1,414,776	\$64.216	\$1,478,992

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column, Cof Table 1-b below, please neart a "best, mark to indicate he years in which I RAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any IRAMVA from priory part that has already been claimed and post included in the current IRAMVA disposition, with the acception of the case notice below.

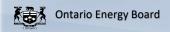
If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting									Total
		kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
2011 Actuals 2011 Forecast	l≥	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared		****		****		****		***	***	****	***	***		***	****	***
2012 Actuals	IP.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								L								
2013 Actuals	Iz	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								L						L		
2014 Actuals	D.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals	I×	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals	D.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals	I.e.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals	1	\$394,816.28	\$438,561.14	\$457,651.22	\$250,380.57	\$49,762.77	\$215,216.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,806,388.18
2018 Forecast		(\$66,175.83)	(\$24,338.57)	(\$184,266.27)	(\$116,831.12)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$391,611.79)
Amount Cleared																

2019 Actuals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared															
Carrying Charges	\$14,916.85	\$18,801.39	\$12,408.83	\$6,061.75	\$2,258.71	\$9,768.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,216.11
Total LRAMVA Balance	\$343,557	\$433,024	\$285,794	\$139,611	\$52,021	\$224,985	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,478,992

Note: LDC to make note of assumptions included above, if any



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grev)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Table 5-d. 2018 Lost Revenue	Alectra relied on the Participation and Cost Report (P/C) and true up any savings	There are additional CDM savings after the Participation and Cost report was published in April 2019 re
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.		•		



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legend

User Inputs (Green) Drop Down List (Blue) Auto Populated Cells (White) Instructions (Grey)

Table 2-a. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting								
		kWh	kWh	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	53,726,379	12,486,005	1,448,724	23,836,892	15,954,758										
kW	99,768			64,526	35,242										
												•			
Summary		12486004.89	1448724.307	64525.78165	35242.11041	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold

EB-2014-0083, 2015 Cost of Service Settlement Agreement, p. 48 of 49

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting								
		kWh	kWh	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold EB-2014-0083

Table 2-c. inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabl

Year	LRAMVA Threshold	Residential	GS<50 kWh	General Service 50 to 699 kW	o General Service 700 to 4,999 kW	Large Use	Street Lighting								
		kWh	kWh	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	2015	12,486,005	1,448,724	64,526	35,242	0	0	0	0	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)	İ							0	0	4			
Period 2 (# months)	İ	12	12	12	12	12	12	12	12	8	12	12	12
Residential									\$ 0.0080	\$ 0.0040			
Rate rider for tax sharing	1								φ 0.0000	φ 0.0040			
Rate rider for foregone revenue	kWh												
Other	†												
Adjusted rate	†	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$ 0.0080	\$ 0.0040	\$ -	\$ -	
Calendar year equivalent	•		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0080			\$ -	•
GS<50 kWh									\$ 0.0167	\$ 0.0169			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0167	\$ 0.0169		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0167	\$ 0.0168	\$ -	\$ -	
General Service 50 to 699 kW									\$ 2.8387	\$ 2.8642			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate		\$ -	\$ -		\$ -	\$ -	\$ -		\$ 2.8387			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.8387	\$ 2.8557	\$ -	\$ -	
General Service 700 to 4,999 kW									\$ 3.2953	\$ 3.3250			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.2953	\$ 3.3250		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.2953	\$ 3.3151	\$ -	\$ -	
Large Use									\$ 2.4949	\$ 2.5174			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.4949			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.4949	\$ 2.5099	\$ -	\$ -	
Street Lighting									\$ 11.5388	\$ 11.6426			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate Calendar year equivalent		\$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ -	\$ -	\$ - \$ -	\$ 11.5388 \$ 11.5388			\$ -	
0													
Rate rider for tax sharing]												
Rate rider for foregone revenue	0												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0													
Rate rider for tax sharing	0												
Rate rider for foregone revenue	l "												
Other	1	_	•	•					•	•		•	
Adjusted rate		\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ - \$ -	\$ -	l
Calendar year equivalent							s -					s -	

-			_										_				_		_				
0													<u> </u>										
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	•	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate	Ī	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent	•	,	\$	-	\$			-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing	†																						
Rate rider for foregone revenue	0																						
Other	Ť						1		1								-						
Adjusted rate	-	s -	\$	-	\$	-	e	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent	ļ		\$	-:	\$			-:-	S		\$				S				\$	-:	\$		ļ
Calendar year equivalent			•	-	•	-	ð	-	Þ	-	ð	-	•	•	ð	-	•	•	Þ	-	ð	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other	i i																						
Adjusted rate	Ť	S -	\$	-	\$	-	\$	-	\$		\$		\$	-	\$		\$	-	\$	-	\$	-	
Calendar year equivalent	1	1 -	\$	-	\$	-			\$	-	\$		\$	-	\$	-		-		-	\$	-	1
- 1																							
0																							
Rate rider for tax sharing	1																						
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
1																							

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting								
	kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0080	\$0.0167	\$2.8387	\$3.2953	\$2.4949	\$11.5388	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0053	\$0.0168	\$2.8557	\$3.3151	\$2.5099	\$11.6080	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			·					·	·		•			

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



LRAMVA Work Form: Determination of Rate Class Allocations

Version 5.0 (2021)

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

The IESO performs evaluations for all of its programs, which includes examining gross energy savings from the programs and the net-to-gross ratio ("NTGR"). From these evaluations the IESO calculates net energy savings by initiative within a program group (residential, business, industrial and low income). Peak load savings are also calculated, and reported by initiative within a program group. For initiatives implemented under the Residential and Low Income Programs, 100% of CDM savings were attributed to the Residential Rate Class. For initiatives implemented under the Commercial and Industrial programs that apply to more than one rate class, the savings were estimated by rate class, based on participant-specific information, where available.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the CEB's updated LRAM policy related to peak demand savings in EB 2016-0182. Demand Response (DRI) savings should generally not be included with the LRAMA calculation, unless superiored privationed. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If an offerent monthly multiplier is used, places inclusionable in 2014 as a solitophylic the normalization than to been used.

4. IDC are requested to input the applicable rate class allocation percentages to allocate actual avivings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustment. If a different allocation is proposed for savings adjustments, LIDC and provides support principles.

6. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAM/A bitals for the year) if future year's persistence of savings is already captured in the load forecast calculation in the "Notes" section below each table.

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form																																				
		Net Energy Savings (kWh)			No	et Energy S	Savings Persis	stence (kWI	h)				Net Demand Savings (kW)			Net Pea	k Demand Sa	avings Persist	ence (kW)									Rate Al	locations for LR	AMVA						
Program	Results Status	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Monthly Multiplier	2011	2012	2013	2014	2015	2016 201	2018	2019	2020	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW		Street Lighting									Total
Consumer Program																						kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2011		0											0									0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011																						0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011																						\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2015 2011 Savings Persisting in 2016 2011 Savings Persisting in 2016 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018 2011 Savings Persisting in 2019 2011 Savings Persisting in 2019 2011 Savings Persisting in 2020																						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form	n	Return to top																																		
		Net Energy Savings (kWh)			No	t Energy Sav	rings Persist	tence (kWh)					Net Demand Savings (kW)			Net Peak	Demand Savi	igs Persisten	ice (kW)									Rate All	ocations for LR	AMVA						
Program	Results Status	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Monthly Multiplier	2012	2013	2014	2015	2016 201	7 2018	2019	2020	2021		GS<50 KWN	50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting									Total
Consumer Program																						kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2012		0											0									0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2012																						0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012																						\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015 2012 Savings Persisting in 2016																						0 0	0	0	0	0 0 0	0	0	0	0	0 0 0	0	0	0	0	

Table 4-c. 2013 Lost Revenues Work For	n	Return to too																																				
		Net Energy Savings (kWh)			Net E	Energy Saving	s Persistence	e (kWh)					Net Demai Savings (k			N	at Peak De	mand Sa	avings Persi	stence (kW										Rate A	llocations for LF	tamva						
Program	Results Status	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Monthly Multiplier	2013	20	14 20	15 20	16 20	17	2018 20	19 202	0 202	2022		tial GS<50 k	Wh Ge	eneral Service 50 to 699 kW	700 to 4,555 kW	Large Use	Street Lighting									Total
Consumer Program																							kWh	kWh		kW	kW	kW	kW	0								
Actual CDM Savings in 2013		51,713,173	52,834,250		52,259,107	50,662,205 50	0,193,461 50	,193,461 5	0,015,602 49	,194,308 4	8,967,853	246	12,279	8,1			058 7,5			195 7,4				67 4,926,6	10	39,439	17,350	6,004		0	0	- 0		- 0	- 0	- 0		
Forecast CDM Savings in 2013			30,684,265	30,683,724	30,683,724	30,762,428 3	3,654,339 33	,654,309	0,632,646 30	0,570,438 30	0,415,378		3,921	3,1	919 3,5	19 3,5	3,1	17 3	3,913 3,9	3,9	13 3,90	3,876				0	0	0				0						
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013																							\$0.000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.0 0		\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
Forecast Lost Revenues in 2013 LRAMVA in 2013																							\$0.00	\$0.00	•	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015																							2,307,2 2,269,6	63 4,968,2		40,846 40,843	17,820 17,819	6,033 6,033	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2016																							2,137,2	82 4,655,0	156	40,719	17,792	6,017	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2017																							2,134,5			39,676	17,541	5,904	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2018																							1,959,6			39,272	17,402	5,900	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2019																							1,959,6			39,272	17,402	5,900	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2020																							1,959,0	44 3,519,0	146	39,226	17,386	5,899	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form		Neturn to Top																																			
	Results	Net Energy Savings (kWh)			Net	Energy Sav	ings Persist	ence (kWh				Mon		Demand ngs (kW)			let Peak I	Demand Savi	ngs Persister	nce (kW)									Rate Allo	cations for LRAI	MVA						
Program	Status	2014	2015	2016	2017	2018	2019	2020	2021	202	2 2023	Mon	plier	2014	2015	2016 2	17 :	2018 201	9 2020	2021	2022	2023	Residential	GS<50 kWh	General Servic 50 to 699 kW	General Servi 700 to 4,999 k	Large Use	Street Lighting									Total
Consumer Program																							kWh	kWh	kW	kW	KW	kW	0	0	0	0	0	0	0	0	
Appliance Retirement Adjustment to 2014 savings	Verified True-up	125,609	125,609	125,609	124,773	71,143	0	0	0	0	0	2.	3	19	19	19	18	10 0	0	0	0	0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Appliance Exchange	Verified	29,555	29,555	29,555	29,555	0	0	0	0	0	0			17	17	17	17	0 0	0	0	0	0	100%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
HVAC Incentives	Verified	1.657.748	1.657.748	1.657.748	1.657.748	1.657.748	1.657.748	1.657.74	1.657.7	8 1.657.	748 1.657.3	748		912	912	912	112	912 91	2 912	912	912	912	100%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation Instant Coupon Booklet	Verified	802.995	747.486	720.691	720.691	720.691	720.691	720.691	719.30	8 719.3	06 616.0	24		60	56	55	55	55 5	5 55	55	55	48	100%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Bi-Annual Retailer Event	Verified	3.463.427	3.004.486	2.765.312	2.765.312	2.765.312	2.765.312	2.765.31	2 2.764.1	4 2.764.	114 2.570.3	779		227	198	183	83	183 18	3 183	183	183	171	100%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Retailer Co-op	Verified	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0 0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0			1,256	0	0	0	0 0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0 0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%									100%

Adjustment to 2014 savings	True-up		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential New Construction Adjustment to 2014 savings	Verified True-up	66,763 66,	100.00% 100.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Program 10 Retrofit Adjustment to 2014 savings	Verified True-up	18,550,020 18,550,020 18,550,020 18,500,020 18,402,030 18,402,030 18,402,030 18,388,027 17,565,020 15,565,020 15,565,020 15,274,714 12 2,336 2,336 2,336 2,234 2,204 2,200 2,185 2,185 1,943 1,500	0.00%	14%	57%	9%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%
11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	1,836,502 1,818,089 1,729,494 1,196,543 1,196,	0.00%	100%	0.00% 0.00%	8.78% 0.00% 0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0%	0.00%		0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13 New Construction Adjustment to 2014 savings	Verified True-up	481,103 481,10	0.00%	6.00%	94.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	100%
14 Energy Audit Adjustment to 2014 savings	Verified True-up	652,736 652,736 652,736 652,736 0 0 0 0 0 0 12 134 134 134 134 0 0 0 0 0 0	0.00%	23.08% 23.08%	77% 76.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
15 Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up	0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Small Commercial Demand Response (IHD)	Verified	0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%		0.00%								0%
Adjustment to 2014 savinos 17 Demand Response 3 Adjustment to 2014 savinos	True-up Verified True-up	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial Program Process & System Updrades	Verified		0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2014 savings	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 Monitorino & Tarcetino Adjustment to 2014 savings 20 Energy Manager	True-up Verified	142,417 3,313 3,51	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2014 savings	True-up	10 10 10 10 10 10 10 10 10 10 10 10 10 1	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
21 Retrofit Adjustment to 2014 savings 22 Demand Response 3	True-up Verified	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%	14.11%	56.62%	8.78%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2014 savings Home Assistance Program	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
23 Home Assistance Program Adjustment to 2014 savings	Verified True-up	285,840 285,568 240,087 221,849 223,088 223,089 221,248 204,466 110,505 110,505 0	100% 100.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aboriginal Program Home Assistance Program Adjustment to 2014 savings	Verified True-up	23 23 21 21 20 20 20 15 15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25 Direct Install Lighting Adjustment to 2014 savings	Verified True-up		0.00%	100.00% 100.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified True-up	0 0 0 0 0 0 0 0 12 0 0 0 0 0 0 0	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 High Performance New Construction Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Toronto Comprehensive Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LDC Custom Programs Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other 31 Program Enabled Savings Adjustment to 2014 savings	Verified True-up	2390.503 2390.503 2390.503 2390.503 2390.503 2390.503 1745.147 1745	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
32 Time of Use Savings Adjustment to 2014 savings	Verified True-up	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33 LDC Pilots Adjustment to 2014 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2014 Forecast CDM Savings in 2014		13,549	6,412,876	4,633,262 0	18,732	2,461	4,964	0	0	0	0	0	0	0	0	0
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs			\$0.00000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00000	\$0.00000 \$0.00	\$0.00000	\$0.00000	\$0.00000	\$0.00000 \$0.00 \$0.00
Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs			\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015			5,897,284	4,614,829	18,732	2,461	4,482	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018			5,605,704 5,596,631 5,504,633	4,526,254 3,972,304 3,821,653	18,732 18,443 17,209	2,461 2,416 2,416	4,482 4,480 4,480	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2019 2014 Savings Persisting in 2020			5,433,490 5,431,702	3,819,798 3,706,506	17,183 16,472	2,412 2,302	3,327 3,321	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included at



LRAMVA Work Form:

2015 - 2020 Lost Revenues Work Form

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

1. LDCs can apply for disposition of LPAMMA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LPAMMA work forms apply to LDCs that need to recover lost revenues from the 2015-2000 period. Please input or manually left be savings, adjustments and program savings presistence data in these basics of any to 41 grant of the savings, adjustments and program savings presistence data in these basics of the 14 grant of the savings adjustment of the saving

2. Please enters that the IESO verified savings adjustments apply back to the program year if related to. For example, assirings adjustments related to 2016 programs that were reported by the IESO in 2017 about the included in the 2016 program savings table. In order for presisting of the program savings table. In order for presisting of the program savings table. In order for presisting of the program savings table. In order for presisting of the program savings table. In order for presisting of the program savings table in the program savings table in the program saving saving table in the program savings table in the program savings table in the program savings table in the program savings in the 2016 program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings table in the total program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings table in the total program savings in ESD of IESD. Demonst Response (IESD) askings to past given and program savings table in the IESD of IESD. Demonst Response (IESD) askings the past given the program savings table in the IESD of IESD

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. II a different allo for savings adjustments. LDCs must provide supporting nationals in Tab 1-a and highlight the change.

Table 5-a. 2015 Lost Revenues Work Form		Net Energy Savings (kWh)			Net	Energy Saving	gs Persistenc	ce (kWh)					Net Deman Savings (kV	d	N	let Peak Demar	d Savings Persi	stence (kW)								Rat	e Allocations for	LRAMVA						
Program	Results Status	2015	2016	2017	2018	2019	2020	2021	2622	2023	2024	Monthly Multiplier	2015	2016	2017 2	018 2019	2020 203	2022 25	13 2024	Residential	G8<50 kWh	General Service 50 to 1 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting									Total
Legacy Framework Residential Program 1 Coupon Initiative	Verified	1,538,773	4 225 204	4.775.704	1,775,764 1,	775 704	775 704	. 225 204	4.775.044	4.775.044	1 775 044		400	445	445	445	445	5 115 1		kWh 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	0	0	0	0	0	0	0	0	100%
Adjustment to 2015 savings 2 BLAnnual Retailer Event Initiative	True-up Verified			2.744.480						2.742.988 2			187	186				6 185 1		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings	True-up Verified	24.242	34,312	24 212	24 242	10 000	0	0	2,742,800	2,742,800	0		6	100	6	6 2	00 10	0		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings 4 HVAC Incentives Initiative	True-up Verified	0		2 697 940	2,697,940 2,	697 940 2	697 940 2	2 697 940	2 697 940	2697940	2 897 940		0	1445	1445 1	445 1445	1445 14	45 1,445 1,		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings 5 Residential New Construction and Major	True-up Verified				2,852,945 2,								365					18 428 4		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings Commercial & Institutional Program	True-up																			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6 Enerov Audit Initiative Adjustment to 2015 savings	Verified True-up	802,189	934,003	934,003	934,003 9	934,004 9	934,004	934,004	934,004	934,004	934,004	12 12	171	199	199	199 201	201 20	11 201 2	1 201	0.00%	0.00%	72.73% 72.73%	27.27% 27.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2015 savings	Verified True-up	18,648,972	19,650,932	19,604,082	19,599,493 19	0,599,493 19	0,597,842 11	18,592,556	18,592,556	18,052,325 1	4,657,209	12	2,674	2,793 53		,777 2,777 52	2,777 2,6	23 2,623 2,	88 1,973	0.00%	15.32% 15.32%	54.99% 54.99%	23.03%	0.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	94%
B Direct Install Lighting and Water Heating Initiative	Verified	1,497,164	1,376,361	935,568	920,965 9	920,965 9	920,965	920,965	920,965	920,965	920,965	12	339	315	205 :	201 201	201 20	11 201 2	1 201	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings New Construction and Major Renovation	True-up Verified	699.864	-537,431 1,246,874	1.246.874	-359,612 1.248.874 1.	246.874 1.	.246.874 1	1.246.874	1.246.874	1.233.131	1,233,131	12	105	-139 300	300	300 300	300 30	10 300 2	6 296	0.00%	100.00% 77.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	111%
Enitiative Adjustment to 2015 savings	True-up	030,004	1,240,014	1,240,014	1,240,014	240,014	,240,074	1,240,014	1,240,014	1,233,131	1,233,131	12	103	300	300	340	330 3	300 2	230	0.00%	77.28%	33.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1112
<u>10</u> Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings	Verified True-up											3	0	0	0	0 0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades initiatives - Proiect incentive initiative	Verified											12	0	0	0	0 0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings Process and Systems Upgrades Initiatives -	True-up							_				12							=	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Monitoring and Targeting Initiative Adjustment to 2015 savings	Verified True-up											12	0	0	0	0 0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Enerov Manager Initiative Adjustment to 2015 savings	Verified True-up	59,246	59,246	59,246	59,246	59,246	59,246	59,246	59,246	59,246	59,246	12	17	17	17	17 17	17 1	7 17 :	7 17	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Low Income Program 14 Low Income Initiative Adjustment to 2015 savings	Verified True-up	212,140	166,694	159,948	153,202 1	152,285 1	152,285	150,088	149,688	79,287	79,071	12 12	18	16	16	15 15	15 1	5 15	1 11	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Other 15 Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up										-	0	0	0	0	0 0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2015 savings	Verified True-up											0	0	0	0	0 0	0 (0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17. Conservation Fund Pilot - EnerNOC	Verified											12	0	0	0	0 0	0 0	0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings 18 Lobiaws Pilot Adjustment to 2015 savings	True-up Verified											12	0	0	0	0 0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings 19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	True-up Verified True-up	2,295,877						=			=	12	262	0	0	0 0	0 0	0	0	0.00%	0.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
20 Social Benchmarking Pliot Adjustment to 2015 savings	Verified True-up									=		12 12 12	0	0	0	0 0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs	The sap			-								14		-																				
21 Save on Energy Coupon Programs Adjustment to 2015 savings	Verified True-up												0	0	0	0 0	0 0	0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program Adjustment to 2015 savings	Verified True-up												0	0	0	0 0	0 0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program	Verified												0	0	0	0 0	0 0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings 24 Save on Energy Home Assistance Program	True-up Verified										_		0	0	0	0 0	0 0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings	True-up																			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up	0	155,867	155,667	155,667 1	155,667 1	155,667	155,667	155,667	155,667	155,667	12 12	0	33	33	33 33	33 3	3 33 1	3 33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up		2,504,177 27,068		2,504,177 2, 27,068	.504,177 2,	,504,177 2	2,448,485	2,448,485	2,415,846	2,235,263	12 12	103	318 9		318 318 9	318 30	15 305 2	6 253	0.00%	15.32% 15.32%	54.99% 54.99%	23.03% 23.03%	0.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	94%

,	True-up							0 0	0	12	0	0 0	0 0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
	/erified	0 238,180	238,180	238,180	238,180	238,180	238,180	238,180 238,180	238,180	12	0	50 50	50 50	50 5	i0 50 50 50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up	0 236,180	236,180	238,180	236,180	238,180	230, 180	236,160 236,160	236,160	12		30 50	90 90	30 5	0 50 50 50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commissioning Program	/erified Frue-up									3	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Upgrades Program	/erified									12	0	0 0	0 0	0 (0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
,	rue-up /erified					_	-			12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	Ггие-ир									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 savings	/erified frue-up									12 12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs Strategy Business Refriceration Local Program Adjustment to 2015 savings	/erified Frue-up									0	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2015 savings	/erified Frue-up									0	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	/erified Frue-up									0	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc	Г												0 0																	
Program - Conservation Fund	/erified Frue-up									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Plot	/erified									12	0	0 0	0 0	0 (0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	/erified frue-up									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	/erified									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings	True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	/erified Frue-up									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	/erified									12	0	0 0	0 0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings Hydro Ottawa Limited - Residential Demand	Frue-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Response Wi-Fi Thermostat Pilot	/erified										0	0 0	0 0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	/erified									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings Niagara-on-the-Lake Hydro Inc Direct Install	True-up					_	=			12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44 Energy Efficiency Measures for the Acricultural Sector	/erified									12	0	0 0	0 0	0 (0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install - Hydronic	/erified						i			12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
	Frue-up /erified									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install - RTU Controls Adjustment to 2015 savings	True-up									12		0 0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Direct Install - Hydronic (Pilot Savings)	/erified Frue-up									12 12	0	0 0	0 0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	/erified									12	0	0 0	0 0	0 0	0 0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
	Frue-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Large (Pilot Savings) Adjustment to 2015 savings	/erified Frue-up									12 12	0	0 0	0 0	0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		30,830,927 36,159,349 33,457,940 -278,226	35,943,186 0	35,816,234 0	35,898,706	35,880,369	34,817,194	34,814,879 34,157,869	5 30,581,950		4,346 5,754	6,142 6,095 78 0	6,150 6,088 0 0	6,086 5,9	919 5,918 5,766 5,208 0 0 0 0	6,326,094	7,267,886 0	20,244	8,233 0	351 0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2015 from 2011 programs Locil Revenue in 2015 from 2012 programs Locil Revenue in 2015 from 2012 programs in 2015 from 2014 programs Locil Revenue in 2015 from 2014 programs Locil Revenue in 2015 from 2015 programs Total Locil Revenues in 2015 from 2015 Forecast Locil Revenues in 2015 LRAMVA in 2015																\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020 Note: LIDC to make note of key assumptions included ab	and the same of th															10,272,135 10,265,389 10,258,643 10,240,100 10,223,414	5,236,544 5,286,292 4,950,994 5,270,986 5,270,733	23,886 23,383 23,779 23,394 23,394	9,417 9,206 9,372 9,210 9,210	372 368 371 368 368	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	

Table 5-b. 2016 Lost Revenues Work Form		Return to top																																	
		Net Energy Savings (kWh)				Net Energy Sa	avings Persist	tence (kWh)					Net Demand Savings (kW)			Net Peak Demar	d Savings Pen	sistence (k	kW)								Ra	te Allocations for	LRAMVA						
Program	Results Status	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Monthly Multiplier	2016	2017	2018	2019 2020	2021 2	1022 21	023 2024	2025	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting									Total
Legacy Framework Residential Program																				=	kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
1 Coupon Initiative Adjustment to 2016 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Acollance Retirement Initiative Adjustment to 2016 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2016 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
5 Residential New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program							•																												
Enerov Audit Initiative Adjustment to 2016 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2016 savings	Verified True-up											12									0.00%	0.00%											0.00%	0.00%	0%
												12				_				_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Direct Install Lighting and Water Heating Initiative Adjustment to 2016 savings	Verified True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation	Verified											12																							0%
Adjustment to 2016 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

10 Existing Building Commissioning Incentive	Verified		ı														_														
Adjustment to 2016 savings	True-up										3						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Process Process and Systems Upgrades Initiatives - Process Proce	Verified True-up										12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified										12																				0%
Adjustment to 2016 savings	True-up					_					12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades initiatives - Eneroy Manacer Initiative Adjustment to 2016 savings	Verified True-up										12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Low Income Initiative Adjustment to 2016 savings	Verified True-up										12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Aboriginal Conservation Program Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots Home Depot Home Appliance Market Uplift Cc Adjustment to 2016 savings	Verified True-up	2,718	2,718	2,718	2,718	2,718	2,718	2,718 2	718 2,	718 2,718	0						100.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
18 Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarkino Pilot Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings	Verified True-up	11,310,504 1,700,725	11,310,504	11,310,504	11,310,504 11	310,504 11	1,310,504	11,310,504 11,3	08,835 11,36	08,835 11,260,67	6	735 108	735 735 108	735 73	735 7	35 734 734	731 100.00 100.00	No. 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling	Verified	2,964,935	2,964,936	2,954,935				2,954,935 2,95		•		901	901 901	901 90	901 9	01 901 901	901 100.00	6													100%
Program Adjustment to 2016 savings Save on Energy New Construction Program	True-up Verified	27,425 526.284	526 284	27,425 526,284	526.284	26.284	526.284	526.284 52	3.284 000	3,284 526,284] 	8 84	84 04	84 .	84 4	34 84 84	100.00	S 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings	True-up	-72,016	320,204	-72,016	,204				520	340,269	1	-12	-12				100.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Save on Energy Home Assistance Program Adjustment to 2016 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2016 savings	Verified True-up	65,713 13 143	65,713	65,713 13 143	65,713	35,713	65,713	65,713 65	713 65	713 65,713	12	9 2	9 9	9 9	9	9 9 9	9 0.00%	0.00%	60.00%	40.00% 40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2016 savings		20,646,284 1,801,531								-		2,862				740 2,740 2,695				32.11% 32.11%	7.84% 7.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 Save on Energy Small Business Lighting	Verified	114,712	114,712		114,712				219 52			23	23 23		20 1	19 17 13	8 0.009		0.00%	0.00%	0.00%										100%
Program Adjustment to 2016 savings Save on Energy High Performance New	True-up Verified	2,691 4,477,229	4 477 000	2,691	4.477.000 4	477 000 4	4 477 000	4.477.000 4.47	7.000	7,229 4,477,22	12	926	926 926	926 92		00 000 000	926 0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Save on Energy High Performance New Construction Program Adjustment to 2016 savings	True-up	4,411,229	4,411,229	4,477,229	4,417,229 4,	477,229 4	4,411,229	4,411,229 4,41	1,229 4,47	1,229 4,411,22	12	920	926 926	920 92	926 9	26 926 926	0.00%		0.00%	99.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Existing Building Commissioning Program Adjustment to 2016 savings	Verified True-up										3						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Uncrades Procram Adjustment to 2016 savings	Verified True-up										12						0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings	Verified										12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2016 savings Save on Energy Energy Manager Program	True-up Verified										12						0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 savings	True-up	377,580									12	44					0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refriceration Local Program Adjustment to 2016 savings	Verified True-up										0						0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc																															
96 Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2016 savings	Verified True-up										0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings 8 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2016 savings	True-up Verified True-up				=						0						0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2016 savings	Verified										0						0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%	0.00%				0%
	True-up Verified										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2016 savings Hydro Ottawa Limited - Conservation Voltage	True-up					4					0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2016 savings	Verified True-up										0						0,009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																														0%
Adjustment to 2016 savings Kitchener-Wilmot Hydro Inc Pilot - DCKV	True-up										_						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 savings	Verified True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Acricultural Sector	Verified										0																				0%
Acricultural Sector Adjustment to 2016 savings 45 Oakville Hydro Electricity Distribution Inc	True-up Verified						=				0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2016 savings	True-up										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	U%
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2016 savings	Verified True-up				$-\mathbb{T}$			$-\mathbb{H}$			0		HE		$+$ \mp		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
42 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savinos) Adjustment to 2016 savings	Verified										0						0.009	0.00%								0.00%	0.00%	0.00%	0.00%		0%
Adjustment to 2016 savings 48 Truckload Event Pilot Program Adjustment to 2016 savings	True-up Verified True-up	1,215,835	1,215,835	1,215,835	1,215,835 1,	215,835 1	1,215,835	1,215,835 1,2	5,835 1,21	15,835 1,215,83	0	76	76 76	76 71	76 7	76 76 76		6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%					0.00%	100%
Adjustment to 2016 savings	True-up			-									-			\perp	100.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

49	Solar Powered Attic Ventilation Pilot Program	Verified	178,029	178,029	178,029	178,029	178,029	178,029	178,029	178,029	178,029	178,029	0	199	199	199	199 19	9 199	199	199	99 199	100.00%														100%
	Adjustment to 2016 savings	True-up											0									100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
H	Actual CDM Savinos in 2016		45.343.322	40.994.310	44 424 360	40 994 310	40 981 068	40 189 945	40 185 889	40 175 251	39 666 989	39 601 615	372	6.234	5.731	6.098	5,731 5,77	29 5 690	5.689	5.686 5	637 5.629	17.844.439	2.861,414	18.078	23,177	2.943	0								0	
	Forecast CDM Savings in 2016		10,010,000	,,		30,000,000	,,	,,	,,	10,110,000	,,			-,		-,	.,		-,	-,		0	0	0	0	0	0		0	0		0			0	
	Distribution Rate in 2016 Loss Revenue in 2016 from 2011 programs Loss Revenue in 2016 from 2012 programs Loss Revenue in 2016 from 2012 programs Loss Revenue in 2016 from 2014 programs Loss Revenue in 2016 from 2015 programs Loss Revenue in 2016 from 2015 programs Loss Revenue in 2016 from 2015 programs Loss Revenue in 2016 from 2015 programs Total Loss Revenues in 2016 Ferenats Loss Revenues in 2016 REAMAN Ain 2016																					\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
	2016 Savings Pensisting in 2017 2016 Savings Pensisting in 2018 2016 Savings Pensisting in 2019 2016 Savings Pensisting in 2020																					16,188,305 17,844,439 16,188,305 16,188,305	2,579,613 2,795,701 2,579,613 2,566,371	16,039 17,549 16,039 16,039	21,811 22,823 21,811 21,811	2,612 2,857 2,612 2,612	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	
	Note: LDC to make note of key assumptions include	id above																																		

March Marc	Note: LDC to make note of key assumptions includ	ed above		0,100,000	2,300,371	21,011	2,012									
Martine	Table 5-c. 2017 Lost Revenues Work Form		Not Demand						04	Manufact for I	0448/4					
The second content of the second content o	Program	Results Status	Monthly Monthly		Ger	eral General			Rate A	diocations for L	RAMVA					
Company			2017 2018 2019 2020 2021 2022 2023 2024 2025 2028 · 2017 2018 2019 2020 2021 2022 2023 2024 2025 2020 Ru	esidential	GS<50 kWh Service	s 50 to Service 700 to kW 4,999 kW	Large Use	Street Lighting								Т
Part	Residential Program 1 Coupon Initiative	Verified		xovh	KWh K	w kw	ĸw	KW	0	0	0		0	0	0	0
Companies Comp																
March Marc				0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
The second sec	Adjustment to 2017 savings	True-up		0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Section of the content of the cont		Verified True-up		0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Campara Camp				0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Martin M	Commercial & Institutional Program § Enerov Audit Initiative Adjustment to 2017 savings	Verified True-up	2	0.00%	0.00% 0.00	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mary Control Property Proper	Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings			0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Mary Control Property Proper	Birect Install Lighting and Water Heating Initiative Adjustment to 2017 savings			0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Contine Cont		Verified														
Control Cont	Existing Building Commissioning Incentive	Verified		0.00%						0.00%	0.00%	0.00%	0.00%			
Control Cont	Adjustment to 2017 savings Industrial Program			0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Control Cont	Adjustment to 2017 savings			0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Column C	Monitoring and Targeting Initiative															
March Marc		Verified									0.00%					(
March Marc	Low Income Program			0.00%	0.00% 0.00%	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Age Control langer	Other	True-up	2	0.00%	0.00% 0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Comment of Info Comment of I				0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Application Company	Consequation Fund Bilate	True-up		0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Appendix Department Part Appendix Part App			12 12	0.00%	0.00% 0.00	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Against 207 asing Track		True-up		0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Contact Cont	Adjustment to 2017 savings	Verified True-up	2 2	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Part Part		Verified True-up	12	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Part Control Part		Verified True-up	2278/79 %342600 2298 1.802 2398 1.802	100.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Second Energy Mer Contraction Program Marginer 1st 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contraction Program Againsted 2017 aswings Second Energy Mer Contract		Verified	2.512.889 2.512.889 757 757													10
Against 2017 average Fig. 40 2018 2018 2018 2018 2018 2018 2018 201				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00 %	0.00%	0.00%	0.00%	
Againstes 2017 servings Fig. 10	Adjustment to 2017 savings			100.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
See on Energy Harder Program See on Energy Harder Program Verlage Management 2017 along Mana	Adjustment to 2017 savings		186,679 186,679 39 39 39	100.00%	0.00% 0.00	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
See on Energy Found Business Lighting Vertical Againster 2017 servings Vertical Vert	Save on Energy Audit Funding Program Adjustment to 2017 savings			0.00%					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
See or Energy High Performance New Confusion Review Confu	Save on Energy Retrofit Program Adjustment to 2017 savings	Verified True-up	16,874,455 16,872,465 12 3,945 3,945 8,887,271 12 12 3,945 12 12 12 12 12 12 12 12 12 12 12 12 12		17.00% 57. 17.00% 57.	99% 26.96% 99% 26.96%	0.57% 0.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
See or Energy High Performance New Confusion Review Confu	Save on Energy Small Business Lighting Program Adjustment to 2017 savings			0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
See on Energy Energy Bulling Commissioner Program Adjustment Soft Tenergy Verfal Usosake Program Navey Nave Program Nav			618,055 618,055 12 190 190 190 142,100 142,100 122 122 123 124,100 125 125 125 125 125 125 125 125 125 125	0.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Process & Systems Understand Systems Understand Systems Understand Systems Take up 12 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Save on Energy Existing Building	Verified														(
		Verified														
Poziam 12 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0				0.00%	0.00% 0.0	0% 0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Program Adjustment to 2017 savings		12	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

32 Save on Energy Energy Manager Program	Verified	4	4.943	33.885			Т				12	3	2									100.00%											100%
Adjustment to 2017 savings	True-up										12								0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Local & Regional Programs 33 Business Refrigeration Local Program	Verified	1.0	64.897	1.067.345	1		_			_	0	 157	157	 	_	_		_	_	69.85%	28.95%	0.31%											99%
Adjustment to 2017 savings	True-up										0								0.00%	69.85%	28.95%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34 Smart Thermostat Adjustment to 2017 savings	Verified True-up	5	1,103				\pm				0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2017 savings	Verified True-up										0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs 36 Whole Home Pilot Program Adjustment to 2017 savings	Verified True-up	3	4,619	374,619							0	46	46						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
37 Er/Win Utilities Ltd Building Optimization Pilot Adjustment to 2017 savings	Verified True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2017 savings	Verified True-up						Ė				12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified						Ť				12				t																		0%
Adjustment to 2017 savings	True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2017 savings	Verified True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	Verified						Ť				12																						0%
Adjustment to 2017 savings	True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																																0%
Adjustment to 2017 savings	True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2017 savings	Verified True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the	Verified						Ť				12																						0%
Acricultural Sector Adjustment to 2017 savings	True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	019
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2017 savings	Verified True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2017 savings	Verified True-up										12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savinos)	Verified						Ħ				12																						0%
Adjustment to 2017 savings	True-up						Ţ	_			12							4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified										12																						0%
Adjustment to 2017 savings	True-up							_	_	_				 					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2017 savings	Verified True-up					-	+			+-	12			_	+	+		-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2017		66,	742,263 5	9,356,175			_					6,686	6,260						36,814,262	5,981,148	21,671	10,400	1,357	0		0	0		0		0	0	
Forecast CDM Savings in 2017 Distribution Rate in 2017		-								 				 		-	· · · · · ·		\$0.00800	\$0.01670	\$2.83870	\$3.29530	\$2.49490	\$11.53880	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Usefablion Name 9. 2017 per 2017 programs Load Revenue in 2017 from 2011 programs Load Revenue in 2017 from 2011 programs Load Revenue in 2017 from 2011 programs Load Revenue in 2017 from 2015 programs Load Revenue in 2017 from 2015 programs Load Revenue in 2017 from 2015 programs Load Revenue in 2017 from 2017 programs Total Load Revenue in 2017 from 2017 programs Total Load Revenue in 2017 from 2017 programs Total Load Revenue in 2017 from 2017 Land Revenue in 2017 Land Revenue in 2017 Forecast Load Revenue in 2017 Land Revenue in 2017 Land Revenue in 2017 Land Revenue in 2017																			\$0.00 \$0.00 \$17,076.03 \$44,773.05 \$82,123.11 \$129,506.44 \$294,514.10 \$0.00	\$0.00 \$0.00 \$59,379.12 \$66,337.48 \$88,281.08 \$43,079.54	\$2.83870 \$0.00 \$112,627.66 \$52,352.80 \$66,378.66 \$45,529.38 \$81,516.65 \$0.00	\$3.29530 \$0.00 \$57,803.71 \$7,960.58 \$30,337.40 \$71,873.48 \$34,272.19 \$0.00 \$0.00	\$0.00 \$0.00 \$14,729.60 \$11,175.99 \$918.30 \$6,516.87	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$261,616.1 \$182,599.9 \$288,038.5 \$296,505.6 \$493,572.7 \$1,502,333. \$0.00 \$1,502,333.
2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020																			30,365,111 0 0	5,982,858 0 0	21,671 0 0	10,396 0 0	1,357 0 0	0	0	0	0	0	0	0	0 0	0 0	
Note: LDC to make note of key assumptions include	d above																																

		Net Energy Savings (kWh)				Net Energy 8	Bavings Persis	stence (kWh)					Net Demand Savings (kW)		Net	Peak Deman	Savings Persis	stence (kW)									Ra	te Allocations for	r LRAMVA						
Program	Results Status	2018	2019	2620	2021	2022	2023	2024	2025	2026	2027	Monthly Multiplier	2018	2019 2	2020 202	11 2022	2023 202	2025	2026 2	1027 Re	sidential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting									Total
Legacy Framework Residential Program Coupon Initiative Adjustment to 2018 savings	P/C Report Post P/C Report	21,706											1							1	kWh 100.00% 100.00%	0.00%	0.00%	kW 0.00%	8W 0.00%	NW 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Verified True-up											ĺ									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2018 savings	Verified True-up]									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2018 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Adjustment to 2018 savings	Verified True-up											}									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2018 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2018 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install Lighting and Water Heating Initiative Adjustment to 2018 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation Initiative Adjustment to 2018 savings	Verified True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Existing Building Commissioning Incentive Initiative Adjustment to 2018 savings	Verified True-up											3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Proiect Incentive Initiative	Verified											12																							0%
Adjustment to 2018 savings Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	True-up Verified											12								=	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2018 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative	Verified				1				1			12																							0%

Adjustment to 2018 savings	True-up			1							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other 15 Aboriginal Conservation Program Adjustment to 2018 savings	Verified True-up										0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2018 savings	Verified True-up										0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2018 savings	Verified True-up										12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pliot - SEG Adjustment to 2018 savings	Verified True-up										12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarkino Pilot Adjustment to 2018 savings	Verified True-up										12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2018 savings	P/C Report	6,817,428									1	587				100.00%														100%
	Post P/C Report	941,792]	491				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Heating and Cooling Program Adjustment to 2018 savings Save on Energy New Construction Program	Post P/C Report	68,782				_	_				1	36				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2018 savings	PIC Report Post PIC Report	434,050									-	73				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
24 Save on Energy Home Assistance Program Adjustment to 2018 savings	PIC Report Post PIC Report	94,467										13				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2018 savings	P/C Report Post P/C Report	250,844 533,160									12	11 24				0.00%		41.67%	58.33% 58.33%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program ECR		7,883,558 5,550,949									12	598 422				0.00%	7.78% 7.78%	61.31% 61.31%	25.10% 25.10%	2.47% 2.47%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	97%
22 Save on Energy Small Business Lighting	P/C Report Post P/C Report	655,082 134,738									12	101				0.00%	29.90%	67.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
Common Francis Link Professiona Nove	P/C Report	116,822					_				12	12				0.00%		67.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			100%
28 Save on Energy High Periodinance New Construction Program Adjustment to 2018 savings Save on Energy Existing Building	Post P/C Report Verified	165,657				#	#				12	16				0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commissioning Program Adjustment to 2018 savings	True-up										3					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
		3,116,044 23,103,279									12	546 4,045				0.00%	14.00% 14.00%	57.70% 57.70%	17.80% 17.80%	8.19% 8.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
Adjustment to 2018 savings	P/C Report Post P/C Report	9,164,654									12 12	1,545				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Energy Manager Program Adjustment to 2018 savings	P/C Report Post P/C Report	43,519									12 12	4				0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Local & Regional Programs 33 Business Refriceration Local Program Adjustment to 2018 savings	P/C Report Post P/C Report	453,268									0	45				0.00%	14.21%	87.66% 87.66%												102%
	PIC Report Post PIC Report	182,977									0					 100.00%	14.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
35 Social Benchmarking Local Program Adjustment to 2018 savings	Verified True-up										0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc 26 Performance-Based Conservation Pilot											12					_														
Program - Conservation Fund Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2018 savings	Verified True-up										12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified										12																			0%
40 Horizon Utilities Corporation - Social Receivement in Piter Adjustment to 2018 savings Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	True-up Verified										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																													0%
Adjustment to 2018 savings Kitchener-Wilmot Hydro Inc Pilot - DCKV	True-up Verified										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	True-up						4				12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Ancientural Sacher Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
A5 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified										12					0.00%	0.0%	0.00%	0.00%			0.00%	0.00%	0.00%		0.00%				0%
Galville Hydro Electricity Distribution Inc Direct Instal - RTU Controls Adjustment to 2018 savings Toronto Hydro-Electric System Limited -	True-up Verified						=				12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savinos) Adjustment to 2018 savings	True-up						#				12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings) Adjustment to 2018 savings	Verified True-up										12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings Toronto Hydro-Electric System Limited - PFP . Large (Pilot Savings) Adjustment to 2018 savings	Verified										12					_														0%
Adjustment to 2018 savings Actual CDM Savings in 2018 Forecast CDM Savings in 2018	True-up	59,712,776									12	8,588				0.00% 8,561,203	5,016,623 1,448,724	0.00%	0.00% 13,119 35,242	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Distribution Rate in 2018		1	1	1		1		I	-1	-1		1	1 1	1 1	1	 			\$3,31510 \$0.00 \$0.00		\$11.60800 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000	\$0.00000	\$0.00000	\$0,00000	\$0.00000	90.00
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2013 programs Lost Revenue in 2018 from 2014 programs Lost Revenue in 2018 from 2014 programs Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2017 programs Lost Revenue in 2018 from 2017 programs Lost Revenue in 2018 from 2017 programs																\$0.00530 \$0.00 \$0.00 \$10.385.94 \$29,174.55 \$54,370.81 \$94,575.53 \$160,935.09	\$0.00 \$59,421.63 \$64,203.77	\$2.85570 \$0.00 \$0.00 \$112,150.17 \$49,142.99 \$67,904.44 \$50,115.60 \$61,885.05	\$0.00 \$57,689.12 \$8,008.41	\$2,50990 \$0.00 \$0.00 \$14,808.14 \$11,243.18 \$931.79 \$7,170.93 \$3,405.01	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$254,455.00 \$161,772.90 \$237,451.84 \$274,490.33 \$361,200.98
Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2017 programs																\$54,370.81 \$94,575.53 \$160,935.09	\$83,176.69 \$46,967.77 \$100,512.01	\$67,904.44 \$50,115.60 \$61,885.05	\$57,680.12 \$8,008.41 \$31,068.10 \$75,660.51 \$34,463.82	\$931.79 \$7,170.93 \$3,405.01	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$237,451.84 \$274,490.33 \$361,200.98
Lost Revenue in 2018 from 2018 programs Total Lost Revenues in 2018 Forecast Lost Revenues in 2018 LRAMVA in 2018																\$45,374.37 \$394,816.28 \$66,175.83	\$0.01680 \$0.00 \$0.00 \$59,421.63 \$64,203.77 \$83,176.60 \$46,967.77 \$100,512.01 \$84,279.27 \$438,581.14 \$24,338.57	\$116,452.96 \$457,651.22 \$184,266.27	\$43,490.61 \$250,380.57 \$116,831.12	\$12,203.73 \$49,762.77 \$0.00	\$215,216.19 \$215,216.19 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$517,017.13 \$1,806,388.18 \$391,611.79 \$1,414,776.39
LNAMVA in 2018																														\$1,414,776.39

2018 Savings Pensisting in 2019 2018 Savings Pensisting in 2020

2018 Savings Persisting in 2020 Note: Alectra relied on the Participation and Cost I	Report (P/C) and	true up any savings s	ubsequent to P/C report t	ased on the CDM	listing on closed/	/paid projects										0	0	0	0	0	0	0	0	0	- 0	0	0	0	0
Table 5-e. 2019 Lost Revenues Work Form		Return to top																											
		Net Energy Savings (kWh)			Net Energy S	Savings Persisten	mce (kWh)			Net Dem Savings	nand (kW)	Net Pe	k Demand Savings	Persistence (kW)								Rate	Allocations for	LRAMVA					
Program	Results Status	2019	2020 20	21 2022	2023	2024	2025	2026 2027	2028	Monthly Multiplier 2019	9 201	20 2021 2022	2023 2024	2025 2026	2027 2028	Residential	G8<50 kWh	General Service 50 to	General Service 700 to	Large Use S	treet Lighting								т
Legacy Framework		ļ	ļ													kWh	kWh	699 kW kW	4,999 kW kW	kW	kW	0	0	0	-	0	0	0	0
Residential Program 1 Coupon Initiative Adjustment to 2019 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2 Bi-Annual Retailer Event Initiative	Verified True-up																												
Adjustment to 2019 savings				_	+		_		-						++	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Appliance Retirement Initiative Adjustment to 2019 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4 HVAC Incentives Initiative Adjustment to 2019 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential New Construction and Major Adjustment to 2019 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Commercial & Institutional Program																													
Energy Audit Initiative Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified									12						0.00%	0.00%	0.00%	0.00%	0.00 %	0.00%	0.00%	0.00%	0.00%	0.00 %	0.00%	0.00%	0.00%	
B Direct Install Lighting and Water Heating Initiative Adjustment to 2019 savings	True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
New Construction and Major Renovation Initiative Adjustment to 2019 savings	Verified									12																			
Adjustment to 2019 savings Existing Building Commissioning Incentive	True-up				+					12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Initiative Adjustment to 2019 savings	Verified True-up									3						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified									40																			
Industrial Program Process and Systems Upgrades initiatives - Protect Incentive Initiative Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified									12																			
Adjustment to 2019 savings	True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Process and Systems Upgrades Initiatives - Enerov Manager Initiative Adjustment to 2019 savings	Verified									12																			
	True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Low Income Program Low Income Initiative Adjustment to 2019 savings	Verified True-up									12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other S Aboriginal Conservation Program Adjustment to 2019 savings																													
	Verified True-up									0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Program Enabled Savings Adjustment to 2019 savings	Verified True-up									0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings	Verified True-up									12																			
					+		_			12	_				+++	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Loblaws Pilot Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation Fund Pilot - SEG Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
O Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up									12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation First Framework Residential Province-Wide Programs																													
Save on Energy Coupon Program Adjustment to 2019 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Heating and Cooling Program Adjustment to 2019 savings	Verified																												
	True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy New Construction Program Adjustment to 2019 savings	Verified True-up				-						_					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Home Assistance Program	Verified																												
Adjustment to 2019 savings	True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2019 savings	Verified True-up						-			12					-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Retrofit Program Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
										12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Small Business Lighting Program Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy High Performance New Construction Program Adjustment to 2019 savings	Verified									12																			
	True-up									12	1					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Existing Building Commissioning Program Adjustment to 2019 savings	Verified True-up									3						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Process & Systems Uborades Procram Adjustment to 2019 savings	Verified									12																			
Adjustment to 2019 savings	True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Monitoring & Targeting Program Adjustment to 2019 savings	Verified True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2 Save on Energy Energy Manager Program	Verified									12																			
Adjustment to 2019 savings	True-up									12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Local & Regional Programs Business Refriceration Local Program Adjustment to 2019 savings	Verified True-up									0	_					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4 First Nation Conservation Local Program Adjustment to 2019 savings	Verified True-up																									0.00%			
										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5 Social Benchmarking Local Program Adjustment to 2019 savings	Verified True-up									0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pilot Programs Enersource Hydro Mississauga Inc 8 Performance-Based Conservation Pilot	Verified									12																			
Program - Conservation Fund Adjustment to 2019 savings	True-up									12	_					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EriWin Utilities Ltd Building Optimization Pilot	Verified						Ī			12	Ŧ																		
p see			1																										

Adjustment to 2019 savings	True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
88 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2019 savings	Verified True-up							12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified							12																			0%
Adjustment to 2019 savings	True-up							12				 	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2019 savings	Verified True-up							12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	Verified							12																			0%
Adjustment to 2019 savings	True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																										0%
Adjustment to 2019 savings	True-up							1					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2019 savings	Verified True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the	Verified							12																			0%
Adjustment to 2019 savings	True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2019 savings	Verified True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Direct Install - RTU Controls	Verified							12				Ħ															0%
Adjustment to 2019 savings	True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savinos) Adjustment to 2019 savings	Verified True-up							12 12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified							12																			0%
Adjustment to 2019 savings	True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2019 savings	Verified True-up							12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2019	Tros-op				-	-	-	12			-	 =	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Forecast CDM Savings in 2019													0	0	0	0	6	0	0		0	6	0	0	0	0	
Distribution Rabe in 2019 is programs Loss Revenue in 2019 from 2011 programs Loss Revenue in 2019 from 2011 programs Loss Revenue in 2019 from 2012 programs Loss Revenue in 2019 from 2014 programs Loss Revenue in 2019 from 2014 programs Loss Revenue in 2019 from 2014 programs Loss Revenue in 2019 from 2019 programs Loss Revenue in 2019 from 2019 programs Loss Revenue in 2019 from 2019 programs Total Loss Revenues in 2019 from 2019 programs Tot													\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2019 Savings Persisting in 2020																											

		Net Energy Savings (kWh)				Net Energy Sa	vings Persist	ence (kWh)					Net Demand Savings (kW)	,		Net Peak De	nand Savings	Persistence (i	kW)								R	tate Allocations fo	r LRAMVA						
Program	Results Status	2020	2021	2622	2023	2024	2025	2026	2627	2028	2029	Monthly Multiplier	2620	2021	2022	2023 20:	4 2025	2026 2	027 2028	2629	Residential	G8<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting									Total
acy Framework																					XWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
ual CDM Savings in 2020		0											0								0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ecast CDM Savings in 2020																					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Intelution Raile in 2020 I Revenue in 2020 from 2011 programs I Revenue in 2020 from 2011 programs I Revenue in 2020 from 2012 programs I Revenue in 2020 from 2013 reorgams I Revenue in 2020 from 2013 reorgams I Revenue in 2020 from 2014 programs I Revenue in 2020 from 2016 programs I Revenue in 2020 from 2016 programs I Revenue in 2020 from 2016 programs I Revenue in 2020 from 2019 programs I Revenue in 2020 from 2019 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs I Lost Revenue in 2020 from 2020 programs																					\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Return to to



LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

\$0.00 \$0.00

\$0.00 \$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00 \$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Total

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.0

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

Legend

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

Instructions

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
- 2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
- 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Table 6 Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kWh	General Service 50 to 699 kW	General Service 700 to 4,999 kW	Large Use	Street Lighting	
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2011 Q4	1.47%	Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2012 Q1 2012 Q2	1.47%	May-11	2011	Q2 Q2	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		
2012 Q2 2012 Q3	1.47%	Jun-11 Jul-11	2011	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2012 Q3	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2013 Q2	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2013 Q3	1.47%	Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2013 Q4	1.47%	Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2014 Q1	1.47%	Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2014 Q2	1.47%	Amount Clearer										
2014 Q3	1.47%	Opening Balar		04	0.400/	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2014 Q4 2015 Q1	1.47%	Jan-12 Feb-12	2011-2012	Q1 Q1	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		
2015 Q1	1.10%	Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2015 Q3	1.10%	Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2015 Q4	1.10%	May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2016 Q1	1.10%	Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2016 Q2	1.10%	Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2016 Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2016 Q4	1.10%	Sep-12	2011-2012	Q3 Q4	0.12%	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00		
2017 Q1 2017 Q2	1.10%	Oct-12 Nov-12	2011-2012 2011-2012	Q4 Q4	0.12% 0.12%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		
2017 Q2 2017 Q3	1.10%	Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2017 Q4	1.50%	Total for 2012			0.1270	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2018 Q1	1.50%	Amount Clearer					,,,,,	,,,,,			*****	
2018 Q2	1.89%	Opening Balar	nce for 2013			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2018 Q3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2019 Q2 2019 Q3	2.18%	Apr-13 May-13	2011-2013 2011-2013	Q2 Q2	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		
2019 Q3 2019 Q4	2.18%	Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2020 Q1	2.18%	Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2020 Q2	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2020 Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 Q4	0.57%	Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2021 Q1		Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2021 Q2		Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2021 Q3		Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2021 Q4 2022 Q1		Amount Clearer Opening Balar				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2022 Q1		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2022 Q3		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2022 Q4		Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2023 Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2023 Q2		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2023 Q3		Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2023 Q4		Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2024 Q1 2024 Q2		Aug-14 Sep-14	2011-2014	Q3 Q3	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		
2024 Q2 2024 Q3		Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2024 Q4		Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2025 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2025 Q2		Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2025 Q3		Amount Clearer										
2025 Q4		Opening Balar				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
		Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
		Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

1 445 1	2044 2045	Q2	0.000/	\$0.00	60.00	60.00	60.00	60.00	*0.00	60.00	*0.00	\$0.00	60.00	\$0.00	\$0.00	\$0.00	60.00	***
Apr-15 May-15	2011-2015	Q2 Q2	0.09%	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Jun-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-15 Nov-15	2011-2015	Q4 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Dec-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015	2011 2010		0.0070	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared	i																	
Opening Balance				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-16 Apr-16	2011-2016 2011-2016	Q1 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
May-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-16	2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-16 Dec-16	2011-2016 2011-2016	Q4 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Total for 2016	2011-2010	QH.	0.0876	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared				72.30	72.30	72.00	730	72.00	+3.00	722		72.30	Ţ	71.00	72.30		4	Ţ
Opening Balance	ce for 2017			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-17	2011-2017	Q1 Q2	0.09%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Apr-17 May-17	2011-2017 2011-2017	Q2 Q2	0.09%	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00
Jun-17	2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-17 Dec-17	2011-2017 2011-2017	Q4 Q4	0.13%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
Total for 2017	2011-2017	Ų4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	•••••
Opening Balance				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18	2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18	2011-2018	Q1	0.13%	\$34.23	\$43.15	\$28.48	\$13.91	\$5.18	\$22.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$147.37
Mar-18	2011-2018	Q1	0.13%	\$68.47	\$86.30	\$56.96	\$27.82	\$10.37	\$44.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$294.75
Apr-18 May-18	2011-2018 2011-2018	Q2 Q2	0.16%	\$129.40 \$172.54	\$163.10 \$217.47	\$107.65 \$143.53	\$52.59 \$70.11	\$19.59 \$26.13	\$84.74 \$112.99	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$557.07 \$742.76
Jun-18	2011-2018	Q2	0.16%	\$215.67	\$271.83	\$179.41	\$87.64	\$32.66	\$141.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$928.45
Jul-18	2011-2018	Q3	0.16%	\$258.80	\$326.20	\$215.29	\$105.17	\$39.19	\$169.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,114,14
Aug-18	2011-2018	Q3	0.16%	\$301.94	\$380.57	\$251.17	\$122.70	\$45.72	\$197.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,299.83
Sep-18	2011-2018	Q3	0.16%	\$345.07	\$434.93	\$287.05	\$140.23	\$52.25	\$225.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,485.52
Oct-18	2011-2018	Q4	0.18%	\$445.72	\$561.79	\$370.78	\$181.13	\$67.49	\$291.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,918.79
Nov-18 Dec-18	2011-2018	Q4 Q4	0.18%	\$495.24 \$544.77	\$624.21 \$686.63	\$411.98 \$453.17	\$201.25 \$221.38	\$74.99 \$82.49	\$324.32 \$356.75	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$2,131.99 \$2,345.19
Total for 2018	2011-2016	Q4	0.10%	\$3.011.85	\$3,796.18	\$2,505,46	\$1,223,93	\$456.06	\$1,972,37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$12,965.84
Amount Cleared				70,011100	72,:22::2	4-,	4.,==	7.22.2	* .,	73.33		,,,,,			43.55	72.00		* . ,
Opening Balance	ce for 2019			\$3,011.85	\$3,796.18	\$2,505.46	\$1,223.93	\$456.06	\$1,972.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$12,965.84
Jan-19	2011-2019	Q1	0.20%	\$670.97	\$845.70	\$558.16	\$272.66	\$101.60	\$439.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,888.50
Feb-19	2011-2019	Q1	0.20%	\$670.97	\$845.70	\$558.16	\$272.66	\$101.60	\$439.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,888.50
Mar-19 Apr-19	2011-2019	Q1 Q2	0.20%	\$670.97 \$597.03	\$845.70 \$752.50	\$558.16 \$496.65	\$272.66 \$242.61	\$101.60 \$90.40	\$439.40 \$390.98	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$2,888.50 \$2,570.18
Apr-19 May-19	2011-2019	Q2	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Jun-19	2011-2019	Q2	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Jul-19	2011-2019	Q3	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Aug-19	2011-2019	Q3	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Sep-19	2011-2019	Q3	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Oct-19 Nov-19	2011-2019	Q4 Q4	0.18%	\$597.03 \$597.03	\$752.50 \$752.50	\$496.65 \$496.65	\$242.61 \$242.61	\$90.40 \$90.40	\$390.98 \$390.98	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$2,570.18 \$2,570.18
Dec-19	2011-2019	Q4	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Total for 2019		47	2070	\$10,398.05	\$13,105.83	\$8,649.79	\$4,225.45	\$1,574.47	\$6,809.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$44,762.94
Amount Cleared																		
Opening Balance	ce for 2020			\$10,398.05	\$13,105.83	\$8,649.79	\$4,225.45	\$1,574.47	\$6,809.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$44,762.94
Jan-20	2011-2020	Q1	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Feb-20	2011-2020	Q1	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Mar-20 Apr-20	2011-2020 2011-2020	Q1 Q2	0.18%	\$597.03 \$597.03	\$752.50 \$752.50	\$496.65 \$496.65	\$242.61 \$242.61	\$90.40 \$90.40	\$390.98 \$390.98	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$2,570.18 \$2,570.18
Apr-20 May-20	2011-2020	Q2	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Jun-20	2011-2020	Q2	0.18%	\$597.03	\$752.50	\$496.65	\$242.61	\$90.40	\$390.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,570.18
Jul-20	2011-2020	Q3	0.05%	\$156.10	\$196.76	\$129.86	\$63.44	\$23.64	\$102.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$672.02
Aug-20	2011-2020	Q3	0.05%	\$156.10	\$196.76	\$129.86	\$63.44	\$23.64	\$102.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$672.02
Sep-20	2011-2020	Q3	0.05%	\$156.10	\$196.76	\$129.86	\$63.44	\$23.64	\$102.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$672.02
Oct-20 Nov-20	2011-2020	Q4 Q4	0.05%	\$156.10 \$156.10	\$196.76 \$196.76	\$129.86 \$129.86	\$63.44 \$63.44	\$23.64 \$23.64	\$102.23 \$102.23	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$672.02 \$672.02
	2011-2020	Q4 Q4	0.05%	\$156.10 \$156.10	\$196.76 \$196.76	\$129.86 \$129.86	\$63.44 \$63.44	\$23.64 \$23.64	\$102.23 \$102.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$672.02
		u#	0.0076	\$156.10	\$18.801.39	\$12,408.83	\$6.061.75	\$2,258,71	\$9.768.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$64,216.11
Dec-20 Total for 2020																		
Total for 2020				\$14,510.03	\$10,001.35	\$12,400.03	\$0,001.70	\$2,200.77	\$0,100.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	V04,210.11
				\$14,916.85	\$18,801.39	\$12,408.83	\$6,061.75	\$2,258.71	\$9,768.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$64,216.11

Supporting Documentatio LDC Persistence Savings Results f

Legend	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grev)

Instructions (Steps)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B
- 2. Please identify the source of the report via the dropdown list in Column I.
- 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking
- 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an
- 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below mate

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	#1					#3	#2	#4	#1
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verific
									2011
		Save on Energy Coupon Program	Hydro One Brampton			201	6 2016 Results Persistence	Current year savings	
		Save on Energy Heating & Cooling Program							
		Save on Energy New Construction Program							
		Save on Energy Home Assistance Program							
		Save on Energy Audit Funding Program							
		Save on Energy Retrofit Program							
		Save on Energy Small Business Lighting Progra	am						
		Save on Energy High Performance New Const	ruction Program						
		Home Depot Home Appliance Market Uplift C	Conservation Fund Pilot Program						
		Solar Powered Attic Ventilation Pilot Program							
		Truckload Event Pilot Program							

n:

rom IESO

Version 5.0 (2021)

to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

ng on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

ch those provided by the IESO.

ed Annual Peak Demand Savings at the End-User Level (kW)

2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
				778	778	778	778	778	778	778	778	778	775	748	748	748	747	651	651	279	0	0	0	0	0
				901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	786	0	0	0
				84	84	84	84	84	84	84	84	84	84	83	83	83	83	83	20	7	1	0	0	0	0
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				9	9	9	9	9	9	9	9	9	9	2	0	0	0	0	0	0	0	0	0	0	0
				2,862	2,778	2,778	2,778	2,778	2,740	2,740	2,740	2,695	2,695	2,655	1,926	498	498	127	20	20	20	20	20	0	0
				23	23	23	23	21	20	19	17	13	8	7	5	4	4	3	3	3	3	2	2	2	2
				926	926	926	926	926	926	926	926		926	926	926	926	926	926	918	914	673	549	549	549	549
				3	3	3	3	3	3	3		3	3	3	3	3	3	1	1	1	1	0	0	0	0
				199	199	199	199	199	199	199	199	199	199	0	0	0	0	0	0	0	0	0	0	0	0
				76	76	76	76	76	76	76	76	76	76	76	76	76	68	68	31	31	0	0	0	0	0

#1
Net Verified Annual Energy Savings at the End-User Level (kWh)

2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
0	0	0			-		•	11,980,096	11,980,096	11,980,096	11,980,096	11,980,096	11,980,096	11,980,096	11,978,328	11,978,328	11,927,319	11,782,871	11,775,897
0	0	0						2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935
0	0	0						526,284	526,284	526,284	526,284	526,284	526,284	526,284	526,284	526,284	526,284	520,650	520,650
0	0	0						0	0	0	0	0	0	0	0	0	0	0	0
0	0	0						65,713	65,713	65,713	65,713	65,713	65,713	65,713	65,713	65,713	65,713	16,224	0
0	0	0						20,646,284	20,148,351	20,148,351	20,148,351	20,148,351	19,374,454	19,374,454	19,374,454	18,884,877	18,884,877	18,605,172	13,981,079
0	0	0						114,712	114,712	114,712	114,712	101,470	84,244	80,188	71,219	52,534	35,319	28,155	18,712
549	549	549						4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229	4,477,229
0	0	0						2,718	2,718	2,718	2,718	2,718	2,718	2,718	2,718	2,718	2,718	2,718	2,718
0	0	0						178,029	178,029	178,029	178,029	178,029	178,029	178,029	178,029	178,029	178,029	0	0
0	0	0						1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835	1,215,835

2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
11,775,897	11,712,514	10,176,202	10,176,202	4,443,919	0	0	0	0	0	0	0	0
2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,954,935	2,852,221	0	0	0	0	0	0
520,650	520,650	520,650	324,148	110,571	11,446	11,197	11,197	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
3,756,838	3,756,838	531,115	12,278	12,278	12,278	12,278	12,278	0	0	0	0	0
11,802	11,802	9,849	9,849	9,849	9,849	8,287	7,788	7,788	7,788	1,216	1,216	1,216
4,477,229	4,477,229	4,477,229	4,464,868	4,457,935	2,884,334	2,075,597	2,075,597	2,075,597	2,075,597	2,075,597	2,075,597	2,075,597
2,718	2,718	1,952	1,952	1,952	1,952	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
1,215,835	1,082,560	1,082,560	492,332	492,332	0	0	0	0	0	0	0	0



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend

User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: City of Brampton

Summary of Project #161218

	Actual los	t revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	а	b		b * c
Jan-18	693.77		90%	
Feb-18	202.81	-490.96	90%	-442.06
Mar-18	202.81	-490.96	90%	-442.06
Apr-18	202.81	-490.96	90%	-442.06
May-18	202.81	-490.96	90%	-442.06
Jun-18	202.81	-490.96	90%	-442.06
Jul-18	202.81	-490.96	90%	-442.06
Aug-18	202.81	-490.96	90%	-442.06
Sep-18	202.81	-490.96	90%	-442.06
Oct-18	202.81	-490.96	90%	-442.06
Nov-18	202.81	-490.96	90%	-442.06
Dec-18	202.81	-490.96	90%	-442.06
Total				-4862.6147
Persistence i	n 20XX			
Persistence i	n 20XX			
Persistence i	n 20XX			
Persistence i	n 20XX			

Details of Project #161218

Pre-conversion billing demand

	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d	e	d * e
Cobra - HPS 250W	0.305	19	5.795
Cobra - HPS 400W	0.46	17	7.82
Cobra - HPS 150W	0.19	2	0.38
Cobra - HPS 250W	0.305	7	2.135
Cobra - HPS 400W	0.46	2	0.92
Cobra - HPS 250W	0.305	2	0.61
Cobra - HPS 400W	0.46	18	8.28
Cobra - HPS 250W	0.305	1	0.305
Cobra - HPS 150W	0.19	2	0.38
Cobra - HPS 250W	0.305	6	1.83
Cobra - HPS 400W	0.46	15	6.9
Cobra - HPS 250W	0.305	6	1.83
Cobra - HPS 400W	0.46	27	12.42
Cobra - HPS 70W	0.096	63	6.048
Cobra - HPS 100W	0.13	52	6.76
Cobra - HPS 150W	0.19	13	2.47
Cobra - HPS 250W	0.305	35	10.675
Cobra - LED 53W	0.053	19	1.007
Cobra - HPS 70W	0.096	24	2.304
Cobra - HPS 150W	0.19	115	21.85
Cobra - HPS 250W	0.305	12	3.66
Cobra - HPS 150W	0.19	23	4.37
Cobra - HPS 150W	0.19	64	12.16
Cobra - HPS 250W	0.305	47	14.335
Cobra - HPS 400W	0.46	1	0.46
Cobra - HPS 70W	0.096	1	0.096
Cobra - HPS 150W	0.19	36	6.84
Cobra - HPS 250W	0.305	18	5.49
Cobra - HPS 150W	0.19	21	3.99
Cobra - HPS 250W	0.305	83	25.315
Cobra - HPS 150W	0.19	195	37.05
Cobra - HPS 250W	0.305	72	21.96
Cobra - HPS 400W	0.46	3	1.38
Cobra - HPS 70W	0.096	27	2.592
Cobra - HPS 150W	0.19	452	85.88
Cobra - HPS 250W	0.305	247	75.335
Cobra - HPS 400W	0.46	5	2.3
Cobra - HPS 70W	0.096	1	0.096
Cobra - HPS 150W	0.19	44	8.36

	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d ₁	e 1	d 1 * e 1
103W_XSPLG D HT 2ME 18L 40K7 U	0.103	19	1.957
103W XSPLG D HT 2ME 18L 40K7 U	0.103	17	1.751
103W_XSPLG D HT 3ME 18L 40K7 U	0.103	2	0.206
103W XSPLG D HT 3ME 18L 40K7 U	0.103	7	0.721
103W XSPLG D HT 3ME 18L 40K7 U	0.103	2	0.206
116W XSPLG D HT 3ME 18L 40K7 U	0.116	2	0.232
116W XSPLG D HT 3ME 18L 40K7 U	0.116	18	2.088
128W_XSPLG D HT 2ME 18L 40K7 U	0.128	1	0.128
128W XSPLG D HT 3ME 18L 40K7 U	0.128	2	0.256
128W XSPLG D HT 3ME 18L 40K7 U	0.128	6	0.768
128W XSPLG D HT 3ME 18L 40K7 U	0.128	15	1.92
156W XSPLG D HT 3ME 24L 40K7 U	0.156	6	0.936
156W XSPLG D HT 3ME 24L 40K7 U	0.156	27	4.212
30W XSPSM D HT 2ME 5L 40K7 UL	0.03	63	1.89
30W XSPSM D HT 2ME 5L 40K7 UL	0.03	52	1.56
30W XSPSM D HT 2ME 5L 40K7 UL :	0.03	13	0.39
30W XSPSM D HT 2ME 5L 40K7 UL :	0.03	35	1.05
47W XSPSM D HT 2ME 5L 30K7 UL :	0.027	19	0.513
62W XSPSM D HT 2ME 8L 40K7 UL :	0.062	24	1.488
62W_XSPSM D HT 2ME 8L 40K7 UL :	0.062	115	7.13
62W_XSPSM D HT 2ME 8L 40K7 UL	0.062	12	0.744
62W_XSPSM D HT 3ME 8L 30K7 UL	0.062	23	1.426
62W_XSPSM D HT 3ME 8L 40K7 UL	0.062	64	3.968
62W_XSPSM D HT 3ME 8L 40K7 UL	0.062	47	2.914
62W_XSPSM D HT 3ME 8L 40K7 UL	0.062	1	0.062
65W_XSPSM D HT 2ME 8L 40K7 UL	0.065	1	0.065
65W_XSPSM D HT 2ME 8L 40K7 UL	0.065	36	2.34
65W_XSPSM D HT 2ME 8L 40K7 UL :	0.065	18	1.17
65W_XSPSM D HT 3ME 8L 40K7 UL :	0.065	21	1.365
65W_XSPSM D HT 3ME 8L 40K7 UL :	0.065	83	5.395
67W_XSPMD D HT 2ME 12L 40K7 U	0.067	195	13.065
67W_XSPMD D HT 2ME 12L 40K7 U	0.067	72	4.824
67W_XSPMD D HT 2ME 12L 40K7 U	0.067	3	0.201
67W_XSPMD D HT 3ME 12L 40K7 U	0.067	27	1.809
67W_XSPMD D HT 3ME 12L 40K7 U	0.067	452	30.284
67W_XSPMD D HT 3ME 12L 40K7 U	0.067	247	16.549
67W_XSPMD D HT 3ME 12L 40K7 U	0.067	5	0.335
69W_XSPSM D HT 2ME 8L 40K7 UL :	0.069	1	0.069
69W_XSPSM D HT 2ME 8L 40K7 UL :	0.069	44	3.036
69W_XSPSM D HT 2ME 8L 40K7 UL	0.069	1	0.069

Post-conversion billing demand

Table 8-b: City of Brampton

Summary of Project #161164

Juillilla		Ct #10110-		
	Actual los	t revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	а	b	С	b * c
Jan-18	1,592.45		90%	
Feb-18	648.09	-944.36	90%	-850.30
Mar-18	648.09	-944.36	90%	-850.30
Apr-18	648.09	-944.36	90%	-850.30
May-18	648.09	-944.36	90%	-850.30
Jun-18	648.09	-944.36	90%	-850.30
Jul-18	648.09	-944.36	90%	-850.30
Aug-18	648.09	-944.36	90%	-850.30
Sep-18	648.09	-944.36	90%	-850.30
Oct-18	648.09	-944.36	90%	-850.30
Nov-18	648.09	-944.36	90%	-850.30
Dec-18	648.09	-944.36	90%	-850.30
Total				-9353.30

Cobra - HPS 70W 0.096 3 0.288 Cobra - HPS 150W 0.19 53 1.007 Cobra - HPS 250W 0.305 3 0.915 Cobra - HPS 150W 0.19 12 2.28 Cobra - HPS 250W 0.305 93 28.365 Cobra - HPS 250W 0.305 93 28.365 Cobra - HPS 250W 0.19 2 0.38 Cobra - HPS 150W 0.19 2 0.38 Cobra - HPS 150W 0.19 6 1.14 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 400W 0.46 23 10.38 Cobra - HPS 250W 0.305 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra -				
Cobra - HPS 150W 0.19 53 10.07 Cobra - HPS 250W 0.305 3 0.915 Cobra - HPS 150W 0.19 12 2.28 Cobra - HPS 150W 0.305 93 28.365 Cobra - HPS 150W 0.09 93 28.365 Cobra - HPS 150W 0.19 2 0.38 Cobra - HPS 150W 0.305 36 10.98 Cobra - HPS 150W 0.305 36 10.98 Cobra - HPS 150W 0.030 38 11.59 Cobra - HPS 150W 0.046 23 10.58 Cobra - HPS 250W 0.035 38 11.59 Cobra - HPS 150W 0.096 1 0.066 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.0305 229 69.845 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 250W 0.096 1 0.096 Cobra	Cobra - HPS 250W	0.305	17	5.185
Cobra - HPS 250W 0.305 3 0.915 Cobra - HPS 150W 0.19 12 2.28 Cobra - HPS 250W 0.305 93 28.365 Cobra - HPS 250W 0.035 93 28.365 Cobra - HPS 150W 0.19 2 0.92 Cobra - HPS 150W 0.305 36 10.98 Cobra - HPS 250W 0.305 38 11.14 Cobra - HPS 250W 0.305 38 11.58 Cobra - HPS 250W 0.46 23 10.58 Cobra - HPS 250W 0.066 1 0.96 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 250W 0.095 1 0.096 Cobra -	Cobra - HPS 70W	0.096	3	0.288
Cobra - HPS 150W 0.19 12 2.28 Cobra - HPS 250W 0.305 93 28.365 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 2 0.38 Cobra - HPS 150W 0.305 36 10.98 Cobra - HPS 150W 0.305 38 11.59 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 250W 0.46 23 10.58 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.37 Cobra - HPS 150W 0.19 3 0.37 Cobra - HPS 150W	Cobra - HPS 150W	0.19	53	10.07
Cobra - HPS 250W 0.305 93 28.365 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 2 0.38 Cobra - HPS 150W 0.305 36 10.98 Cobra - HPS 250W 0.305 36 10.98 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 250W 0.096 1 0.056 Cobra - HPS 250W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 400W </td <td>Cobra - HPS 250W</td> <td>0.305</td> <td>3</td> <td>0.915</td>	Cobra - HPS 250W	0.305	3	0.915
Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 2 0.38 Cobra - HPS 250W 0.305 36 10.98 Cobra - HPS 150W 0.19 6 1.14 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 400W 0.46 23 10.58 Cobra - HPS 50W 0.096 1 0.096 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 250W 0.305 1.525 5 Cobra - HPS 250W 0.305 48 1.64 Cobra - HPS 250W 0.305 48 1.64 Cobra - HPS 25	Cobra - HPS 150W	0.19	12	2.28
Cobra - HPS 150W 0.19 2 0.38 Cobra - HPS 250W 0.305 36 1.098 Cobra - HPS 150W 0.19 6 1.14 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 250W 0.066 23 10.58 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.46 11 5.06 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.37 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W	Cobra - HPS 250W	0.305	93	28.365
Cobra - HPS 250W 0.30S 36 10.98 Cobra - HPS 150W 0.19 6 1.14 Cobra - HPS 250W 0.30S 38 11.59 Cobra - HPS 250W 0.035 38 11.59 Cobra - HPS 150W 0.096 1 0.056 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.19 10 1.92 Cobra - HPS 150W	Cobra - HPS 400W	0.46	2	0.92
Cobra - HPS 150W 0.19 6 1.14 Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 400W 0.46 23 10.58 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 44 3.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 400W 0.46 11 5.06 Cobra - HPS 50W 0.096 1 0.096 Cobra - HPS 50W 0.096 1 0.096 Cobra - HPS 50W 0.305 5 1.525 Cobra - HPS 50W 0.305 5 1.525 Cobra - HPS 50W 0.305 5 1.525 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.305 13 34.455 Cobra - HPS 150W <td>Cobra - HPS 150W</td> <td>0.19</td> <td>2</td> <td>0.38</td>	Cobra - HPS 150W	0.19	2	0.38
Cobra - HPS 250W 0.305 38 11.59 Cobra - HPS 400W 0.46 23 13.58 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 400W 0.46 11 5.06 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 150W 0.305 5 1.525 Cobra - HPS 150W 0.096 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.095 48 14.64 Cobra - HPS 150W 0.09 10 1.9 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.305 113 3.465 Cobra - HPS 150W	Cobra - HPS 250W	0.305	36	10.98
Cobra - HPS 400W 0.46 23 10.58 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 250W 0.096 11 5.06 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 550W 0.19 34 6.46 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.92 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 150W 0.305 133 0.39 Cobra - HPS 150W 0.13 3 3.05 Cobra - HPS 150W <td>Cobra - HPS 150W</td> <td>0.19</td> <td>6</td> <td>1.14</td>	Cobra - HPS 150W	0.19	6	1.14
Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 400W 0.46 11 5.06 Cobra - HPS 70W 0.096 1 0.96 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 250W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.305 48 14.64 Cobra - HPS 150W 0.09 48 1.46 Cobra - HPS 150W 0.09 10 1.9 Cobra - HPS 150W 0.09 13 3.465 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W	Cobra - HPS 250W	0.305	38	11.59
Cobra - HPS 150W 0.19 44 8.36 Cobra - HPS 250W 0.305 229 69.845 Cobra - HPS 400W 0.46 11 5.06 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 5.57 Cobra - HPS 150W 0.305 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 150W 0.09 34 14.64 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 1.14 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W	Cobra - HPS 400W	0.46	23	10.58
Cobra - HPS 250W 0.30S 229 69.845 Cobra - HPS 400W 0.46 11 5.06 Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 70W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 14.64 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 3.93 Cobra - HPS 150W 0.13 3 3.93 Cobra - HPS 150W 0.13 3 3.93 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W	Cobra - HPS 70W	0.096	1	0.096
Cobra - HPS 400W 0.46 11 5.06 Cobra - HPS 70W 0.096 1 0.96 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 250W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 14.64 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.305 13 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W	Cobra - HPS 150W	0.19	44	8.36
Cobra - HPS 70W 0.096 1 0.096 Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 14.64 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W 0.305 130 3 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 400W	Cobra - HPS 250W	0.305	229	69.845
Cobra - HPS 150W 0.19 3 0.57 Cobra - HPS 250W 0.305 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 1.64 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 400W	0.46	11	5.06
Cobra - HPS 250W 0.30S 5 1.525 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 14.64 Cobra - HPS 250W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 150W 0.305 134 40.87 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 70W	0.096	1	0.096
Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 14.64 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 100W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 150W	0.19	3	0.57
Cobra - HPS 150W 0.19 34 6.46 Cobra - HPS 250W 0.305 48 1.6,64 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 150W 0.305 113 34.465 Cobra - HPS 100W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 250W	0.305	5	1.525
Cobra - HPS 250W 0.305 48 14.64 Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 114 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 400W	0.46	2	0.92
Cobra - HPS 400W 0.46 2 0.92 Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 100W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 150W	0.19	34	6.46
Cobra - HPS 150W 0.19 10 1.9 Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 100W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 250W	0.305	48	14.64
Cobra - HPS 250W 0.305 113 34.465 Cobra - HPS 100W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 400W	0.46	2	0.92
Cobra - HPS 150W 0.13 3 0.39 Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 150W	0.19	10	1.9
Cobra - HPS 150W 0.19 60 11.4 Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 250W	0.305	113	34.465
Cobra - HPS 250W 0.305 134 40.87 Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 100W	0.13	3	0.39
Cobra - HPS 400W 0.46 2 0.92	Cobra - HPS 150W	0.19	60	11.4
	Cobra - HPS 250W	0.305	134	40.87
Total 693.77	Cobra - HPS 400W	0.46	2	0.92
	Total			693.77

Details of Project #161164

Pre-conversion billing demand

	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d	e	d*e
Cobrahead HPS 150W	0.15	25	3.75
Cobrahead HPS 150W	0.15	13	1.95
Cobrahead HPS 150W	0.15	6	0.90
Cobrahead HPS 150W	0.15	3	0.45
Cobrahead HPS 150W	0.15	72	10.80
Cobrahead HPS 150W	0.15	2	0.30
Cobrahead HPS 150W	0.15	3	0.4
Cobrahead HPS 150W	0.15	5	0.7
Cobrahead HPS 150W	0.15	4	0.60
Cobrahead HPS 150W	0.15	114	17.10
Cobrahead HPS 150W	0.15	8	1.2
Cobrahead HPS 150W	0.15	50	7.5
Cobrahead HPS 150W	0.15	2	0.3
Cobrahead HPS 150W	0.15	2	0.3
Cobrahead HPS 150W	0.15	14	2.1
Cobrahead HPS 150W	0.15	10	1.50
Cobrahead HPS 150W	0.15	1	0.1
Cobrahead HPS 150W	0.15	3	0.4
Cobrahead HPS 200W	0.2	1	0.2
Cobrahead HPS 250W	0.25	71	17.7
Cobrahead HPS 250W	0.25	337	84.2
Cobrahead HPS 250W	0.25	75	18.7
Cobrahead HPS 250W	0.25	59	14.7
Cobrahead HPS 250W	0.25	9	2.2
Cobrahead HPS 250W	0.25	557	139.2
Cobrahead HPS 250W	0.25	6	1.5
Cobrahead HPS 250W	0.25	14	3.5
Cobrahead HPS 250W	0.25	7	1.7
Cobrahead HPS 250W	0.25	6	1.5
Cobrahead HPS 250W	0.25	23	5.7
Cobrahead HPS 250W	0.25	11	2.7
Cobrahead HPS 250W	0.25	10	2.50
Cobrahead HPS 250W	0.25	15	3.75
Cobrahead HPS 250W	0.25	123	30.75

69W_XSPSM D HT 2ME 8L 40K7 UL	0.069	17	1.173
69W_XSPSM D HT 3ME 8L 40K7 UL	0.069	3	0.207
69W_XSPSM D HT 3ME 8L 40K7 UL	0.069	53	3.657
69W_XSPSM D HT 3ME 8L 40K7 UL	0.069	3	0.207
74W_XSPMD D HT 2ME 12L 40K7 U	0.074	12	0.888
74W_XSPMD D HT 2ME 12L 40K7 U	0.074	93	6.882
74W_XSPMD D HT 2ME 12L 40K7 U	0.074	2	0.148
74W_XSPMD D HT 3ME 12L 40K7 U	0.074	2	0.148
74W_XSPMD D HT 3ME 12L 40K7 U	0.074	36	2.664
81W_XSPMD D HT 2ME 12L 40K7 U	0.081	6	0.486
81W_XSPMD D HT 2ME 12L 40K7 U	0.081	38	3.078
81W_XSPMD D HT 2ME 12L 40K7 U	0.081	23	1.863
81W_XSPMD D HT 3ME 12L 40K7 U	0.081	1	0.081
81W_XSPMD D HT 3ME 12L 40K7 U	0.081	44	3.564
81W_XSPMD D HT 3ME 12L 40K7 U	0.081	229	18.549
81W_XSPMD D HT 3ME 12L 40K7 U	0.081	11	0.891
91W_XSPLG D HT 2ME 18L 40K7 UL	0.091	1	0.091
91W_XSPLG D HT 2ME 18L 40K7 UL	0.091	3	0.273
91W_XSPLG D HT 2ME 18L 40K7 UL	0.091	5	0.455
91W_XSPLG D HT 2ME 18L 40K7 UL	0.091	2	0.182
91W_XSPLG D HT 3ME 18L 40K7 UL	0.091	34	3.094
91W_XSPLG D HT 3ME 18L 40K7 UL	0.091	48	4.368
91W_XSPLG D HT 3ME 18L 40K7 UL	0.091	2	0.182
95W_XSPMD D HT 2ME 12L 40K7 U	0.095	10	0.95
95W_XSPMD D HT 2ME 12L 40K7 U	0.095	113	10.735
95W_XSPMD D HT 3ME 12L 40K7 U	0.095	3	0.285
95W_XSPMD D HT 3ME 12L 40K7 U	0.095	60	5.7
95W_XSPMD D HT 3ME 12L 40K7 U	0.095	134	12.73
95W_XSPMD D HT 3ME 12L 40K7 U	0.095	2	0.19
Total			202.81

Post-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d ₁	e 1	d 1 * e 1
107W_BXSP2-HO-HT-2ME-165W-40	0.107	25	2.675
107W_BXSP2-HO-HT-3ME-165W-40	0.107	13	1.391
125W_BXSP2-HO-HT-2ME-165W-40	0.125	6	0.75
125W_BXSP2-HO-HT-2ME-165W-40	0.107	3	0.321
125W_BXSP2-HO-HT-3ME-165W-40	0.125	72	9
143W_BXSP2-HO-HT-2ME-165W-40	0.143	2	0.286
143W_BXSP2-HO-HT-3ME-165W-40	0.143	3	0.429
151W_BXSP2-HO-HT-3ME-165W-40	0.151	5	0.755
160W_BXSP2-HO-HT-2ME-165W-40	0.16	4	0.64
160W_BXSP2-HO-HT-3ME-165W-40	0.16	114	18.24
49W_BXSPR-HO-HT-2ME-60W-40K-	0.049	8	0.392
61W_BXSP1-HO-HT-2ME-100W-40K	0.061	50	3.05
61W_BXSP1-HO-HT-3ME-100W-40K	0.061	2	0.122
62W_BXSPR-HO-HT-2ME-60W-40K-	0.062	2	0.124
88W_BXSP1-HO-HT-3ME-100W-40K	0.088	14	1.232
88W_BXSP1-HO-HT-3ME-100W-40k	0.061	10	0.61
88W_BXSP1-HO-HT-3ME-100W-40K	0.069	1	0.069
99W_BXSP1-HO-HT-3ME-100W-40K	0.061	3	0.183
107W_BXSP2-HO-HT-3ME-165W-40	0.107	1	0.107
107W_BXSP2-HO-HT-2ME-165W-40	0.107	71	7.597
107W_BXSP2-HO-HT-3ME-165W-40	0.107	337	36.059
125W_BXSP2-HO-HT-2ME-165W-40	0.125	75	9.375
125W_BXSP2-HO-HT-2ME-165W-40	0.107	59	6.313
125W_BXSP2-HO-HT-2ME-165W-40	0.112	9	1.008
125W_BXSP2-HO-HT-3ME-165W-40	0.125	557	69.625
125W_BXSP2-HO-HT-3ME-165W-40	0.107	6	0.642
125W_BXSP2-HO-HT-3ME-165W-40	0.112	14	1.568
143W_BXSP2-HO-HT-2ME-165W-40	0.143	7	1.001
143W_BXSP2-HO-HT-2ME-165W-40	0.107	6	0.642
143W_BXSP2-HO-HT-3ME-165W-40	0.143	23	3.289
143W_BXSP2-HO-HT-3ME-165W-40	0.112	11	1.232
151W_BXSP2-HO-HT-2ME-165W-40	0.151	10	1.51
151W_BXSP2-HO-HT-3ME-165W-40	0.151	15	2.265
160W_BXSP2-HO-HT-2ME-165W-40	0.16	123	19.68

	Summar	/ of Pro	oject #16119	4
--	--------	----------	--------------	---

Actual lost revenue based on kW billing						
Month	Billed amount (kW)	Gross kW reduction	Ratio	reduction		
Jan-18	a	b	c 90%	b * c		
Feb-18	575.75 139.13	-436.62	90%	-393.13		
Mar-18	139.13	-436.62	90%	-393.13		
Apr-18	139.13	-436.62	90%	-393.13		
May-18	139.13	-436.62	90%	-393.13		
Jun-18	139.13	-436.62	90%	-393.13		
Jul-18	139.13	-436.62	90%	-393.13		
Aug-18	139.13	-436.62	90%	-393.13		
Sep-18	139.13	-436.62	90%	-393.13		
Oct-18	139.13	-436.62	90%	-393.13		
Nov-18	139.13	-436.62	90%	-393.13		
Dec-18	139.13	-436.62	90%	-393.13		
Total	155.15	450.02	3070	-4324.42		

Total		4977	1592.45
Jenemer 111 J 255W	0.13		0.50
Sentinel HPS 150W	0.15	2	0.30
Cobrahead HPS 500W	0.4	1	0.50
Cobrahead HPS 400W	0.4	7	2.80
Cobranead HPS 400W	0.4	26	10.40
Cobrahead HPS 400W	0.4	16	6.40
Cobrahead HPS 400W	0.4	64	25.60
Cobranead HPS 400W	0.4	739 64	25.60
Cobranead HPS 400W	0.4	739	295.60
Cobranead HPS 400W	0.4	541	216.40
Cobranead HPS 400W	0.4	30	0.80
Cobranead HPS 400W	0.4	30	12.00
Cobranead HPS 400W	0.4	1/	0.40
Cobranead HPS 400W	0.4	17	6.80
Cobranead HPS 400W	0.4	9	3.60
Cobranead HPS 400W	0.4	391	1.60
Cobrahead HPS 400W Cobrahead HPS 400W	0.4	391	3.20 156.40
Cobrahead HPS 400W	0.4	218	87.20
Cobrahead HPS 400W	***		101.20
Cobrahead HPS 400W	0.4	156 253	62.40
Cobrahead HPS 250W	0.25	14	3.50
Cobrahead HPS 250W	0.25	73	18.25
Cobrahead HPS 250W	0.25	74	18.50
Cobrahead HPS 250W	0.25	18	4.50
Cobrahead HPS 250W	0.25	10	2.50
Cobrahead HPS 250W	0.25	48	12.00
Cobrahead HPS 250W	0.25	26	6.50
Cobrahead HPS 250W	0.25	4	1.00
Cobrahead HPS 250W	0.25	2	0.50
Cobrahead HPS 250W	0.25	82	20.50
Cobrahead HPS 250W	0.25	375	93.75
Cobrahead HPS 250W	0.25	10	2.50
Cobrahead HPS 250W	0.25	17	4.25
Cobrahead HPS 250W	0.25	14	3.50

Details of Project #161194

Pre-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
Cobra - HPS 70W	0.10	25	2.40
Cobra - HPS 100W	0.13	1	0.13
Cobra - HPS 150W	0.19	91	17.29
Cobra - HPS 250W	0.31	2	0.61
Cobra - HPS 70W	0.10	1	0.10
Cobra - HPS 150W	0.19	15	2.85
Cobra - HPS 250W	0.31	32	9.76
Cobra - HPS 70W	0.10	106	10.18
Cobra - HPS 100W	0.13	3	0.39
Cobra - HPS 150W	0.19	39	7.41
Cobra - HPS 250W	0.31	1	0.31
Cobra - HPS 150W	0.19	1	0.19
Cobra - HPS 250W	0.305	23	7.02
Cobra - HPS 150W	0.19	3	0.57
Cobra - HPS 250W	0.305	53	16.17
Cobra - HPS 70W	0.096	19	1.82
Cobra - HPS 100W	0.13	1	0.13
Cobra - HPS 150W	0.19	11	2.09
Cobra - HPS 70W	0.096	3	0.29
Cobra - HPS 150W	0.19	59	11.21
Cobra - HPS 250W	0.305	1	0.31
Cobra - HPS 70W	0.096	4	0.38
Cobra - HPS 150W	0.19	37	7.03
Cobra - HPS 70W	0.096	33	3.17
Cobra - HPS 100W	0.13	1	0.13
Cobra - HPS 150W	0.19	180	34.20
Cobra - HPS 250W	0.305	36	10.98
Cobra - HPS 70W	0.096	90	8.64
Cobra - HPS 150W	0.19	11	2.09
Cobra - HPS 250W	0.305	2	0.61
Cobra - HPS 70W	0.096	20	1.92

Post-conversion billing demand

	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d ₁	e 1	d 1 * e 1
33W_XSPSM D HT 2ME 5L 30K7 UL	0.033	25	0.825
33W_XSPSM D HT 2ME 5L 30K7 UL	0.033	1	0.033
33W_XSPSM D HT 2ME 5L 30K7 UL	0.033	91	3.003
33W_XSPSM D HT 2ME 5L 30K7 UL :	0.033	2	0.066
33W_XSPSM D HT 2ME 5L 40K7 UL	0.033	1	0.033
33W_XSPSM D HT 2ME 5L 40K7 UL	0.033	15	0.495
33W_XSPSM D HT 2ME 5L 40K7 UL	0.033	32	1.056
33W_XSPSM D HT 3ME 5L 30K7 UL	0.033	106	3.498
33W_XSPSM D HT 3ME 5L 30K7 UL	0.033	3	0.099
33W_XSPSM D HT 3ME 5L 30K7 UL	0.033	39	1.287
33W_XSPSM D HT 3ME 5L 30K7 UL	0.033	1	0.033
35W_XSPSM D HT 2ME 8L 40K7 UL	0.035	1	0.035
35W_XSPSM D HT 2ME 8L 40K7 UL	0.035	23	0.809
35W_XSPSM D HT 3ME 8L 40K7 UL 5	0.035	3	0.105
35W_XSPSM D HT 3ME 8L 40K7 UL 5	0.035	53	1.855
37W_XSPSM D HT 3ME 5L 40K7 UL	0.037	19	0.703
37W_XSPSM D HT 3ME 5L 40K7 UL	0.037	1	0.037
40W_XSPSM D HT 2ME 5L 30K7 UL	0.04	11	0.44
40W_XSPSM D HT 2ME 5L 40K7 UL	0.04	3	0.12
40W_XSPSM D HT 2ME 5L 40K7 UL	0.04	59	2.36
40W_XSPSM D HT 2ME 5L 40K7 UL	0.04	1	0.04
40W_XSPSM D HT 2ME 8L 30K7 UL	0.04	4	0.16
40W_XSPSM D HT 2ME 8L 30K7 UL	0.04	37	1.48
40W_XSPSM D HT 2ME 8L 40K7 UL	0.04	33	1.32
40W_XSPSM D HT 2ME 8L 40K7 UL	0.04	1	0.04
40W_XSPSM D HT 2ME 8L 40K7 UL	0.04	180	7.2
40W_XSPSM D HT 2ME 8L 40K7 UL	0.04	36	1.44
40W_XSPSM D HT 3ME 5L 40K7 UL	0.04	90	3.6
40W_XSPSM D HT 3ME 5L 40K7 UL	0.04	11	0.44
40W_XSPSM D HT 3ME 5L 40K7 UL :	0.04	2	0.08
40W_XSPSM D HT 3ME 8L 40K7 UL :	0.04	20	0.8

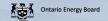
2W_BXSPR-HO-HT-2ME-60W-40K-	0.062	2	0.124
60W_BXSP2-HO-HT-3ME-165W-40	0.16	1	0.16
9W BXSP1-HO-HT-2ME-100W-40K	0.099	7	0.693
8W BXSP1-HO-HT-3ME-100W-40K	0.088	26	2.288
9W BXSP1-HO-HT-2ME-100W-40K	0.069	16	1.104
1W BXSP1-HO-HT-2ME-100W-40K	0.061	64	3.904
60W BXSP2-HO-HT-3ME-165W-40	0.107	64	6.848
60W BXSP2-HO-HT-3ME-165W-40	0.16	739	118.24
60W BXSP2-HO-HT-2ME-165W-40	0.16	541	86.56
51W BXSP2-HO-HT-3ME-165W-40	0.151	2	0.302
51W BXSP2-HO-HT-2ME-165W-40	0.151	30	4.53
43W BXSP2-HO-HT-3ME-165W-40	0.107	1	0.107
43W BXSP2-HO-HT-3ME-165W-40	0.143	17	2.431
43W BXSP2-HO-HT-2ME-165W-40	0.143	9	1.287
25W BXSP2-HO-HT-3ME-165W-40	0.123	4	0.428
25W BXSP2-HO-HT-3ME-165W-40	0.125	391	48.875
25W BXSP2-HO-HT-2ME-165W-40	0.107	8	0.856
25W BXSP2-HO-HT-2ME-165W-40	0.125	218	27.25
07W BXSP2-HO-HT-3ME-165W-40	0.107	253	27.071
07W BXSP2-HO-HT-2ME-165W-40	0.107	156	16.692
9W_BXSP1-HO-HT-3ME-100W-40K	0.099	14	1.386
9W BXSP1-HO-HT-2ME-100W-40K	0.088	74	7.227
8W_BXSP1-HO-HT-2ME-100W-40K	0.088	74	6.512
8W BXSP1-HO-HT-2ME-100W-40K	0.082	18	1.584
1W_BXSP1-HO-HT-3ME-100W-40K- 2W_BXSPR-HO-HT-2ME-60W-40K-	0.061	48 10	2.928
1W_BXSP1-HO-HT-2ME-100W-40K	0.061	26	1.586
60W_BXSP2-HO-HT-3ME-165W-40	0.143	4	0.572
60W_BXSP2-HO-HT-3ME-165W-40	0.112	2	0.224
60W_BXSP2-HO-HT-3ME-165W-40	0.107	82	8.774
60W_BXSP2-HO-HT-3ME-165W-40	0.16	375	60
60W_BXSP2-HO-HT-2ME-165W-40	0.143	10	1.43
60W_BXSP2-HO-HT-2ME-165W-40	0.107	17	1.819
60W_BXSP2-HO-HT-2ME-165W-40	0.107	14	1.498

0.305 0.46 0.19 0.305 0.19 0.305 0.46 0.096 0.19 0.305	81 19 16 2 6 1 10 59	24.71 0.46 3.61 4.88 0.38 1.83 0.44 0.99 11.21
0.46 0.19 0.305 0.19 0.305 0.46 0.096	1 19 16 2 6 1 10 59	0.46 3.63 4.88 0.38 1.83 0.46 0.96
0.46 0.19 0.305 0.19 0.305 0.46 0.096	1 19 16 2 6 1	0.46 3.61 4.88 0.38 1.83 0.46
0.46 0.19 0.305 0.19 0.305 0.46	1 19 16 2 6	0.46 3.61 4.88 0.38 1.83
0.46 0.19 0.305 0.19 0.305	1 19 16 2 6	0.46 3.61 4.88 0.38
0.46 0.19 0.305 0.19	1 19 16 2	0.46 3.61 4.88 0.38
0.46 0.19 0.305	1 19 16	0.46 3.61 4.88
0.46 0.19	1 19	0.4i 3.6:
0.46	1	0.46
0.305		24.7
0.19	165	31.3
0.096	19	1.82
0.46	1	0.40
0.305		1.5
0.19	6	1.14
0.096	4	0.38
0.305	5	1.5
0.19	36	6.8
0.19	14	2.60
0.305	27	8.2
0.19	7	1.3
0.096	23	2.2
0.13	4	0.5
0.305	8	2.4
0.19	90	17.10
0.13	13	1.6
0.096	1	0.1
0.096	2354	225.9
0.305	31	9.4
0.19	88	16.7
0.13	3	0.3
0.096	83	7.9
0.305	6	1.8
	0.096 0.13 0.19 0.305 0.096 0.096 0.13 0.19 0.305 0.19 0.305 0.19 0.305 0.19 0.305 0.19 0.305 0.096	0.305 6 0.096 83 0.13 3 0.19 88 0.305 31 0.096 1234 0.096 13 0.13 3 0.19 88 0.096 2354 0.096 27 0.19 90 0.305 8 0.13 4 0.096 27 0.19 7 0.305 27 0.19 36 0.19 36 0.19 5 0.19 14 0.19 36 0.305 5 0.305 5 0.305 5 0.305 5

Total		4187	139.13
54W_XSPSM D HT 3ME 8L 40K7 UL :	0.054	45	2.43
54W_XSPSM D HT 3ME 8L 40K7 UL :	0.054	59	3.186
54W_XSPSM D HT 3ME 8L 40K7 UL :	0.054	10	0.54
54W_XSPSM D HT 2ME 8L 40K7 UL :	0.054	1	0.054
54W_XSPSM D HT 2ME 8L 40K7 UL :	0.054	6	0.324
54W_XSPSM D HT 2ME 8L 40K7 UL :	0.054	2	0.108
54W_XSPMD D HT 3ME 12L 40K7 U	0.054	16	0.864
54W_XSPMD D HT 3ME 12L 40K7 U	0.054	19	1.026
49W_XSPSM D HT 3ME 8L 40K7 UL 5	0.049	1	0.049
49W XSPSM D HT 3ME 8L 40K7 UL:	0.049	81	3,969
49W XSPSM D HT 3ME 8L 40K7 UL:	0.049	165	8.085
49W XSPSM D HT 3ME 8L 40K7 UL :	0.049	19	0.931
49W XSPSM D HT 3ME 8L 30K7 UL :	0.049	1	0.049
49W XSPSM D HT 3ME 8L 30K7 UL :	0.049	5	0.245
49W XSPSM D HT 3ME 8L 30K7 UL :	0.049	6	0.294
49W XSPSM D HT 3ME 8L 30K7 UL :	0.049	4	0.196
49W XSPSM D HT 2ME 8L 40K7 UL :	0.049	5	0.245
49W XSPSM D HT 2ME 8L 40K7 UL :	0.049	36	1.764
47W XSPSM D HT 3ME 5L 30K7 UL :	0.047	14	0.658
47W XSPSM D HT 2ME 5L 40K7 UL	0.047	27	1.269
47W XSPSM D HT 2ME 5L 40K7 UL :	0.047	7	0.329
47W XSPSM D HT 2ME 5L 40K7 UL:	0.027	23	1.081
47W XSPSM D HT 2ME 5L 30K7 UL:	0.027	4	0.108
47W XSPSM D HT 2ME 5L 30K7 UL:	0.027	8	0.216
47W XSPSM D HT 2ME 5L 30K7 UL:	0.027	90	2.43
47W XSPSM D HT 2ME 5L 30K7 UL:	0.027	13	0.351
47W XSPSM D HT 2ME 5L 30K7 UL:	0.027	1	0.027
47W XSPSM D HT 2ME 5L 30K7 UL:	0.027	2354	63.558
44W XSPSM D HT 3ME 8L 40K7 UL:	0.044	31	1.364
44W XSPSM D HT 3ME 8L 40K7 UL :	0.044	88	3.872
44W XSPSM D HT 3ME 8L 40K7 UL:	0.044	3	0.132
44W XSPSM D HT 3ME 8L 40K7 UL :	0.044	83	3,652
40W_XSPSM D HT 3ME 8L 40K7 UL: 40W_XSPSM D HT 3ME 8L 40K7 UL:	0.04	50	0.24

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 37

ATTACHMENT 37 LRAMVA WORKFORM POWERSTREAM RZ



LRAMVA Work Form: Summary Tab

Version 5.0 (20)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

LDC Name

lectra - former PowerStrea

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

 Previous LRAMVA Application (EB#)
 EB-2019-0018

 Application of Previous LRAMVA Claim
 2020 IRM Application

 Period of LRAMVA Claimed in Previous Application
 2017

 Amount of LRAMVA Claimed in Previous Application
 \$ 2,989,718.84

B. Current LRAMVA Application

Current LRAMVA Application (EB#)

Application of Current LRAMVA Claim
Period of New LRAMVA in this Application
Period of Rate Recovery (# years)

EB-2020-0002 2021 IRM Application 2018

Actual Lost Revenues (\$)

A \$ 6,134,189

Forecast Lost Revenues (\$)

B \$ 2,192,243

Carrying Charges (\$)

C \$ 178,823

LRAMAVA (\$) for Acount 1568

AB+C \$ 4,120,870

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAM/N total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAM/N claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$1,768,091	\$80,253	\$1,848,343
GS<50 kW	kWh	\$407,056	\$18,476	\$425,532
3S>50 kW	kW	\$1,784,875	\$81,015	\$1,865,890
arge Use	kW	\$31,214	\$1,417	\$32,631
Inmetered Scattered Load	kWh	\$354	\$16	\$370
Sentinel Lighting	kW	\$733	\$33	\$766
Street Lighting	kW	-\$50,376	-\$2,287	-\$52,663
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$3,941,946	\$178.923	\$4,120,870

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

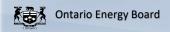
In column, Cof Table 1-b below, please neart a "best, mark to indicate he years in which I RAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any IRAMVA from priory part that has already been claimed and post included in the current IRAMVA disposition, with the acception of the case notice below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
		kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
2011 Actuals	la la	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	<u>'</u>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals	Te.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	· ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals	la la	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	· ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals	- La	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals	Ta	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals	To .	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals	la la	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals	1	\$2,096,799.47	\$895,542.25	\$2,901,970.55	\$31,214.19	\$353.81	\$732.81	\$207,575.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,134,188.90
2018 Forecast		(\$328,708.96)	(\$488,486.03)	(\$1,117,095.56)	\$0.00	\$0.00	\$0.00	(\$257,952.00)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$2,192,242.54)
Amount Cleared																

2019 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Carrying Charges		\$80,252.89	\$18,476.11	\$81,014.73	\$1,416.80	\$16.06	\$33.26	(\$2,286.55)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$178,923.30
Total LRAMVA Balance		\$1,848,343	\$425,532	\$1,865,890	\$32,631	\$370	\$766	-\$52,663	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,120,870
Note: LDC to make note of assumptions inclu	uded above, if any															



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Table 5-d. 2018 Lost Revenue	Alectra relied on the Participation and Cost Report (P/C) and true up any savings	There are additional CDM savings after the Participation and Cost report was published in April 2019 re
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.		•		



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legend

User Inputs (Green) Drop Down List (Blue) Auto Populated Cells (White) Instructions (Grey)

Table 2-a. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
		kWh	kWh	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	58,774,522	32,226,368	26,548,154												
kW	304,715			264157.479				40557.853							
						•							*	•	
Summary		32226368.16	26548153.55	264157.479	0	0	0	40557.853	0	0	0	0	0	0	0

Years Included in Threshold 0.5* 201X + 20XX + 0.5 * 20XX (if available) EB-2015-0003, Exhibit H, Tab 2; IR III-VECC-25 Source of Threshold

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
		kWh	kWh	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														4
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds
Please compilet Falls 2-below by selecting the appropriate LRAMVA threshold versi in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" opin. The LRAMVA threshold values in Table 2-c will be auto-populated in Table 2-c will auto-populated in Table 2-c will auto-populated from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" opin. The LRAMVA threshold values in Table 2-c will auto-populated from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" opin. The LRAMVA threshold values in Table 2-c will auto-populated from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" opin. The LRAMVA threshold values in Table 2-c will auto-populated from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" opin. The LRAMVA threshold values in Table 2-c will auto-populated from Tables 2-a and 2-b depending on the year selected.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
		kWh	kWh	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	2017	32,226,368	26,548,154	264,157	0	0	0	40,558	0	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2015-0003	EB-2017-0024	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)	1									4			
Period 2 (# months)	İ	12	12	12	12	12	12	12	12	8	12	12	12
Residential									\$ 0.0130	\$ 0.0088			
Rate rider for tax sharing	†								ψ 0.0100	ψ 0.0000			
Rate rider for foregone revenue	kWh												
Other	†												
Adjusted rate	i	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0130	\$ 0.0088	\$ -	\$ -	
Calendar year equivalent		•	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0130	\$ 0.0102	\$ -	\$ -	
GS<50 kW									\$ 0.0183	\$ 0.0185			
Rate rider for tax sharing	I												
Rate rider for foregone revenue	kWh												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0183	\$ 0.0185		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0183	\$ 0.0184	\$ -	\$ -	
GS>50 kW									\$ 4.2037	\$ 4.2415			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other	I												
Adjusted rate		\$ -	\$ -		\$ -	\$ -	\$ -		\$ 4.2037			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.2037	\$ 4.2289	\$ -	\$ -	
Large Use									\$ 2.2421	\$ 2.2623			
Rate rider for tax sharing	1									•			
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.2421			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.2421	\$ 2.2556	\$ -	\$ -	
Unmetered Scattered Load									\$ 0.0195	\$ 0.0197			
Rate rider for tax sharing]												
Rate rider for foregone revenue	kWh												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0195			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0195	\$ 0.0196	\$ -	\$ -	
Sentinel Lighting									\$ 9.8694	\$ 9.9582			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate Calendar year equivalent		\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ -	\$ - \$ -	\$ 9.8694 \$ 9.8694			\$ - \$ -	
	1												
Street Lighting	+								\$ 6.3222	\$ 6.3791			
Rate rider for tax sharing Rate rider for foregone revenue	kW												
Other	, KVV												
Adjusted rate	1	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$ 6.3222	\$ 6.3791	\$ -	\$ -	
Calendar year equivalent	I	φ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.3222			\$ -	l
0	1												
Rate rider for tax sharing	1												
Rate rider for foregone revenue	0												
Other	1												
Adjusted rate	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
/ tajactoa rato			s -	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	

-																							1
0																					1		
Rate rider for tax sharing	_																						
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																				1		
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			s		\$		S		\$		\$		\$		\$		s		\$		\$		1
Calcinal year equivalent			•		•		•		•		•		•		•		•		•		•		
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	s	-	\$	-	\$	-	\$	-	\$	-	S	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			Š		\$	-		-	\$		\$	-			\$	-		-			s	-	
Caloridat your oquivalent			•		*		•		•		•		•		*		•		•		•		
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	s	-	\$	-	s	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent		· ·	\$	-	\$	-	\$	-	\$	-	\$	-		-	\$	-	\$	-	\$	-	\$	-	
, ,																							
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																					1		
Adjusted rate		\$ -	S	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			Š	-	Š		S	-	\$		\$	-	S		\$	-	S	-	\$		s	-	1
			•		•		*		*		*		*		•		*		*		•		
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$		
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	1
, ,																							

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							
	kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0102	\$0.0184	\$4.2289	\$2.2556	\$0.0196	\$9.9286	\$6.3601	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	16 411				***									

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



LRAMVA Work Form: Determination of Rate Class Allocations

Version 5.0 (2021)

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

The IESO performs evaluations for all of its programs, which includes examining gross energy savings from the programs and the net-to-gross ratio ("NTGR"). From these evaluations the IESO calculates net energy savings by initiative within a program group (residential, business, industrial and low income). Peak load savings are also calculated, and reported by initiative within a program group. For initiatives implemented under the Residential and Low Income Programs, 100% of CDM savings were attributed to the Residential Rate Class. For initiatives implemented under the Commercial and Industrial programs that apply to more than one rate class, the savings were estimated by rate class, based on participant-specific information, where available.



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Legend

Instructions

User Inputs (Green)

Auto Populated Cells (White) Instructions (Grey)

LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to 2012 programs that were reported by the control of the control of the program year it related to 2012 programs that were reported by the control of the control of the program year of the control of the programs of the control of the programs of the control of the programs

Tables

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form

		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	cations for LRA	MVA						
Program	Results Status	2011	2011	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Consumer Program		.,		kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Actual CDM Savings in 2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011				\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
2011 Savings Persisting in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014 2011 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015 2011 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2018				ō	ō	ō	0	0	ō	0	Ó	0	0	0	0	0	ō	
2011 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form	1	Return to top																
		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	cations for LRA	MVA						
Program	Results Status	2012	2012	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Consumer Program	_		,	kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	,
Actual CDM Savings in 2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2012 Savings Persisting in 2013 2012 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 4-c. 2013 Lost Revenues Work Form	1	Return to top																
		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	cations for LRA	MVA						
Program	Results Status	2013	2013	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Consumer Program				kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Actual CDM Savings in 2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2013 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

	Results	Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloc	ations for LRA	MVA						
Program	Status	2014	2014	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Consumer Program		,	,	kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Actual CDM Savings in 2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019 2014 Savings Persisting in 2020				0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work form spayly to LDCs that need to recover lost revenues from the 2015-2020

2. Please ensure that the LESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 3. The work forms below include the monthly multipliers for most programs in order to claim consistent with the monthly multipliers indicated in demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in claim of the consistent with the monthly multipliers indicated in claim of the consistency of t

The persistence or induse savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the

Table 5-a. 2015 Lost Revenues
Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues Table 5-e. 2019 Lost Revenues Table 5-f. 2020 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloc	ations for LRAM	IVA						
Program	Results Status	2015	2015	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Legacy Framework				kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Actual CDM Savings in 2015		99,706,929	15,543	18,677,311	11,963,081	111,870	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2019 programs Lost Revenue in 2015 from 2016 programs Total Lost Revenue in 2015 from 2015 Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenue in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenues in 2015 Lost Revenue in 2015				\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00							
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020				18,604,916 18,600,366 18,595,294 18,426,148 18,331,323	10,939,048 11,603,337 11,667,395 11,242,238 11,239,137	111,976 112,027 111,127 108,250 100,954	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	

ble 5-b. 2016 Lost Revenues Work Form		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloc	ations for LRAM	VA						
Program	Results Status	2016	2016	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Tot
gacy Framework		,	,	kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
ctual CDM Savings in 2016		136,593,839	22,206	55,457,287	11,090,992	131,990	0	0	0	0	0	0	0	0	0	0	0	
orecast CDM Savings in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
istribution Rate in 2016 set Revenue in 2016 from 2011 programs set Revenue in 2016 from 2012 programs set Revenue in 2016 from 2012 programs set Revenue in 2016 from 2019 programs set Revenue in 2016 from 2014 programs set Revenue in 2016 from 2015 programs set Revenue in 2016 from 2016 programs orat Loss Revenues in 2016 romocast Lost Revenues in 2016 RAMVA in 2016				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. \$0. \$0. \$0. \$0. \$0. \$0.
016 Savings Persisting in 2017 016 Savings Persisting in 2018 016 Savings Persisting in 2019				44,037,972 44,037,972 40,014,022	11,113,996 11,118,297 8,960,634	131,343 131,129 104,499	0 0 0											

Table 5-c. 2017 Lost Revenues Work Form		Return to top																
		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloc	ations for LRA	MVA						
Program	Results Status	2017	2017	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Legacy Framework	_			kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Actual CDM Savings in 2017		228,763,057	36,244	107,068,395	16,202,239	232,780	1,547	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Total Lost Revenues in 2017 Lost Revenues in 2017 Lost Revenues in 2017 LRAMVA in 2017				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020				90,353,387 0 0	16,334,205 0 0	236,606 0 0	1,584 0 0	0 0 0										

key assumptions included above

Note: LDC to make note of key assumptions incl	adea above																	
Table 5-d. 2018 Lost Revenues Work For	m	Return to top Net Energy	Net Demand							Rate Alloca	ations for LRAM	/Δ						
Program	Results Status	Savings (kWh)	Savings (kW)	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Alono for Eroan							Total
Legacy Framework Residential Program		<u> </u>		kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Coupon Initiative Adjustment to 2018 savings	P/C Report Post P/C Report	0 47,246	3	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Enerav Audit Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentiv Initiative Adjustment to 2018 savings	P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation	P/C Report																	0%
Adjustment to 2018 savings Existing Building Commissioning Incentive	Post P/C Report P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
Industrial Program	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - 2 Monitoring and Targeting Initiative	P/C Report																	0%
Adjustment to 2018 savings	Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 5 Aboriginal Conservation Program Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Program Enabled Savings Adjustment to 2018 savings	P/C Report Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

	Conservation Fund Pilots																	1
<u>17</u>	Conservation Fund Pilot - EnerNOC Adjustment to 2018 savings	P/C Report Post P/C Report	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18	Loblaws Pilot Adjustment to 2018 savings	P/C Report Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>19</u>	Conservation Fund Pilot - SEG Adjustment to 2018 savings	P/C Report Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>20</u>	Social Benchmarking Pliot Adjustment to 2018 savings	P/C Report Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>21</u>	Conservation First Framework Residential Province-Wide Programs Save on Energy Instant Discount Program Adjustment to 2018 savings	P/C Report Post P/C Repor	t 14,839,116 1,277 t 0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22	Save on Energy Heating and Cooling Program	P/C Report	3,630,431 1,835	100.00%														100%
23	Adjustment to 2018 savings Save on Energy New Construction Program	Post P/C Report	776,525 149	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23	Adjustment to 2018 savings	Post P/C Repor		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
24	Save on Energy Home Assistance Program	P/C Report	159,460 20	100.00%														100%
	Adjustment to 2018 savings Non-Residential Province-Wide Programs	Post P/C Repor	t 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Save on Energy Audit Funding Program Adjustment to 2018 savings	P/C Report Post P/C Repor	940,664 42 t 1,999,351 89	0.00%	6.67% 6.67%	93.33% 93.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>26</u>	Save on Energy Retrofit Program Adjustment to 2018 savings	P/C Report Post P/C Repor	21,669,165 3,589 t 15,296,437 2,534	0.00%	3.09% 3.09%	97.21% 97.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>27</u>	Save on Energy Small Business Lighting Program Adjustment to 2018 savings	P/C Report Post P/C Repor	1,688,567 316 t 347,307 65	0.00%	1.68%	98.50% 98.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28	Save on Energy High Performance New	P/C Report	5,384,851 1,242	1	0.01%	65.92%	34.00%	0.00%	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.50%	0.00%	0.00%	100%
	Construction Program Adjustment to 2018 savings	Post P/C Repor		0.00%	0.01%	65.92%	34.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10070
29	Save on Energy Retrofit Program - Streetlighting Project Adjustment to 2018 savings	P/C Report Post P/C Repor	0 0 t 531,594 2,720	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
30	Save on Energy Process & Systems Upgrades Program	P/C Report	120,798 0															0%
	Adjustment to 2018 savings	Post P/C Repor		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Retrofit Program - P4P Adjustment to 2018 savings	P/C Report Post P/C Repor	6,251,924 1,157 t 46,353,628 8,576	0.00%	14.95% 14.95%	84.37% 84.37%	0.00%	0.03% 0.03%	0.06% 0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99%
32	Save on Energy Energy Manager Program Adjustment to 2018 savings	P/C Report Post P/C Repor	8,320,175 588 t 0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
33	Local & Regional Programs Business Refrigeration Local Program	P/C Report	829,756 83	1	37.49%	61.18%												99%
	Adjustment to 2018 savings Smart Thermostat Program	Post P/C Report	398.277 0	0.00%	37.49%	61.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
35	Adjustment to 2018 savings Social Benchmarking Local Program	Post P/C Report	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Adjustment to 2018 savings Pilot Programs	Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>36</u>	Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2018 savings	P/C Report Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
37	EnWin Utilities Ltd Building Optimization	P/C Report																0%
38	Adjustment to 2018 savings EnWin Utilities Ltd Re-Invest Pilot	Post P/C Report		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Adjustment to 2018 savings Horizon Utilities Corporation - ECM Furnace	Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Motor Pilot Adjustment to 2018 savings	P/C Report Post P/C Report	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40	Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2018 savings	P/C Report Post P/C Report	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	P/C Report																0%
	Adjustment to 2018 savings	Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	P/C Report																0%
	Adjustment to 2018 savings	Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2018 savings	P/C Report Post P/C Repor	t	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	-			_														

44 E	liagara-on-the-Lake Hydro Inc Direct Install nergy Efficiency Measures for the gricultural Sector	P/C Report																	0%
Α	djustment to 2018 savings	Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	akville Hydro Electricity Distribution Inc	P/C Report																	0%
ID.	rirect Install - Hvdronic djustment to 2018 savings	Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	takville Hydro Electricity Distribution Inc	P/C Report			1														0%
	irect Install - RTU Controls djustment to 2018 savings	Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47 S	ocial Benchmarking Program - Simple	P/C Report	0	0	100.00%														100%
	nergy djustment to 2018 savings	Post P/C Report	3,085,423	493	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	.0070
	ocial Benchmarking Program - OPower	P/C Report	0	0	100.00%														100%
A	djustment to 2018 savings	Post P/C Report	29,380,302	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49 L	oronto Hydro-Electric System Limited - PFP - arge (Pilot Savings)	P/C Report																	0%
Α	djustment to 2018 savings	Post P/C Report			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Α	ctual CDM Savings in 2018		170,343,557	26,674	52,581,922	9,550,878	207,363	12,254	18,052	74	32,637	0	0	0	0	0	0	0	
=									0			•	0	0	0				
r	orecast CDM Savings in 2018				32,226,368	26,548,154	264,157	0	U	0	40,558	U		U	U	0	0	0	
D	istribution Rate in 2018				\$0.01020	\$0.01840	\$4.22890	\$2.25560	\$0.01960	\$9.92860	\$6.36010	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	60.00
D	istribution Rate in 2018 ost Revenue in 2018 from 2011 programs				\$0.01020 \$0.00	\$0.01840 \$0.00	\$4.22890 \$0.00	\$2.25560 \$0.00	\$0.01960 \$0.00	\$9.92860 \$0.00	\$6.36010 \$0.00	\$0.00	\$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00	\$0.00000 \$0.00	\$0.00
D Li	istribution Rate in 2018 ost Revenue in 2018 from 2011 programs ost Revenue in 2018 from 2012 programs				\$0.01020 \$0.00 \$0.00	\$0.01840 \$0.00 \$0.00	\$4.22890 \$0.00 \$0.00	\$2.25560 \$0.00 \$0.00	\$0.01960 \$0.00 \$0.00	\$9.92860 \$0.00 \$0.00	\$6.36010 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00
D Li	istribution Rate in 2018 ost Revenue in 2018 from 2011 programs ost Revenue in 2018 from 2012 programs ost Revenue in 2018 from 2013 programs				\$0.01020 \$0.00 \$0.00 \$0.00	\$0.01840 \$0.00	\$4.22890 \$0.00	\$2.25560 \$0.00 \$0.00 \$0.00	\$0.01960 \$0.00 \$0.00 \$0.00	\$9.92860 \$0.00 \$0.00 \$0.00	\$6.36010 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
D Li Li	istribution Rate in 2018 ost Revenue in 2018 from 2011 programs ost Revenue in 2018 from 2012 programs				\$0.01020 \$0.00 \$0.00	\$0.01840 \$0.00 \$0.00 \$0.00	\$4.22890 \$0.00 \$0.00 \$0.00	\$2.25560 \$0.00 \$0.00	\$0.01960 \$0.00 \$0.00	\$9.92860 \$0.00 \$0.00	\$6.36010 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00
D Li Li Li Li	istribution Rate in 2018 ost Revenue in 2018 from 2011 programs ost Revenue in 2018 from 2012 programs ost Revenue in 2018 from 2013 programs ost Revenue in 2018 from 2014 programs ost Revenue in 2018 from 2015 programs ost Revenue in 2018 from 2015 programs ost Revenue in 2018 from 2015 programs				\$0.01020 \$0.00 \$0.00 \$0.00 \$0.00 \$189,672.00 \$449,187.32	\$0.01840 \$0.00 \$0.00 \$0.00 \$0.00	\$4.22890 \$0.00 \$0.00 \$0.00 \$0.00 \$469,943.08 \$554,530.43	\$2.25560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$9.92860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$6.36010 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$874,295.14 \$1,208,294.40
D 1:1	istribution Rate in 2018 ost Revenue in 2018 from 2011 programs ost Revenue in 2018 from 2011 programs ost Revenue in 2018 from 2013 programs ost Revenue in 2018 from 2014 programs ost Revenue in 2018 from 2014 programs ost Revenue in 2018 from 2015 programs ost Revenue in 2018 from 2016 programs ost Revenue in 2018 from 2017 programs ost Revenue in 2018 from 2017 programs				\$0.01020 \$0.00 \$0.00 \$0.00 \$0.00 \$189,672.00 \$449,187.32 \$921,604.55	\$0.01840 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$214,680.06 \$204,576.66 \$300,549.38	\$4.22890 \$0.00 \$0.00 \$0.00 \$0.00 \$469,943.08 \$554,530.43 \$1,000,581.67	\$2,25560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3,573.84	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$9.92860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$6.36010 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$874,295.14 \$1,208,294.40 \$2,226,309.43
D 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	istribution Rate in 2018 sost Revenue in 2018 from 2011 programs sost Revenue in 2018 from 2012 programs sost Revenue in 2018 from 2013 programs sost Revenue in 2018 from 2013 programs sost Revenue in 2018 from 2015 programs sost Revenue in 2018 from 2015 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2017 programs sost Revenue in 2018 from 2018 programs				\$0.01020 \$0.00 \$0.00 \$0.00 \$0.00 \$189,672.00 \$449,187.32 \$921,604.55 \$536,335.61	\$0.01840 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$214,680.06 \$204,576.66 \$300,549.38 \$175,736.15	\$4.22890 \$0.00 \$0.00 \$0.00 \$0.00 \$469,943.08 \$554,530.43 \$1,000,581.67 \$876,915.37	\$2,25560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3,573.84 \$27,640.35	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.00 \$53.81	\$9.92860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$732.81	\$6.36010 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$874,295.14 \$1,208,294.40 \$2,226,309.43 \$1,825,289.93
D Li Li Li Li Li Li T	istribution Rate in 2018 cost Revenue in 2018 from 2011 programs cost Revenue in 2018 from 2012 programs cost Revenue in 2018 from 2013 programs cost Revenue in 2018 from 2013 programs cost Revenue in 2018 from 2015 programs cost Revenue in 2018 from 2015 programs cost Revenue in 2018 from 2015 programs cost Revenue in 2018 from 2017 programs cost Revenue in 2018 from 2017 programs cost Revenue in 2018 from 2017 programs cost Revenue in 2018 from 2017 programs cost Lost Revenue in 2018 from 2017 programs cost Lost Revenue in 2018 from 2017 programs cost Lost Revenue in 2018 programs				\$0.01020 \$0.00 \$0.00 \$0.00 \$0.00 \$189,672.00 \$449,187.32 \$921,604.55 \$536,335.61 \$2,096,799.47	\$0.01840 \$0.00 \$0.00 \$0.00 \$0.00 \$204,576,66 \$300,549,38 \$175,736,15 \$895,542,25	\$4.22890 \$0.00 \$0.00 \$0.00 \$0.00 \$469,943.08 \$554,530.43 \$1,000,581.67 \$876,915.37 \$2,901,970.55	\$2,25560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3,573.84 \$27,640.35 \$31,214.19	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3.53.81	\$9.92860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$732.81	\$6.36010 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$207,575.83	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$874,295.14 \$1,208,294.40 \$2,226,309.43 \$1,825,289.93 \$6,134,188.90
D	istribution Rate in 2018 sost Revenue in 2018 from 2011 programs sost Revenue in 2018 from 2012 programs sost Revenue in 2018 from 2013 programs sost Revenue in 2018 from 2013 programs sost Revenue in 2018 from 2015 programs sost Revenue in 2018 from 2015 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2017 programs sost Revenue in 2018 from 2018 programs				\$0.01020 \$0.00 \$0.00 \$0.00 \$0.00 \$189,672.00 \$449,187.32 \$921,604.55 \$536,335.61	\$0.01840 \$0.00 \$0.00 \$0.00 \$0.00 \$204,576,66 \$300,549,38 \$175,736,15 \$895,542,25	\$4.22890 \$0.00 \$0.00 \$0.00 \$0.00 \$469,943.08 \$554,530.43 \$1,000,581.67 \$876,915.37	\$2,25560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3,573.84 \$27,640.35	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.00 \$53.81	\$9.92860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$732.81	\$6.36010 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$874,295.14 \$1,208,294.40 \$2,226,309.43 \$1,825,289.93
D Lu Lu Lu Lu Lu Lu Lu Lu Lu Lu Lu Lu Lu	istribution Rate in 2018 sost Revenue in 2018 from 2011 programs sost Revenue in 2018 from 2012 programs sost Revenue in 2018 from 2013 programs sost Revenue in 2018 from 2013 programs sost Revenue in 2018 from 2014 programs sost Revenue in 2018 from 2015 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2016 programs sost Revenue in 2018 from 2018 programs sotal Loss Revenues in 2018 orccast Lost Revenues in 2018				\$0.01020 \$0.00 \$0.00 \$0.00 \$0.00 \$189,672.00 \$449,187.32 \$921,604.55 \$536,335.61 \$2,096,799.47	\$0.01840 \$0.00 \$0.00 \$0.00 \$0.00 \$204,576,66 \$300,549,38 \$175,736,15 \$895,542,25	\$4.22890 \$0.00 \$0.00 \$0.00 \$0.00 \$469,943.08 \$554,530.43 \$1,000,581.67 \$876,915.37 \$2,901,970.55	\$2,25560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3,573.84 \$27,640.35 \$31,214.19	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3.53.81	\$9.92860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$732.81	\$6.36010 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$207,575.83	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$874,295.14 \$1,208,294.40 \$2,226,309.43 \$1,825,289.93 \$6,134,188.90 \$2,192,242.54

Note: Alectra relied on the Participation and Cost Report (P/C) and true up any savings subsequent to P/C report based on the CDM listing on closed/paid projects

Та	ble 5-e. 2019 Lost Revenues Work Form		Return to top																
			Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloca	ations for LRAM	/A						
	Program	Results Status	2019	2019	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Re	gacy Framework sidential Program upon Initiative	Verified			kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	0%
	justment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Bi- Ad	Annual Retailer Event Initiative justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
3 Ap Ad	pliance Retirement Initiative justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	AC Incentives Initiative justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	sidential New Construction and Major justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
6 En	mmercial & Institutional Program ergy Audit Initiative	Verified																	0%
	justment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
- Init	iciency: Equipment Replacement Incentive iative justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
º Init	ect Install Lighting and Water Heating iative	Verified																	0%
	justment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Init	w Construction and Major Renovation iative justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Inii	isting Building Commissioning Incentive iative justment to 2019 savings	Verified			0.00%	0.000/	0.000	0.000/	0.00%	0.000	0.00%	0.000	0.00%	0.000	0.000	0.000	0.00%	0.00%	0%
Inc	lustrial Program	True-up			U.UU%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pro	ocess and Systems Upgrades Initiatives - olect Incentive Initiative justment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	ocess and Systems Upgrades Initiatives - initoring and Targeting Initiative	Verified																	0%
Ad	justment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	ocess and Systems Upgrades Initiatives -	Verified																	0%
	justment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

	l																
14	Low Income Program Low Income Initiative	Verified															0%
	Adjustment to 2019 savings Other	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Aboriginal Conservation Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>16</u>	Program Enabled Savings Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>17</u>	Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18	Loblaws Pilot Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19	Conservation Fund Pilot - SEG	Verified															0%
20	Adjustment to 2019 savings Social Benchmarking Pliot	True-up Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Adjustment to 2019 savings Conservation First Framework	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>21</u>	Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22	Save on Energy Heating and Cooling Program	Verified															0%
	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified															0%
	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Non-Residential Province-Wide Programs																
	Save on Energy Audit Funding Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26	Save on Energy Retrofit Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>27</u>	Save on Energy Small Business Lighting Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28	Save on Energy High Performance New Construction Program	Verified															0%
	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30	Save on Energy Process & Systems Upgrades Program	Verified															0%
	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>31</u>	Save on Energy Monitoring & Targeting Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32	Save on Energy Energy Manager Program	Verified															0%
<u>52</u>	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
33	Local & Regional Programs Business Refrigeration Local Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34	First Nation Conservation Local Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35	Social Benchmarking Local Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
36	Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot	Verified															0%
	Program - Conservation Fund Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>37</u>		Verified	0.000	0.000	0.000	0.000	0.00%	0.000	0.000	0.0007	0.000	0.000	0.00%	0.000	0.000	0.000	0%
38	Adjustment to 2019 savings EnWin Utilities Ltd Re-Invest Pilot	True-up Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0%
	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified															0%
	Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Toronto Hydro-Electric System Limited - Direct			0.00%	0.0076	0.0070	0.0070	0.0076	0.0070	0.0076	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
47	Install - Hydronic (Pilot Savings) Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified																0%
	Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2019		0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Forecast CDM Savings in 2019			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Distribution Rate in 2019 Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs			\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00
	Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
	Lost Revenue in 2019 from 2015 programs			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Lost Revenue in 2019 from 2016 programs			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Lost Revenue in 2019 from 2017 programs			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2019 programs			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
	Total Lost Revenues in 2019 programs			\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Forecast Lost Revenues in 2019			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	LRAMVA in 2019																	\$0.00
	2019 Savings Persisting in 2020			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Note: LDC to make note of key assumptions included																	

		Net Energy	Net Demand								ations for LRAM							
		Savings (kWh)	Savings (kW)							Rate Alloc	ations for LRAM	VA						
Program	Results Status	2020	2020	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
egacy Framework				kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
Actual CDM Savings in 2020		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
orecast CDM Savings in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2020				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
ost Revenue in 2020 from 2011 programs ost Revenue in 2020 from 2012 programs				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
ost Revenue in 2020 from 2012 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2014 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2015 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2016 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2017 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2018 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2019 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2020 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2020				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2020 LRAMVA in 2020				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Return to top



LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

Legend

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

Instructions

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
- 2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
- 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Table 6. Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q4	1.47%	Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2012 Q1	1.47%	May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2012 Q2 2012 Q3	1.47%	Jun-11 Jul-11	2011	Q2 Q3	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2012 Q3 2012 Q4	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-
2012 Q4 2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q2	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q3	1.47%	Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q4	1.47%	Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2014 Q1	1.47%	Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ξ
2014 Q2	1.47%	Amount Cleared											
2014 Q3	1.47%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2014 Q4	1.47%	Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q1 2015 Q2	1.47%	Feb-12 Mar-12	2011-2012 2011-2012	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2015 Q2 2015 Q3	1.10%	Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q3	1.10%	May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2016 Q1	1.10%	Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2016 Q2	1.10%	Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2016 Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2016 Q4	1.10%	Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2017 Q1	1.10%	Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2017 Q2 2017 Q3	1.10%	Nov-12 Dec-12	2011-2012	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2017 Q3 2017 Q4	1.50%	Total for 2012	2011-2012	Ų4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2017 Q4 2018 Q1	1.50%	Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-
2018 Q1 2018 Q2	1.89%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-
2018 Q3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Τ
2019 Q2	2.18%	Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ξ
2019 Q3	2.18%	May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2019 Q4	2.18%	Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 Q1	2.18%	Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q2	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q3 2020 Q4	0.57% 0.57%	Sep-13 Oct-13	2011-2013	Q3 Q4	0.12%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2020 Q4 2021 Q1	0.07 70	Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q1		Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q3		Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q4		Amount Cleared											
2022 Q1		Opening Balan	ce for 2014			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ξ
2022 Q2		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2022 Q3		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2022 Q4		Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q2 2023 Q3		May-14 Jun-14	2011-2014	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2023 Q3 2023 Q4		Jun-14 Jul-14	2011-2014 2011-2014	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q4 2024 Q1		Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q1 2024 Q2		Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q2		Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q4		Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2025 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ξ
2025 Q2		Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2025 Q3		Amount Cleared											
2025 Q4		Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
		Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11 Apr-11	2011	Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Oct-11 Nov-11	2011	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																		
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12 Feb-12	2011-2012	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00
Aug-12 Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared Opening Balance				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13 Jul-13	2011-2013	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13 Total for 2013	2011-2013	Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Apr-14 May-14	2011-2014	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14 Nov-14	2011-2014	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Dec-14	2011-2014	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014	22112014		2.7270	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																		
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$U.UU	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

A 45 0044 0045	Q2	0.000/	\$0.00	60.00	60.00	60.00	60.00	60.00	60.00	***	\$0.00	60.00	\$0.00	\$0.00	\$0.00	60.00	***
Apr-15 2011-2015 May-15 2011-2015	Q2	0.09%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Jun-15 2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15 2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15 2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15 2011-2015 Oct-15 2011-2015	Q3 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Nov-15 2011-2015	Q4 Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-15 2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Opening Balance for 2016	01	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Feb-16 2011-2016	01	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-16 2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-16 2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-16 2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-16 2011-2016 Jul-16 2011-2016	Q2 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-16 2011-2016	Q3 Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-16 2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2016 Amount Cleared			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balance for 2017			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-17 2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-17 2011-2017 Jun-17 2011-2017	Q2 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Jul-17 2011-2017	Q2 Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-17 2011-2017 Nov-17 2011-2017	Q4	0.13%	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00
Nov-17 2011-2017 Dec-17 2011-2017	Q4 Q4	0.13%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Total for 2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Opening Balance for 2018			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18 2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18 2011-2018 Mar-18 2011-2018	Q1 Q1	0.13% 0.13%	\$184.18 \$368.35	\$42.40 \$84.80	\$185.92 \$371.85	\$3.25 \$6.50	\$0.04 \$0.07	\$0.08 \$0.15	-\$5.25 -\$10.50	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$410.62 \$821.24
Mar-18 2011-2018 Apr-18 2011-2018	Q2	0.15%	\$308.35	\$160.28	\$702.79	\$12.29	\$0.07	\$0.15	-\$10.50 -\$19.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,552.14
May-18 2011-2018	Q2	0.16%	\$928.25	\$213.70	\$937.06	\$16.39	\$0.19	\$0.38	-\$26.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.069.52
Jun-18 2011-2018	Q2	0.16%	\$1,160.31	\$267.13	\$1,171.32	\$20.48	\$0.23	\$0.48	-\$33.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,586.90
Jul-18 2011-2018	Q3	0.16%	\$1,392.37	\$320.56	\$1,405.59	\$24.58	\$0.28	\$0.58	-\$39.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,104.28
Aug-18 2011-2018 Sep-18 2011-2018	Q3 Q3	0.16%	\$1,624.43 \$1,856.50	\$373.98 \$427.41	\$1,639.85 \$1,874.12	\$28.68 \$32.77	\$0.33 \$0.37	\$0.67 \$0.77	-\$46.28 -\$52.89	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$3,621.66 \$4,139.04
Oct-18 2011-2018	Q3 Q4	0.16%	\$1,856.50	\$427.41	\$1,874.12	\$32.77	\$0.37	\$0.77	-\$52.89 -\$68.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	40.00	\$5,346,26
Nov-18 2011-2018	Q4	0.18%	\$2,664.41	\$613.41	\$2,689.71	\$47.04	\$0.53	\$1.10	-\$75.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$5,940.29
Dec-18 2011-2018	Q4	0.18%	\$2,930.86	\$674.75	\$2,958.68	\$51.74	\$0.59	\$1.21	-\$83.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,534.32
Total for 2018			\$16,203.81	\$3,730.50	\$16,357.64	\$286.07	\$3.24	\$6.72	-\$461.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36,126.30
Amount Cleared			\$16.203.81	\$3,730,50	\$16.357.64	\$286.07	\$3,24	\$6.72	-\$461.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.126.30
Opening Balance for 2019 Jan-19 2011-2019	Q1	0.20%	\$16,203.81 \$3,609.85	\$3,730.50 \$831.07	\$16,357.64 \$3,644.12	\$286.07 \$63.73	\$3.24 \$0.72	\$6.72 \$1.50	-\$461.68 -\$102.85	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$8,048.14
Feb-19 2011-2019	Q1	0.20%	\$3,609.85	\$831.07	\$3,644.12	\$63.73	\$0.72	\$1.50	-\$102.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,048.14
Mar-19 2011-2019	Q1	0.20%	\$3,609.85	\$831.07	\$3,644.12	\$63.73	\$0.72	\$1.50	-\$102.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,048.14
Apr-19 2011-2019	Q2	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
May-19 2011-2019 Jun-19 2011-2019	Q2 Q2	0.18%	\$3,212.03 \$3.212.03	\$739.49 \$739.49	\$3,242.52 \$3,242.52	\$56.71 \$56.71	\$0.64 \$0.64	\$1.33 \$1.33	-\$91.52 -\$91.52	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00		\$7,161.20 \$7,161.20
Jun-19 2011-2019 Jul-19 2011-2019	Q2 Q3	0.18%	\$3,212.03	\$739.49 \$739.49	\$3,242.52 \$3,242.52	\$56.71 \$56.71	\$0.64	\$1.33 \$1.33	-\$91.52 -\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
Aug-19 2011-2019	Q3	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,161.20
Sep-19 2011-2019	Q3	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,161.20
Oct-19 2011-2019	Q4	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
Nov-19 2011-2019	Q4 Q4	0.18%	\$3,212.03	\$739.49 \$739.49	\$3,242.52	\$56.71 \$56.71	\$0.64 \$0.64	\$1.33 \$1.33	-\$91.52	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$7,161.20
Dec-19 2011-2019 Total for 2019	Ų4	U.15%	\$3,212.03 \$55,941.65	\$12,879.09	\$3,242.52 \$56,472.70	\$56.71 \$987.60	\$0.64 \$11.19	\$1.33 \$23.19	-\$91.52 - \$1,593.88	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00		\$7,161.20 124,721.54
Amount Cleared				7.2,270.00	,	,,,,,,	7.1.13	Q20.13	.,	40.00	- - - - - - - - - -	\$5.50	40.00	\$0.03			,. 21.04
Opening Balance for 2020			\$55,941.65	\$12,879.09	\$56,472.70	\$987.60	\$11.19	\$23.19	-\$1,593.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		124,721.54
Jan-20 2011-2020	Q1	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
Feb-20 2011-2020	Q1	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
Mar-20 2011-2020 Apr-20 2011-2020	Q1 Q2	0.18%	\$3,212.03 \$3.212.03	\$739.49 \$739.49	\$3,242.52 \$3,242.52	\$56.71 \$56.71	\$0.64 \$0.64	\$1.33 \$1.33	-\$91.52 -\$91.52	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$7,161.20 \$7,161.20
May-20 2011-2020	Q2	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52 -\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
Jun-20 2011-2020	Q2	0.18%	\$3,212.03	\$739.49	\$3,242.52	\$56.71	\$0.64	\$1.33	-\$91.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,161.20
Jul-20 2011-2020	Q3	0.05%	\$839.84	\$193.35	\$847.82	\$14.83	\$0.17	\$0.35	-\$23.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,872.42
Aug-20 2011-2020	Q3	0.05%	\$839.84	\$193.35	\$847.82	\$14.83	\$0.17	\$0.35	-\$23.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,872.42
Sep-20 2011-2020 Oct-20 2011-2020	Q3 Q4	0.05%	\$839.84 \$839.84	\$193.35 \$193.35	\$847.82 \$847.82	\$14.83 \$14.83	\$0.17 \$0.17	\$0.35 \$0.35	-\$23.93 -\$23.93	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$1,872.42 \$1,872.42
Nov-20 2011-2020	Q4 Q4	0.05%	\$839.84	\$193.35	\$847.82	\$14.83	\$0.17	\$0.35	-\$23.93 -\$23.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,872.42
	Q4	0.05%	\$839.84	\$193.35	\$847.82	\$14.83	\$0.17	\$0.35	-\$23.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$1,872.42
Dec-20 2011-2020																	
Total for 2020			\$80,252.89	\$18,476.11	\$81,014.73	\$1,416.80	\$16.06	\$33.26	-\$2,286.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$1	178,923.30
Total for 2020 Amount Cleared																	
Total for 2020			\$80,252.89 \$80,252.89	\$18,476.11 \$18,476.11	\$81,014.73 \$81,014.73	\$1,416.80 \$1,416.80	\$16.06 \$16.06	\$33.26 \$33.26	-\$2,286.55 -\$2,286.55	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00		178,923.30

Supporting Documentatio LDC Persistence Savings Results f

Legend	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grev)

Instructions (Steps)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B
- 2. Please identify the source of the report via the dropdown list in Column I.
- 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking
- 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an
- 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below mate

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	#1					#3	#2	#4	#1
Portfolio	Program	Initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of Report	•	Net Verif
					Resource Type	Year		Savings	
									2011
	Coupon Initi							Current year savings	
		etailer Event Initiative					2015 Results Persistence	Current year savings	
		etirement Initiative						Current year savings	
	HVAC Incent	ives Initiative					2015 Results Persistence	Current year savings	
	Residential I	New Construction and Major Renovation Initia	tive			2015	2015 Results Persistence	Current year savings	
	Energy Audi					2015	2015 Results Persistence	Current year savings	
	Efficiency: E	quipment Replacement Incentive Initiative				2015	2015 Results Persistence	Current year savings	
	Direct Instal	Lighting and Water Heating Initiative				2015	2015 Results Persistence	Current year savings	
	New Constru	uction and Major Renovation Initiative				2015	2015 Results Persistence	Current year savings	
	Existing Buil	ding Commissioning Incentive Initiative				2015	2015 Results Persistence	Current year savings	
	Process and	Systems Upgrades Initiatives - Project Incenti	ve Initiative			2015	2015 Results Persistence	Current year savings	
	Process and	Systems Upgrades Initiatives - Energy Manag	er Initiative			2015	2015 Results Persistence	Current year savings	
	Process and	Systems Upgrades Initiatives - Monitoring an	d Targeting Initiative			2015	2015 Results Persistence	Current year savings	
	Low Income	Initiative				2015	2015 Results Persistence	Current year savings	
	Loblaws Pilo	t				2015	2015 Results Persistence	Current year savings	
	Social Bench	marking Pliot				2015	2015 Results Persistence	Current year savings	
	Conservatio	n Fund Pilot - SEG				2015	2015 Results Persistence	Current year savings	
	Conservatio	n Fund Pilot - EnerNOC				2015	2015 Results Persistence	Current year savings	
	Aboriginal C	onservation Program				2015	2015 Results Persistence	Current year savings	
	Program Ena	abled Savings				2015	2015 Results Persistence	Current year savings	
	Save on Ene	rgy Coupon Program				2015	2015 Results Persistence	Current year savings	
	Save on Ene	rgy Heating and Cooling Program				2015	2015 Results Persistence	Current year savings	
	Save on Ene	rgy Home Assistance Program				2015	2015 Results Persistence	Current year savings	
	Save on Ene	rgy Audit Funding Program				2015	2015 Results Persistence	Current year savings	
	Save on Ene	rgy Retrofit Program				2015	2015 Results Persistence	Current year savings	
	Save on Ene	rgy Coupon Program				2015	2016 Results Persistence	Adjustment	
	Save on Ene	rgy Heating & Cooling Program				2015	2016 Results Persistence	Adjustment	
	Save on Ene	rgy New Construction Program				2015	2016 Results Persistence	Adjustment	

n:

rom IESO

Version 5.0 (2021)

to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

ng on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

ch those provided by the IESO.

ed Annual Peak Demand Savings at the End-User Level (kW)

2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
			69	69	69	69	69	69	69	69	69	69	56	56	56	56	56	56	22	22	22	22	0	0	0
			163	158	158	158	158	158	158	158	158	158	118	102	102	102	102	102	69	69	69	69	0	0	0
			23	23	23	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,495	0	0	0	0
			21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
			187	187	187	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			6,257	6,257	6,218	6,218	6,218	6,218	6,047	6,047	5,859	5,299	3,809	3,726	2,621	2,603	2,603	1,866	308	308	308	308	0	0	0
			487	465	311	311	311	311	311	311	311	311	306	132	0	0	0	0	0	0	0	0	0	0	0
			316	316	316	316	316	316	316	316	315	315	315	315	314	314	276	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			274	220	200	200	196	175	158	150	138	123	45	21	21	21	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			12	10	10	10	10	10	10	10	7	7	7	7	6	6	1	1	1	1	1	1	1	0	0
			131	131	131	131	131	131	131	131	131	131	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			424	420	420	420	420	420	420	420	420	420	370	369	369	367	367	366	101	101	101	101	0	0	0
			1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,526	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			592	592	581	581	581	581	553	553	542	450	229	229	110	110	110	92	71	71	71	71	0	0	0
				58	58	58	58	58	58	58	58	58	45	45	45	45	45	45	21	21	21	21	0	0	0
				258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	247	0	0	0	0
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#1
Net Verified Annual Energy Savings at the End-User Level (kWh)

2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
0	0	0					1,027,535	1,018,620	1,018,620	1,018,620	1,018,620	1,018,620	1,018,620	1,018,276	1,018,276	1,018,276	897,223	892,900	892,900
0	0	0					2,194,924	2,119,365	2,119,365	2,119,365	2,119,365	2,119,365	2,119,365	2,119,365	2,119,365	2,119,365	1,879,773	1,625,033	1,625,033
0	0	0					155,424	155,424	155,424	154,902	94,825	0	0	0	0	0	0	0	0
0	0	0					3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,175,791
0	0	0					58,971	58,971	58,971	58,971	58,971	58,971	58,971	58,971	58,971	58,971	58,971	58,971	58,971
0	0	0					875,115	875,115	875,115	875,115	0	0	0	0	0	0	0	0	0
0	0	0					51,722,543	51,722,543	51,599,822	51,599,822	51,599,822	51,599,822	50,635,032	50,635,032	49,277,020	45,797,398	34,800,889	32,466,175	17,844,990
0	0	0					2,024,454	1,931,260	1,339,668	1,339,668	1,339,668	1,339,668	1,339,668	1,339,668	1,339,668	1,339,668	1,288,435	512,252	0
0	0	0					1,437,827	1,437,827	1,437,827	1,437,827	1,437,827	1,437,827	1,437,827	1,437,827	1,434,849	1,434,849	1,434,849	1,434,849	1,426,262
0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					1,293,617	949,437	808,737	808,737	793,295	752,682	643,670	620,972	590,250	492,441	199,030	55,120	55,120
0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					147,287	115,538	110,988	106,438	103,950	103,950	101,695	98,746	50,947	50,839	50,075	50,075	48,541
0	0	0					901,493	901,493	901,493	901,493	901,493	901,493	901,493	901,493	901,493	901,493	0	0	0
0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					130,073	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					225 240	225.240	0	0	0	0	0	0	0	0	0	0	0
0	0	0					235,240 6,484,457	235,240 6,429,030	6,429,030	6,429,030	6,429,030	6,429,030	6,429,030	6,424,967	6,424,967	6,424,967	5,994,848	5,961,614	5,961,614
0	0	0					3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099
0	0	0					3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099	3,220,099
0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0					4,388,100	4,388,100	4,353,851	4,353,851	4,353,851	4,353,851	4,182,174	4,182,174	4,142,538	3,581,795	2,225,182	2,217,083	603,928
0	0	0					1,555,200	800,565	800,565	800,565	800,565	800,565	800,565	800,073	800,073	800,073	717,504	716,210	716,210
0	0	0						506,403	506,403	506,403	506,403	506,403	506,403	506,403	506,403	506,403	506,403	506,403	506,403
0	0	0						992	992	992	992	992	992	992	992	992	992	992	992

2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
891,106	891,106	890,669	346,273	346,273	346,273	346,273	0	0	0	0	0	0
1,625,033	1,625,033	1,625,033	1,094,648	1,094,648	1,094,648	1,094,648	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
3,175,791	3,175,791	3,175,791	3,175,791	3,175,791	3,006,226	0	0	0	0	0	0	0
58,971	58,971	58,971	58,971	58,971	58,971	58,971	51,586	51,586	51,586	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
17,789,612	17,789,612	12,430,736	808,201	808,201	808,201	808,201	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
1,426,262	1,330,511	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
55,120	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
48,541	4,848	4,848	4,848	4,848	4,848	4,848	4,140	0	0	0	0	0
0	0	0	0	0	0	0		0				
0					U	U.	U		0	0	0	0.
	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0		_	0		0
0		0 0	0 0		_		_	0	0		0	0 0 0
0 0	0	0 0	0 0 0	0	0	0	0	0 0 0	0 0 0	0	0 0 0	0 0 0 0
0	0 0 0	0 0	0 0 0 0	0 0 0	0 0	0 0 0	0	0 0 0 0 0	0 0 0 0 0	0 0	0 0 0	0 0 0 0 0
5,839,430	0 0 0 0 5,839,430	0 0 0 0 5,826,645	0 0 0 0 0 1,606,139	0 0 0 0 1,606,139	0 0 0 1,606,139	0 0 0	0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0	0 0 0 0	0 0 0 0 0
0	0 0 0	0 0	0 0 0 0 1,606,139 3,220,099	0 0 0 0 1,606,139	0 0	0 0 0 0 1,606,139	0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
5,839,430	5,839,430 3,220,099	0 0 0 0 5,826,645		0 0 0 1,606,139 3,220,099	0 0 0 1,606,139	0 0 0 0 1,606,139	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0
5,839,430 3,220,099	5,839,430 3,220,099	5,826,645 3,220,099	3,220,099 0	0 0 0 1,606,139 3,220,099	0 0 1,606,139 3,068,338	0 0 0 0 1,606,139 0	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0
5,839,430 3,220,099 0 603,928	0 0 0 5,839,430 3,220,099 0 603,928	5,826,645 3,220,099	3,220,099 0 0 175,878	0 0 0 1,606,139 3,220,099 0 175,878	1,606,139 3,068,338	0 0 0 1,606,139 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0
5,839,430 3,220,099 0 603,928 712,095	5,839,430 3,220,099 0 603,928 712,095	5,826,645 3,220,099 460,858 710,915	3,220,099 0 0 175,878 331,334	1,606,139 3,220,099 0 175,878 331,334	1,606,139 3,068,338 0 175,878 331,334	0 0 0 0 1,606,139 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5,839,430 3,220,099 0 603,928	0 0 0 5,839,430 3,220,099 0 603,928	5,826,645 3,220,099	3,220,099 0 0 175,878	0 0 0 1,606,139 3,220,099 0 175,878	1,606,139 3,068,338	0 0 0 1,606,139 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend

User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: City of Markham

Summary of Project #1

	Actual los	st revenue based	on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	С	b * c
Jan-15	2,297.02		76%	
Feb-15	941.38	-1,355.64	76%	-1029.19
Mar-15	941.38	-1,355.64	76%	-1029.19
Apr-15	941.38	-1,355.64	76%	-1029.19
May-15	941.38	-1,355.64	76%	-1029.19
Jun-15	941.38	-1,355.64	76%	-1029.19
Jul-15	941.38	-1,355.64	76%	-1029.19
Aug-15	941.38	-1,355.64	76%	-1029.19
Sep-15	941.38	-1,355.64	76%	-1029.19
Oct-15	941.38	-1,355.64	76%	-1029.19
Nov-15	941.38	-1,355.64	76%	-1029.19
Dec-15	941.38	-1,355.64	76%	-1029.19
Total				-11321.05
Persistence in	2016			-12350.24
Persistence in	2017			-12350.24
Persistence in	2018			-12350.24
Persistence in	2019			-12350.24

Details of Project #1 (Jul, 2015)

Pre-conversion billing demand

	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d	e	d * e
High-Pressure Sodium Street Light	0.07		0.00
High-Pressure Sodium Street Light	0.10	38	3.65
High-Pressure Sodium Street Light	0.13	6102	805.46
High-Pressure Sodium Street Light	0.19	1580	293.88
High-Pressure Sodium Street Light	0.24	1703	410.42
High-Pressure Sodium Street Light	0.30	2612	783.60
High-Pressure Sodium Street Light	0.47		0.00
Mercury Vapor Street Lights (MV)	0.16		0.00
Mercury Vapor Street Lights (MV)	0.20		0.00
Mercury Vapor Street Lights (MV)	0.25		0.00
Mercury Vapor Street Lights (MV)	0.40		0.00

1 03t conversion bining demand	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d 1	e 1	d 1 * e 1
LED 9 -Double Head 1	0.02	2	0.04
LED 9 -Double Head 2	0.02	2	0.04
LED 12	0.065	24	1.56
LED 23	0.135	360	48.6
LED 17	0.133	14	1.862
LED 19	0.1	234	23.4
LED 25	0.158	73	11.534
LED 24	0.135	344	46.44
LED 13	0.084	35	2.94
LED 21	0.117	124	14.508
LED 16	0.113	414	46.782
LED13	0.084	74	6.216
LED 10	0.068	42	2.856
LED 11	0.092	11	1.012
LED 18	0.078	11	0.858
LED 14	0.099	175	17.325
LED 27	0.158	370	58.46
LED 15	0.099	28	2.772
LED2	0.056	7211	403.816
LED4	0.081	574	46.494
LED3	0.056	364	20.384
LED1	0.044	38	1.672
LED5	0.11	1236	135.96
LED19	0.1	3	0.3
LED23	0.135	30	4.05
LED16	0.113	1	0.113
LED21	0.117	6	0.702
LED10	0.068	1	0.068
LED14	0.099	3	0.297
LED18	0.078	1	0.078
LED24	0.135	35	4.725
LED29	0.175	2	0.35
LED12	0.065	1	0.065
LED27	0.158	11	1.738
LED15	0.099	12	1.188
LED 28	0.25	54	13.5
LED 20	0.1	11	1.1
LED 22	0.117	5	0.585
LED 26	0.158	20	3.16
LED 29	0.175	79	13.825

Post-conversion billing demand

Tot	al	12035	2297.02	Total	120

Table 8-b: City of Barrie

Summary of Project #1

	Actual lost revenue based on kW billing					
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction		
	а	b	c	b * c		
Jan-15	2,007.94		76%			
Feb-15	659.90	-1,348.05	76%	-1023.42		
Mar-15	659.90	-1,348.05	76%	-1023.42		
Apr-15	659.90	-1,348.05	76%	-1023.42		
May-15	659.90	-1,348.05	76%	-1023.42		
Jun-15	659.90	-1,348.05	76%	-1023.42		
Jul-15	659.90	-1,348.05	76%	-1023.42		
Aug-15	659.90	-1,348.05	76%	-1023.42		
Sep-15	659.90	-1,348.05	76%	-1023.42		
Oct-15	659.90	-1,348.05	76%	-1023.42		
Nov-15	659.90	-1,348.05	76%	-1023.42		
Dec-15	659.90	-1,348.05	76%	-1023.42		
Total				-11257.65		
Persistence in	n 2016			-12281.07		
Persistence in	n 2017			-12281.07		
Persistence in	n 2018			-12281.07		
Persistence in	n 2019			-12281.07		

Summary of Project #2

Actual lost revenue based on kW billing					
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction	
	a	b		b * c	
Jan-17	41.45		92%		
Feb-17	15.65	-25.80	92%	-23.63	
Mar-17	15.65	-25.80	92%	-23.63	
Apr-17	15.65	-25.80	92%	-23.63	
May-17	15.65	-25.80	92%	-23.63	
Jun-17	15.65	-25.80	92%	-23.63	
Jul-17	15.65	-25.80	92%	-23.63	
Aug-17	15.65	-25.80	92%	-23.63	
Sep-17	15.65	-25.80	92%	-23.63	
Oct-17	15.65	-25.80	92%	-23.63	
Nov-17	15.65	-25.80	92%	-23.63	
Dec-17	15.65	-25.80	92%	-23.63	
Total				-259.97	
Persistence in 2016				-283.61	
Persistence in 2017				-283.61	
Persistence in	2018			-283.61	
Persistence in	2019			-283.61	

Table 8-c: Town of Aurora

Summary of Project #1

Summary of Froject #1					
Actual lost revenue based on kW billing					
Month	Billed Gross kW Net to Gross Net kW nth amount reduction Ratio reductio				
	a b c b*c				
Jan-16	367.60		79%		

Details of Project #1 (Oct, 2015)

Pre-conversion	billing	demand
----------------	---------	--------

Pre-conversion bining demand			
	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d	e	d * e
High-Pressure Sodium Street Light	0.07		0.00
High-Pressure Sodium Street Light	0.10	174	16.70
High-Pressure Sodium Street Light	0.13	3548	468.34
High-Pressure Sodium Street Light	0.19	4922	915.49
High-Pressure Sodium Street Light	0.24	439	105.80
High-Pressure Sodium Street Light	0.30	1369	410.70
High-Pressure Sodium Street Light	0.47	193	90.71
Mercury Vapor Street Lights (MV)	0.16		0.00
Mercury Vapor Street Lights (MV)	0.20	1	0.20
Mercury Vapor Street Lights (MV)	0.25		0.00
Mercury Vapor Street Lights (MV)	0.40		0.00
Total		10646	2007.94

Details of Project #2 (Aug, 2017) Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
High-Pressure Sodium Street Light	0.07		0.00
High-Pressure Sodium Street Light	0.10		0.0
High-Pressure Sodium Street Light	0.13		0.0
High-Pressure Sodium Street Light	0.19		0.0
High-Pressure Sodium Street Light	0.24	172	41.4
High-Pressure Sodium Street Light	0.30		0.0
High-Pressure Sodium Street Light	0.47		0.0
Mercury Vapor Street Lights (MV)	0.16		0.0
Mercury Vapor Street Lights (MV)	0.20		0.0
Mercury Vapor Street Lights (MV)	0.25		0.0
Mercury Vapor Street Lights (MV)	0.40		0.0
Total		172	41.45

Details of Project #1 (Jul, 2016)

Pre-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	ď	e	d * e
High-Pressure Sodium Street Light	0.07		0.00

Post-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d ₁	e 1	d 1 * e 1
LEDA	0.053	1325	70.225
LED9	0.043	5341	229.663
LEDG	0.101	1074	108.474
LEDF	0.091	225	20.475
LEDB	0.056	458	25.648
LEDC	0.065	543	35.295
LEDE	0.083	388	32.204
LEDD	0.073	555	40.515
LEDJ	0.153	13	1.989
LEDI	0.134	65	8.71
LEDH	0.112	110	12.32
LEDK	0.168	403	67.704
LED0	0.047	125	5.875
LED8	0.038	21	0.798
			0
			0
			0
			0
			0
			0
Total		10646	659.90

Post-conversion billing demand

Fixture type	Billing Wattage	Quantity	Billed amount
	(kW)		(kW)
	d ₁	e 1	d 1 * e 1
EDA	0.053		0
ED9	0.043		0
EDG	0.101		0
EDF	0.091	172	15.652
EDB	0.056		0
EDC	0.065		0
EDE	0.083		0
EDD	0.073		0
EDJ	0.153		0
EDI	0.134		0
EDH	0.112		0
EDK	0.168		0
ED0	0.047		0
ED8	0.038		0
			0
			0
			0
			0
			0
			0
otal		172	15.65

Fixture type	Billing Wattage Quantity (kW)		Billed amount (kW)
	d ₁	e 1	d 1 * e 1
LED1	0.034	1317	44,778

Feb-16	129.46	-238.14	79%	-188.74
Mar-16	129.46	-238.14	79%	-188.74
Apr-16	129.46	-238.14	79%	-188.74
May-16	129.46	-238.14	79%	-188.74
Jun-16	129.46	-238.14	79%	-188.74
Jul-16	129.46	-238.14	79%	-188.74
Aug-16	129.46	-238.14	79%	-188.74
Sep-16	129.46	-238.14	79%	-188.74
Oct-16	129.46	-238.14	79%	-188.74
Nov-16	129.46	-238.14	79%	-188.74
Dec-16	129.46	-238.14	79%	-188.74
Total				-2076.18
Persistence in	n 2016			
Persistence in 2017				-2264.92
Persistence in	n 2018			-2264.92
Persistence in	2019			-2264.92

Total		2736	367.60
Mercury Vapor Street Lights (MV)	0.40		0.00
Mercury Vapor Street Lights (MV)	0.25		0.00
Mercury Vapor Street Lights (MV)	0.20	1	0.20
Mercury Vapor Street Lights (MV)	0.16		0.00
High-Pressure Sodium Street Light	0.47		0.00
High-Pressure Sodium Street Light	0.30	2	0.60
High-Pressure Sodium Street Light	0.24	27	6.51
High-Pressure Sodium Street Light	0.19	276	51.3
High-Pressure Sodium Street Light	0.13	2102	277.4
High-Pressure Sodium Street Light	0.10	328	31.49

LED2	0.034	115	3.91
LED8	0.053	6	0.318
LED4	0.038	32	1.216
LED6	0.043	42	1.806
LED5	0.043	30	1.29
LED10	0.056	11	0.616
LED9	0.056	82	4.592
LED7	0.043	11	0.473
LED11	0.065	17	1.105
LED0	0.091	29	2.639
LED12	0.073	4	0.292
LED3	0.034	1	0.034
LED18	0.091	2	0.182
LED24	0.06	824	49.44
LED23	0.168	2	0.336
LED17	0.091	2	0.182
LED16	0.091	1	0.091
LED15	0.073	1	0.073
LED26	0.1	39	3.9
LED19	0.101	3	0.303
LED25	0.072	165	11.88
Total		2736	129.46

Summary of Project #2

Actual lost revenue based on kW billing					
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction	
	а	b		b * c	
Jan-18	247.04		90%		
Feb-18	113.58	-133.46	90%	-120.16	
Mar-18	113.58	-133.46	90%	-120.16	
Apr-18	113.58	-133.46	90%	-120.16	
May-18	113.58	-133.46	90%	-120.16	
Jun-18	113.58	-133.46	90%	-120.16	
Jul-18	113.58	-133.46	90%	-120.16	
Aug-18	113.58	-133.46	90%	-120.16	
Sep-18	113.58	-133.46	90%	-120.16	
Oct-18	113.58	-133.46	90%	-120.16	
Nov-18	113.58	-133.46	90%	-120.16	
Dec-18	113.58	-133.46	90%	-120.16	
Total				-1321.74	
Persistence in	n 2018			-1441.90	
Persistence in	n 2019			-1441.90	

Details of Project #2 (Mar, 2018)

	Billing		Billed
Fixture type	Wattage	Quantity	amount
	(kW)		(kW)
	d	e	d * e
Decorative - Top Hat	0.13	1	0.1
Decorative - Top Hat	0.19	184	34.9
Decorative - Box Top	0.19	3	0.5
Decorative - Victorian Lantern Pos	0.13	51	6.6
Decorative - Victorian Lantern Sid	0.13	1573	204.4
Decorative Lantern Side Mount	0.13	2	0.2
Total		1814	247.04

Post-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	(kW)
	d ₁	e ₁	d ₁ * e ₁
72W_245L 20LEDE10 MVOLT 4K R3	0.072	184	13.248
44W_245L 20LEDE70 MVOLT 4K R3	0.044	1	0.044
69W_KAD LED 40C 530 40K R3	0.069	3	0.207
80W_CL41T4-FLAP-GAL-3-80W-4K	0.08	51	4.08
100W_CL41P1-FLAC-GAL-3-100W	0.1	41	4.1
60W_CL41P1-FLAC-GAL-3-60W-4K	0.06	1525	91.5
40W_CL41T4-FLAP-GAL-3-40W-4K-1	0.04	6	0.24
80W_CL41T4-FLAP-GAL-3-80W-4K-1	0.08	1	0.08
42W_CL41P1-GAL-3-42W-4K-120-P7	0.042	2	0.084
Total		1814	113.58

Table 8-d: Town of Bradford

Summary of Project #1

Summary of Project #1						
Actual lost revenue based on kW billing						
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction		
	а	b		b * c		
Jan-16	330.97		79%			
Feb-16	119.22	-211.75	79%	-167.82		
Mar-16	119.22	-211.75	79%	-167.82		
Apr-16	119.22	-211.75	79%	-167.82		
May-16	119.22	-211.75	79%	-167.82		
Jun-16	119.22	-211.75	79%	-167.82		
Jul-16	119.22	-211.75	79%	-167.82		
Aug-16	119.22	-211.75	79%	-167.82		
Sep-16	119.22	-211.75	79%	-167.82		
Oct-16	119.22	-211.75	79%	-167.82		

Details of Project #1 (Jul, 2016)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
High-Pressure Sodium Street Light	0.07		0.00
High-Pressure Sodium Street Light	0.10	4	0.38
High-Pressure Sodium Street Light	0.13	1094	144.41
High-Pressure Sodium Street Light	0.19	538	100.07
High-Pressure Sodium Street Light	0.24	7	1.69
High-Pressure Sodium Street Light	0.30	208	62.40
High-Pressure Sodium Street Light	0.47		0.00
Mercury Vapor Street Lights (MV)	0.16	1	0.16
Mercury Vapor Street Lights (MV)	0.20	107	21.61
Mercury Vapor Street Lights (MV)	0.25	1	0.25

Post-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d 1	e 1	d 1 * e 1
LED 1	0.034	705	23.97
LED 2	0.064	463	29.632
LED 4	0.081	411	33.291
LED 5	0.095	213	20.235
LED 3	0.072	168	12.096
			0
			0
			0
			0
			0

Nov-16	119.22	-211.75	79%	-167.82
Dec-16	119.22	-211.75	79%	-167.82
Total				-1846.05
Persistence in 2016				
Persistence in	n 2017			-2013.88
Persistence in 2018				-2013.88
Persistence in	Persistence in 2019			-2013.88

Summary of Project #1

	Actual los	st revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b		b * c
Jan-17	300.46		92%	
Feb-17	118.37	-182.08	92%	-166.80
Mar-17	118.37	-182.08	92%	-166.80
Apr-17	118.37	-182.08	92%	-166.80
May-17	118.37	-182.08	92%	-166.80
Jun-17	118.37	-182.08	92%	-166.80
Jul-17	118.37	-182.08	92%	-166.80
Aug-17	118.37	-182.08	92%	-166.80
Sep-17	118.37	-182.08	92%	-166.80
Oct-17	118.37	-182.08	92%	-166.80
Nov-17	118.37	-182.08	92%	-166.80
Dec-17	118.37	-182.08	92%	-166.80
Total				-1834.78
Persistence in	2016			
Persistence in	2017			-2001.58
Persistence in	2018			-2001.58
Persistence in	2019			-2001.58

Mercury Vapor Street Lights (MV)	0.40		0.00
Total		1960	330.97

		0
		0
		0
		0
		0
		0
		0
Total	1960	119.22

Details of Project #1 (Apr, 2017)

Pre-conversion billing demand

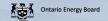
Fixture type	Billing Wattage (kW) d	Quantity e	Billed amount (kW) d * e
High-Pressure Sodium Street Light	0.07		0.00
High-Pressure Sodium Street Light	0.10	594	57.02
High-Pressure Sodium Street Light	0.13	329	43.43
High-Pressure Sodium Street Light	0.19	766	142.48
High-Pressure Sodium Street Light	0.24		0.00
High-Pressure Sodium Street Light	0.30	162	48.60
High-Pressure Sodium Street Light	0.47	19	8.93
Mercury Vapor Street Lights (MV)	0.16		0.00
Mercury Vapor Street Lights (MV)	0.20		0.00
Mercury Vapor Street Lights (MV)	0.25		0.00
Mercury Vapor Street Lights (MV)	0.40		0.00
Total		1870	300.46

Post-conversion billing demand

Post-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d 1	e 1	d 1 * e 1
LED8	0.03531	878	31.00218
LED9	0.0491	527	25.8757
LED13	0.14334	372	53.32248
LED11	0.10333	45	4.64985
LED12	0.0734	48	3.5232
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Total		1870	118.37

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 38

ATTACHMENT 38 LRAMVA WORKFORM ENERSOURCE RZ



LRAMVA Work Form: Summary Tab

Legend

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

LDC Name

Alectra Utilities- Enersource Rate Zone

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#) EB-2019-0018 2020 IRM Application Application of Previous LRAMVA Claim Period of LRAMVA Claimed in Previous Application Amount of LRAMVA Claimed in Previous Application 2,724,213.27 B. Current LRAMVA Application Current LRAMVA Application (EB#)

Application of Current LRAMVA Claim Period of New LRAMVA in this Application Period of Rate Recovery (# years)

EB-2020-0002 2021 IRM Application

4.540,232 1,553,329

Actual Lost Revenues (\$) Forecast Lost Revenues (\$) Carrying Charges (\$) 135,574 LRAMVA (\$) for Account 1568 3,122,478

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAM/N total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAM/N claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$318,932	\$14,476	\$333,408
GS<50 kW	kWh	\$213,600	\$9,695	\$223,295
GS 50-499 kW	kW	\$1,742,598	\$79,096	\$1,821,694
GS 500-4999 kW	kW	\$605,365	\$27,477	\$632,842
Large Use	kW	\$193,302	\$8,774	\$202,076
Street Lighting	kW	-\$100,738	-\$4,572	-\$105,310
Unmetered Scattered Load	kWh	\$13,844	\$628	\$14,472
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$2,986,903	\$135,574	\$3,122,478

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column, Cof Table 1-b below, please neart a "best, mark to indicate he years in which I RAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any IRAMVA from priory part that has already been claimed and post included in the current IRAMVA disposition, with the acception of the case notice below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

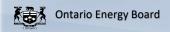
LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
		kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
2011 Actuals	le.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals	12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals	le.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals	- It	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals	le.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																4
2016 Actuals	T ₄	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals	1×	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast	· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals	1	\$483,809.25	\$719,447.17	\$1,832,249.46	\$643,964.96	\$239,079.54	\$607,837.60	\$13,843.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,540,231.90
2018 Forecast	•	(\$164,877.43)	(\$505,846.95)	(\$89,651.32)	(\$38,599.76)	(\$45,777.70)	(\$708,575.42)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,553,328.57)
Amount Cleared																

C. Documentation of Changes

Original Amount

2019 Actuals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared															
Carrying Charges	\$14,476.18	\$9,695.23	\$79,095.80	\$27,477.27	\$8,773.89	(\$4,572.45)	\$628.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$135,574.30
Total LRAMVA Balance	\$333,408	\$223,295	\$1,821,694	\$632,842	\$202,076	-\$105,310	\$14,472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,122,478
Note: LDC to make note of assumptions included a	bove, if any														



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend	User Inputs (Green)				
	Drop Down List (Blue)				
	Instructions (Grey)				

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Table 5-d. 2018 Lost Revenu	Alectra relied on the Participation and Cost Report (P/C) and true up any savings	There are additional CDM savings after the Participation and Cost report was published in April 2019 re
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legend

User Inputs (Green) Drop Down List (Blue) Auto Populated Cells (White) Instructions (Grey)

Table 2-a. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	119,146,363	35,842,920	39,519,293	6,718,613	7,166,687	8,983,655	20,915,195								
kW	111,837			19,284	16,135	15,417	61,001								
												•			
Summary		35842920	39519293	19284	16135	15417	61001	0	0	0	0	0	0	0	0

Source of Threshold

Years Included in Threshold 0.5 * 2011 + 1.0 * 2012 + 0.5* 2013 EB-2012-0033, Decision and Order, p.53

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds
Please compilet Falls 2-below by selecting the appropriate LRAMVA threshold versi in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" opin. The LRAMVA threshold values in Table 2-c will auto-populated in Table 2-c will

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	2013	35,842,920	39,519,293	19,284	16,135	15,417	61,001	0	0	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-0002; January 1, 2017 to December 31, 2017		EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)	1								0	4			
Period 2 (# months)	†	12	12	12	12	12	12	12	12	8	12	12	12
Residential									\$ 0.0069	\$ 0.0035			
Rate rider for tax sharing	1								φ 0.0008	φ 0.0033			
Rate rider for foregone revenue	kWh												
Other	i												
Adjusted rate	†	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0069	\$ 0.0035	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0069	\$ 0.0046	\$ -	\$ -	•
GS<50 kW									\$ 0.0127	\$ 0.0128			
Rate rider for tax sharing	†								7	1			
Rate rider for foregone revenue	kWh												
Other]												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0127			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0127	\$ 0.0128	\$ -	\$ -	
GS 50-499 kW									\$ 4.6213	\$ 4.6629			
Rate rider for tax sharing Rate rider for foregone revenue	kW												
Other	- KVV												
Adjusted rate	1	\$ -	\$ -	\$ -	s -	s -	\$ -	s -	\$ 4.6213	\$ 4.6629	\$ -	s -	
Calendar year equivalent		, ·	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.6213			\$ -	1
GS 500-4999 kW									\$ 2.3780	\$ 2.3994			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other	4												
Adjusted rate		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 2.3780			\$ -	
Calendar year equivalent	_		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.3780		\$ -	\$ -	
Large Use									\$ 2.9516	\$ 2.9782			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other	4	s -			s -	s -	•		\$ 2.9516	\$ 2,9782			
Adjusted rate Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ 2.9516 \$ 2.9516			\$ - \$ -	L
			-	-	• -	• -	• -	• -		•	• -	-	
Street Lighting	1								\$ 11.5465	\$ 11.6504			
Rate rider for tax sharing	kW												
Rate rider for foregone revenue Other	KVV												
Adjusted rate	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11.5465	\$ 11.6504	\$ -	\$ -	
Calendar year equivalent	1		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11.5465			\$ -	1
Unmetered Scattered Load									\$ 0.0164	\$ 0.0165			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kWh												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0164			\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0164	\$ 0.0165	\$ -	\$ -	
0													
Rate rider for tax sharing	1												
Rate rider for foregone revenue	0												
Other	4						•						
Adjusted rate	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

)	1																
Rate rider for tax sharing	+																
ate rider for foregone revenue	0																
ther	⊣							1									
djusted rate	+	s -	\$	-	\$ -	\$		\$	-	\$ 	\$		\$ -	\$ -	\$ -	\$ 	
Calendar year equivalent		-	\$	-	\$ -	\$	÷	\$		\$ -	\$	÷	\$ ÷	\$ ÷	\$ 	\$ -	
	1																
	_																
ate rider for tax sharing	_							-									
ate rider for foregone revenue	0																
ther		_															
djusted rate		\$ -		-	\$	\$	-	\$		\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
alendar year equivalent			\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
ate rider for tax sharing																	
ate rider for foregone revenue	0																
ther																	
djusted rate		\$ -	\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
alendar year equivalent			\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
ate rider for tax sharing																	
ate rider for foregone revenue	0																
ther																	
djusted rate		\$ -	\$	-	\$ -	\$	-	\$		\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
ate rider for tax sharing																	
ate rider for foregone revenue	0																
ther																	
djusted rate		\$ -	\$	-	\$ -	\$	-	\$		\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
alendar year equivalent			\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	
	1																
ate rider for tax sharing	7																
ate rider for foregone revenue	0																
ther	7																
djusted rate	7	s -	s		\$ -	s	-	\$	-	\$ -	S	-	\$ -	\$ -	\$ -	\$ -	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load							
	kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0046	\$0.0128	\$4.6490	\$2.3923	\$2.9693	\$11.6158	\$0.0165	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



LRAMVA Work Form: Determination of Rate Class Allocations

Version 5.0 (2021)

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

The IESO performs evaluations for all of its programs, which includes examining gross energy savings from the programs and the net-to-gross ratio ("NTGR"). From these evaluations the IESO calculates net energy savings by initiative within a program group (residential, business, industrial and low income). Peak load savings are also calculated, and reported by initiative within a program group. For initiatives implemented under the Residential and Low Income Programs, 100% of CDM savings were attributed to the Residential Rate Class. For initiatives implemented under the Commercial and Industrial programs that apply to more than one rate class, the savings were estimated by rate class, based on participant-specific information, where available.



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

1. LDCs can apply for deposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover but sevenes from the 2011-2014 period. Please input or manually ink the savings, adjustments and program sensing persistence data in these bables from the LDCs Persistence Reports provided by the ESO (In Tab 7). As noted earlier, persistence data is available upon request from the ESO. Please also be advised that the same rate classes (of up to 14) are carried over from the ISOs of t

2. Please ensure that the IESO verified savings adjustments apply back to the program year it related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for presistings analyze to be claimed in future years, past year's institute level savings results need to be filled out in the tablets below. If the IESO adjustments were made available to the IEC after the LRAMIVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMIVA more past to be filled.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the CEE's updated LRAM policy related to peak demand savings in EB-2016-1182. Demand Response (RRS) average shade present process excluded with the Included with the Included and the Included with the Included and Included And I

4. LIC are requested to regul the applicable rate class a Sociation percentages to allocate actual salvings to the rate classes. The generic template currently includes the same allocation percentage for program salvings and its savings adjustments. If a different allocation is proposed for savings adjustments. LIC and interest allocation is proposed for savings adjustments. LIC and interest allocation is proposed for savings adjustments. LIC and interest allocation is proposed for savings adjustments. LIC and interest allocation is proposed for savings adjustments. LIC and interest adjustments are considered and interest adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments are considered as adjustments. LIC and interest adjustments are considered as adjustments are considered as adjustments. LIC and interest adjust

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delethe applicable savings persistence rows (auto-calculated after the LRAMVA botals for the year) if future years in which persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast.

Table 4-a. 2011 Lost Revenues Table 4-b. 2012 Lost Revenues Table 4-c. 2013 Lost Revenues Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form		Net Energy Savings (kWh)			M	ed South Carl	ngs Persistence	(FMDs)				Net Dema Savings (i	and		let Peak Demand	Oneinos Dagei	stence (MA)								Date Aller	cations for LRA	MD/A				_	
Program	Results Status	Savings (kWh)	2012 2013	3 2014	2015	2016	2017	2018	2019	2020	Month Multipl	ay .				2016 20	<u> </u>	2019 2020		G8<50 kW	3S 50-489 kW			Street	Unmetered	Caudia ioi Eio	***					Total
Consumer Program					الككا	2016	2017	2018	2019	2020							17 2018	2019 2020	Residential		88 50-499 kW G	kW	Large Use	Street Lighting kW	Scattered Load kWh	0	0		0	0	الجب	
Consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up		812,064 812,06								-	110	110	110 1	09 81	-		-	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Appliance Exchange Adjustment to 2011 savings	Verified True-up	11,343	11,343 11,343	43 5,414	-		-				-	10		10				-	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HVAC Incentives Adjustment to 2011 savings	Verified True-up	3,614,070 -592,333	3,614,070 3,614,0 -592,333 -592,33	,070 3,614,070 333 -592,333	3,614,070 -592,333	3,614,070 -592,333	3,614,070 -592,333	3,614,070 -592,333	3,614,070 -592,333	3,614,07 -592,333	3	1,995 -327	5 1,995 -327	1,995 1,5 -327 -3	995 1,995 127 -327	1,995 1,1 -327 -3	995 1,995 127 -327	1,995 1,996 -327 -327	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	763,430 10,824	763,430 763,43 10,824 10,824	430 763,430 124 10,824	702,240 10,824	635,393 9,889	498,237 6,067	495,051 6,059	623,089 6,059	238,796 2,146		47	47	47 4	17 44 1 1	41 3	35 34 0 0	40 23 0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
 Bi-Annual Retailer Event Adjustment to 2011 savings 	Verified True-up	1,153,895 85,731	1,153,896 1,153,8 85,731 85,73	,895 1,153,895 '31 85,731	1,054,575 85,731	946,072 77,904	713,278 42,060	710,676 42,051	918,499 42,051	294,738 9,277		66 4	66 4	66 6	96 61 4 4	56 4	16 45 2 2	55 26 2 1	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Retailer Co-op Adjustment to 2011 savings	Verified True-up	87	87 87	87	87	87	49	49	49	12			0	0	0 0	0	0 0	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
 Residential Demand Response Adjustment to 2011 savings 	Verified True-up	773				$\equiv \pm$						298				-	-	-	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up					$\equiv \pm$													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential New Construction Adjustment to 2011 savings	Verified True-up					$\equiv \pm$													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Program 10 Retrofit Adjustment to 2011 savinos	Verified True-up	12,075,272	12,075,272 12,075,2	5,272 12,075,272	12,075,272	12,075,272	12,075,272	12,075,272	9,675,568	9,675,56	8 12	2,238	3 2,236	2,236 2,3	238 2,238	2,238 2,3	236 2,236	1,733 1,733 175 175	0.00%	19.00%	63.00% 63.00%	26.00% 26.00%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11 Direct Install Lighting	Verified True-up	8,483,296	8,481,220 8,234,2 124,183 123,61	295 7,110,797	7,110,797	7,065,244	1,115,244	1,109,301	1,109,301	1,109,30	1 12	3,359	3,359	3,274 2,8	887 2,887	2,867 4	15 407		0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%
Adiustment to 2011 savinos 12 Buildina Commissionina	Verified True-up	124,183	124,183 123,61	103,162	103,162	102,817	11,8/5	11,8/5	11,8/5	11,875	3	53	53	53 4	4	44	1	- 1 4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2011 savinos 13 New Construction	Verified					\equiv					12																					0%
Adjustment to 2011 savinos 14 Energy Audit	True-up Verified										12								0.00%	0.00%	0.00% 22.00%	0.00% 67.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2011 savinos 15 Small Commercial Demand Response	True-up Verified	237,585	237,585 237,58	585 237,585	226,586	-	0	0			12	49	49	49 4	19 47		0 0	0 0	0.00%	11.00%	22.00%	67.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%
Adjustment to 2011 savings Small Commercial Demand Response (IHD)	True-up Verified					=													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2011 savinos	True-up					=													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
17 Demand Resource 3 Adjustment to 2011 savinos	Verified True-up	70,271				\Rightarrow						1,800)						0.00%	0.00%	50.00% 50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial Program 18 Process & System Upgrades Adjustment to 2011 savings	Verified True-up										12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 Monitoring & Targeting Adjustment to 2011 savings	Verified True-up										12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 Enerov Manager Adjustment to 2011 savings	Verified True-up										12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
21 Retrofit Adjustment to 2011 savinos	Verified True-up	1,994,497	1,994,497 1,994,4	497 1,994,497	1,994,497	1,994,497	1,994,497	1,994,497	1,932,922	1,932,92	2 12	422	422	422 4	22 422	422 4	22 422	402 402	0.00%	19.00% 19.00%	56.00% 56.00%	25.00% 25.00%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22 Demand Response 3 Adjustment to 2011 savinos	Verified True-up	189,961										3,236	3						0.00%	0.00%	0.00%	25.00% 25.00%	75.00% 75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Home Assistance Program 23 Home Assistance Program Adjustment to 2011 savinos	Verified True-up																															0%
																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aboriginal Program 24 Home Assistance Program Adjustment to 2011 savinos	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25 Direct Install Lighting Adjustment to 2011 savings	Verified True-up					_					0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2011 savinos	Verified True-up	12,349,671	12,349,671 12,349,6	0,671 12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,67	71 12 12	2,148	3 2,148	2,148 2,1	148 2,148	2,148 2,	148 2,148	2,148 2,148	0.00%	17.00% 17.00%	56.00% 56.00%	28.00% 28.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27 High Performance New Construction Adjustment to 2011 savings	Verified True-up	828,974 93,683	828,974 828,97 93,683 93,683	974 828,974 83 93,683	828,974 93,683	828,974 93,683	828,974 93,683	828,974 93,683	828,974 93,683	828,974 93,683	12	161	161 90	161 1	61 161	161 1 90 S	61 161 00 90	161 161 90 90	0.00%	17.00% 17.00%	58.00% 58.00%	28.00% 28.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%
28 Toronto Comprehensive Adjustment to 2011 savinos	Verified True-up					一					0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 Multifamily Energy Efficiency Rebates Adjustment to 2011 savings	Verified True-up	314	314 314	4 314	314	314	314	314	314	314	0		0	0	0 0	0	0 0	0 0	0.00%	17.00% 17.00%	56.00% 56.00%	28.00% 28.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%
30 LDC Custom Programs Adjustment to 2011 savings	Verified True-up					茸					0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other 31 Program Enabled Savings	Verified					\equiv					0																					0%
Adjustment to 2011 savings 32 Time of Use Savings	True-up Verified					=					0					=			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2011 savings	True-up Verified					=					0					=			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2011 savings	True-up	44 010 2/°	43,747,165 43,499,6	671 42 349 474	41 979 144	40 731 863	34 027 424	33 495 344	31 340 304	36 264 51	0	16 000	2 10 001	10.802 40	398 10 357	10 156 71	576 7.400	6,886 6,838	0.00% 5.859.884	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Actual CDM Savings in 2011 Forecast CDM Savings in 2011 Distribution Rate in 2011		**,010,240			. 1,010,140		-7,061,762	33,733,344	51,540,505	39,230,50		19,222	10,007	10,002 10,	10,037		7,400	-,-30 0,030	6 50 00000	50 00000	39,498 0 S0.00000	6 50 00000	6 50 00000	80,00000	6 50 00000	80 00000	50,00000	80,00000	6 S0.00000	80 00000	80,00000	0 0 \$0.00000
Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011																			\$0.000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
LRAMVA in 2011																																\$0.00

The content will be content	2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2013 2011 Savings Persisting in 2015 2011 Savings Persisting in 2015 2011 Savings Persisting in 2017 2011 Savings Persisting in 2017 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018 2011 Savings Persisting in 2019 2011 Savings Persisting in 2019 2011 Savings Persisting in 2019	ded above													5,859,110 5,859,110 5,852,467 5,493,533 4,891,083 4,281,428 4,275,623 4,611,484 3,566,706	13,884,648 13,637,153 12,493,203 12,491,993 12,491,993 6,299,254 6,194,447 5,721,176 5,721,176	39,495 39,495 39,495 39,489 39,027 38,493 37,240 33,245 33,245	18,142 18,142 18,142 18,124 17,610 17,389 16,872 15,219	375 375 375 375 389 361 341 277 277	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	
The content will be content		Results	Net Energy Savings (kWh)		Net Eng	ergy Savings Persistence	(kWh)		Monthly	Net Demand Savings (kW)	Net Pe	eak Demand Sa	vings Persistence (kW)								Rate Alloc	ations for LRAN	IVA						
Martine Mart	Consumer Program						2019	ļ							Residentini KWh				-		Scattered Load kWh	0	0	0	0	0	0	0	
Column		Verified True-up				0 0	0	0 0		59						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
March Marc	Adjustment to 2012 savings					6,291 2,016,291	2,016,291	2,016,291 2,016,2	291	1,202					100.00%									0.00%				0.00%	
Martin M						.157 54,157 .075 25,464	54,157 25,323			28 9			28 28 28 9 8 8		100.00%									0.00%					
March Marc		Verified	1,051,579	1,061,579 1,051,579 1,051,5	579 945,302 768	3,666 524,309	523,219	523,219 265,7	56	58	58 58 58	53	45 34 34	34 22															100%
Companies Comp	Retailer Co-op Adjustment to 2012 savings	Verified													0.00%								0.00%	0.00%					0%
The state The	Residential Demand Response Adjustment to 2012 savings	Verified True-up	10,075							1,262					100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Control Cont															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Marche M		Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Control Cont	Business Program 10 Retroft Adjustment to 2012 savings	Verified True-up	24,392,637 4,785,698	24,288,756 24,131,826 23,935, 4,785,698 4,767,246 4,659,4	785 23,935,785 23,03 134 4,659,434 4,45	37,690 22,455,199 9,711 4,435,037	22,455,199 4,435,037	21,163,793 13,698, 4,203,209 4,039,1	,164 12 902 12	4,531 772	4,500 4,452 4,392 772 766 732	4,392 4 732	,118 4,020 4,020 669 665 665	3,671 2,361 599 588	0.00%	13% 13.00%	66% 66.00%	27.00% 27.00%	3.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	109%
State Stat	11 Direct Install Lighting Adjustment to 2012 savings	Verified True-up	4,890,220 16,743	4,890,180 4,693,914 3,837,6 16,743 16,743 5,278	961 3,837,428 853 8 5,278 9	8,403 853,403 06 506	845,458 505	845,458 845,4: 505 506	58 12 12				241 241 233 0 0 0 0	233 233 0 0	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
The content	12 Buildina Commissionina Adjustment to 2012 savings								3						0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The content will be content						7,001 247,001	247,001	247,001 247,0	01 12 12	97					0.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
March Marc			931,521 301,583	931,521 931,521 931,52 301,583 301,583 301,58	0 0	0 0	0	0 0	12 12	19/2 62	192 192 192 62 62 62	0	0 0 0	0 0									0.00%	0.00%				0.00%	
The state The															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Section Sect		True-up													0.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The content will be content		Verified True-up	31,557							2,171					0.00%	0.00%	50% 50.00%	50% 50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Companie Companie	18 Process & System Upgrades Adjustment to 2012 savings	Verified True-up							12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	. 0%
Thing	Monitorina & Taraetina Adjustment to 2012 savings								12						0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
March Marc		True-up	17,296	17,296 17,296 17,29	6 17,296 17,	296 17,296	17,296	17,296 17,29	96 12 12	3	3 3 3	3	3 3 3	3 3	0.00%	0.00%	30.00%	70% 70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The content of the			99 440						12 12	2.670					0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
March Marc		True-up								5,070					0.00%	0.00%	25.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Secretary Secret	23 Home Assistance Program Adjustment to 2012 savings	Verified True-up	261,837 47,874	261,837 261,837 236,23 47,874 47,412 47,37	73 235,659 235 0 44,621 41,	5,659 228,576 395 40,188	227,170 38,778	109,776 109,1 38,186 22,66	19	40 7	38 38 38 7 7 7	38 7	38 38 38 7 7 7	32 31 7 6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
No. Continue	Aboriginal Program Home Assistance Program Adjustment to 2012 savinos	Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part Part	25 Direct Install Lighting Adjustment to 2012 savings	Verified True-up							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part Part	26 Electricity Retrofit Incentive Program	Verified True-up							12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Management Man	27 High Performance New Construction Adjustment to 2012 savings	Verified	418,130	418,130 418,130 418,13	30 418,130 418	3,130 418,130	418,130	418,130 418,1	30 12 12	189	189 189 189	189	189 189 189	189 189	0.00%		50.00%												100%
Continue Separate Property Continue Separ	28 Toronto Comprehensive Adjustment to 2012 savings	Verified True-up							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Agent Part	20 Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Verified True-up							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Mary Mary	30 LDC Custom Programs Adjustment to 2012 savings	Verified True-up							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Page Page	Other Program Enabled Savings Adjustment to 2012 savings	Verified True-up							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part	32 Time of Use Savings Adjustment to 2012 savings	Verified True-up							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	. 0%
Part Part	33 LDC Pilots Adjustment to 2012 savings	Verified True-up							0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Continue No. 2017 Cont			40,078,316	39,844,314 39,472,204 38,273,	931 36,746,963 32,20	31,315,557	31,303,565	29,662,344 21,759,	761	15,713	8,577 8,477 8,178	7,881 6	,645 6,529 6,521	6,100 4,744	0	0	0	0	0	0	0	0	0	0	0	0	0	0	=
202 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012														\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00	\$0.00 \$0.00 \$0.00 \$0.00
202 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015															8,772,919 8,553,853 7,646,635	44,814 44,388 43,645	20,307 20,133 19,829	1,898 1,879 1,845	0	0	0	0	0	0	0	0	0 0	
202 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2012 Savings Persisting in 2016 2012 Savings Persisting in 2017 2012 Savings Persisting in 2018 2012 Savings Persisting in 2019														3,626,611 3,170,243 2,888,986 2,884,030	7,580,085 4,428,570 4,349,639 4,341,604	41,730 39,059 38,243 38,249	18,917 17,824 17,491 17,491	1,845 1,723 1,686 1,689	0	0	0	0	0	0	0	0	0	
Register Figure Page 1	2012 Savings Persisting in 2020	ded above													2,766,953	4,143,673	34,960	16,148	1,537	0	0	0	0	0	0	0	0	0	
Program Prog	Table 4-c. 2013 Lost Revenues Work Form		Net Energy Services (MAN)		Net Ene	ergy Savings Persistence	(kWh)			Net Demand Savings (MA)	Not Po	eak Demand Sa	vings Persistence (kW)								Rate Alloc	ations for LRAN	IVA						
Consumer Program Consumer Pr	Program	Results Status		2014 2015 2016	2017 20	918 2019	2020	2021 2022	Monthly Multiplier		2014 2015 2016	2017 2	018 2019 2020	2021 2022	Residential	GS<50 kW	GS 50-499 kW (GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered								Total
Againer Lange Verific Samp Take 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Consumer Program Appliance Retirement	Verified	247,739			0 0	0			37	37 37 37				kWh 100.00%	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	100%
Againment 2/13 savings Tru-up 100,00%						0 0	0	0 0																				0.00%	
	3 HVAC Incentives	Verified	2,205,223	2,205,223 2,205,223 2,205,2	223 2,205,223 2,20	5,223 2,205,223	2,205,223	2,205,223 2,205,	223																				100%
	Consequation Instant Counce Booklet					120,092 3,515 246,515 61 761	246,310 761	179,109 179,1 639 639	00																				100%

5 Bi-Annual Retailer Event Adjustment to 2013 savings	Verified	674,584	674,564	633,92	0 495,212	495,212	495,212	495,212	494,628	415,954	415,954	1	46	46	44 36	5 35	35	35	30 30	100.00%														100%
Adjustment to 2013 savings Retaller Co-op	True-up Verified		_	+]								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings Residential Demand Response	True-up Verified	10,205										1	6,291							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2013 savings Residential Demand Response (IHD)	True-up Verified	10,203										1	0,231							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2013 savings	True-up											i								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
 Residential New Construction Adjustment to 2013 savings 	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Business Program 10 Retrofit Adjustment to 2013 savings	Verified True-up	18,067,400 9,316,522	17,748,73	90 17,502,5	98 17,496,056	16,694,268	16,338,838	16,338,838	16,533,703 8,876,305	15,618,446	13,239,246	12	4,348 852	4,258	4,189 4,1	87 3,943	3,870 3,	870 3,860	3,543 3,082 757 694	0.00%	9% 9.00%	64% 64.00%	23% 23.00%	10.00% 10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	106%
11 Direct Install Lighting Adjustment to 2013 savings	Verified True-up	3,914,521			•	•	•	946,790	•		•	12	1,193					•	273 273	0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%				0.00%	0.00%	0.00%		100%
12 Building Commissioning	Verified											3															0.00%	0.00%	0.00%					0%
Adjustment to 2013 savings 13 New Construction Adjustment to 2013 savings	True-up Verified			+	_							12			\pm			+		0.00%	0.00%	0.00%	0.00% 78.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
1 '	True-up Verified	211,782	211,782	211,78	2 211,782	211,782	211,782	211,782	211,782	211,782	211,782	12	98	97	98 96	7 0	0	0 1 0	98 98	0.00%	0.00%	22.00%	78.00%	6.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
14 Energy Audit Adjustment to 2013 savings 15 Small Commercial Demand Response	True-up Verified	242,768	242,768	242,78	8 242,768	0	0	0	0	0	0	12	44	44	44 44	4 0	0	0 0	0 0	0.00%	0.00%	18.00%	76.00%	6.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savinos	True-up											İ								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) 16 Adjustment to 2013 savinos	Verified True-up				+															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
17 Demand Response 3 Adjustment to 2013 savings	Verified True-up	17,169		Ē								1	1,079		Ŧ			T		0.00%	0.00%	50.00% 50.00%	50.00% 50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Industrial Program	Verifier											1 12																						0%
18 Process & System Upgrades Adjustment to 2013 savings	True-up Verified											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings	True-up											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Energy Manager Adjustment to 2013 savings	Verified True-up	3,762,469 8,343,933		3 9,626,65	21 2,025,411 53 9,624,763	1,119,420 10,523,554	25,920 11,599,054	25,920 11,599,054	25,920 11,599,054	25,920 11,590,954	25,920 11,590,964	12 12	974 891	944 944	988 88 944 94	5 724 3 1,096	25 1,795 1,	25 795 1,795	25 25 1,795 1,796	0.00%	0.00%	0.00%	30.00%	70% 70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
21 Retrofit Adjustment to 2013 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Demand Response 3 Adjustment to 2013 savings	Verified True-up	416,174										}	17,139							0.00%	0.00%	25.00% 25.00%	75.00% 75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Home Assistance Program 23 Home Assistance Program	Verified	198,590	191,464	190,81	6 172,271	165,589	158,907	156,101	155,096	69,014	68,868	1	20	19	19 18	3 18	18	18 18	13 13	100%	0.00%													100%
Adjustment to 2013 savings Aboriginal Program		273,584	266,606	265,96	1 249,158	243,290	237,427	234,199	232,774	154,230	153,858		56	56	56 55	5 54	54	54 54	50 49	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Home Assistance Program Adjustment to 2013 savinos	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2013 savings	Verified True-up											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retroft Incentive Program Adjustment to 2013 savings	Verified True-up											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22. High Performance New Construction Adjustment to 2013 savings	Verified											12								ì														0%
28 Toronto Comprehensive	True-up Verified			+	+						1	12	1		\pm			+		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings	True-up Verifiert											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings 30 LDC Custom Programs	True-up Verifieri											0			_					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings	True-up											ő								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Program Enabled Savings Adjustment to 2013 savings	Verified True-up											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings Adjustment to 2013 savings	Verified True-up											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 Retrofit (Streetlight project) Adjustment to 2013 savings	Verified True-up	5,110,764	5,110,76	5,110,76	64 5,110,764	5,110,764	5,110,764	5,110,764	4,845,772	4,699,277	4,699,277	12 12	1,494	1,494	1,494 1,4	94 1,494	1,494 1,	494 1,494	1,494 1,494	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		54,002,90	52,793,54	11 52,285,3	77 51,318,675	47,443,363	46,841,037	46,835,003	46,490,396	44,755,896	41,966,463		36,054	11,419 1	11,291 11,0	183 9,960	9,850 9,	9,836	9,447 8,923	•		40,499	23,269	22,008	17,926	0	0	0	0	0	0	0	0	=
Distribution Rate in 2013					-1					1	1			-	- 1			'		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013																				\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00	\$0.00 \$0.00 \$0.00
Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013																				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00 \$0.00
2013 Savings Persisting in 2014																				4,042,130 3,988,485	6,349,322 6,121,512	39,785 39,251	22,889 22,698	21,615 21,531	17,926 17,926	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018																				3,769,542 3,621,333 3,464,137	5,415,716 3,292,766 3,240,223	39,234 36,829 36,205	22,680 20,608 20,383	21,502 21,000 20,903	17,926 17,926 17,926	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2018 2013 Savings Persisting in 2019 2013 Savings Persisting in 2020																				3,464,137 3,458,103 3,454,883	3,240,223 3,240,223 3,229,877	36,205 36,205 36,131	20,383 20,383 20,357	20,903 20,903 20,891	17,926 17,926 17,926	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions inclu-	luded above																									
Table 4-d. 2014 Lost Revenues Work Form	Not E	to Too It Energy Ings (WM)	Net Energy Savings Persis	tence (kWh)		Monthly	Net Demand Savings (kW)		Net Peak Demai	nd Savings Persistence (kW)								Rate Alloc	ations for LRAM	TVA.						
Program	Status	2014 2015 2016 2017 2018	2019 2020	2021	2022 2023	Multiplier	2014	2015 2016	2017 2018	2019 2020 2021	2022 2023	Residential		GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
Consumer Program 1 Appliance Retirement Adjustment to 2014 savings	Verified 205 True-up	205,529 206,529 205,112 130,71	6 0 0	0	0 0		30	30 30	30 19	0 0 0	0 0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Appliance Exchange Adjustment to 2014 savings	Verified 46 True-up	46,919 46,919 46,919 0	0 0	0	0 0		26	26 26	26 0	0 0 0	0 0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3 HVAC Incentives Adjustment to 2014 savings	Verified 2,58 True-up	581,153 2,581,153 2,581,153 2,581,153 2,581,1	53 2,581,153 2,581,	53 2,581,153	2,581,153 2,581,153		1,398	1,398 1,398	1,398 1,398	1,398 1,398 1,398	1,398 1,398	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Conservation Instant Coupon Booklet Adjustment to 2014 savings	True-up	,166,247 1,069,769 1,052,672 1,052,672 1,052,6					87			79 79 79		100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retailer Event Adjustment to 2014 savings	True-up	.825,760 4,186,296 3,853,043 3,853,043 3,853,0	43 3,853,043 3,853,1	43 3,851,374	3,851,374 3,581,992		316	276 255	255 255	255 255 255	255 238	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retailer Co-op Adjustment to 2014 savings Residential Demand Response	Verified True-up	1247					7.615					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2014 savings Residential Demand Response (IHD)	Verified 1, True-up	1,247					7,815					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings	True-up	1.304 1.304 1.304 1.304 1.30	1.304 1.30	1.304	1,304 1,304						〓	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2014 savings Business Program	True-up	1,004 1,004 1,004	1,304	1,567	1,554							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.0
10 Retrofit Adjustment to 2014 savings	True-up		45 41,140,977 39,030,		37,213,808 27,982,620	12			3,131	5,808 5,538 5,538		0.00%	10% 10.00%	67% 67.00%	23% 23.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	104%
.11 Direct Install Lighting Adjustment to 2014 savings	True-up	,679,900 4,579,621 4,449,982 2,705,295 2,705,2	95 2,705,296 2,705,	96 2,705,295	2,705,295 2,705,296	12	1,348	1,322 1,288	744 744	744 744 744	744 744	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up Verified 204	204.720 204.720 204.720 204.720 204.72	0 204.720 204.7	0 204.720	175.530 175.530	3 3	120	120 120	120 120	120 120 120	110 110	0.00%	0.00%	0.00%	0.00%	9.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
12 New Construction Adjustment to 2014 savings 14 Energy Audit	True-up	.177.508 4.177.508 4.177.508 0	0 204,720 204,7	0 204,720	0 0	12 12	855	855 855	855 0		0 0	0.00%	73.00%	11.00%	0.00%	9.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	93%
Adjustment to 2014 savings	True-up Verified	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				12	243					0.00%	19.00%	60.00%	21.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

Adjustment to 2014 savinos	T04-P		0.00% 100.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Small Commercial Demand Response (IHD)	Verlied														0%
Adjustment to 2014 savinos	Tra-up	\pm	0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2014 savings	Titles		0.00% 0.00%	50.00%	50.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.0
Industrial Program 18 Process & System Upgrades Adjustment to 2014 savings	12 12 176-49 12 12 176-49 12 12 176-49 12 12 176-49 12 176-49 12 176-49		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Monitorina & Targetina Adjustment to 2014 savings	12 1769-4p 12 12 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager Adjustment to 2014 savings	Verified 3,803.879 2,876,503 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 2,372,464 12 478 385 200 200 200 200 200 200 200 200 200 20	90 290	0.00% 0.00%	0.00%	42.00% 42.00%	58.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
21 Retrofit Adjustment to 2014 savings	Verlide 12 12 17(no-tp		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Demand Response 3 Adjustment to 2014 savings	17,343 17		0.00% 0.00%	25.00% 25.00%	75.00% 75.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Home Assistance Program 13 Home Assistance Program Adjustment to 2014 savings	Verlind 734,041 728,342 644,369 618,486 962,778 560,778 560,221 560,658 265,860 265,377 99 59 55 54 52 52 52 52 62 10 10 10 10 10 10 10 10 10 10 10 10 10	36 35	100% 100.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program 24 Home Assistance Program Adjustment to 2014 savinos	Novidad Inc. 40 Inc. 4		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2014 savinos	Verlidd 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 Electricity Retroft Incentive Program Adjustment to 2014 savings	Overfied 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 High Performance New Construction Adjustment to 2014 savings	Merlidd 12 12 1704-4P 12 12 1 12 1 12 1 12 1 12 1 12 1 12 1		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Toronto Comprehensive Adjustment to 2014 savings	Verlids 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verlids 0 0		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
an LDC Custom Programs Adjustment to 2014 savings	Verfed 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 31 2013 Streetlight Project Adjustment to 2014 savings	0vrlidd 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10		0.00% 0.00%	0.00%	0.00%	0.00% 0.00	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings Adjustment to 2014 savings	Werfield 0 3,831 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	100.00% 100.00% 0.00%	0.00%	0.00%	0.00% 0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
33 LDC Pilots Adjustment to 2014 savinos	Werfield 184,241 0 0 0 0 0 0 0 0 0 12 24 0 0 0 0 0 0 0 12 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15	0 0	0.00% 0.00%	0.00%	100.00%	0.00% 0.00	% 0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Actual CDM Savings in 2014 Forecast CDM Savings in 2014	64,513,431 62,262,765 61,362,164 50,009,400 54,731,599 54,501,465 52,384,070 52,377,708 50,217,530 40,571,754 40,579 10,548 10,391 9,687 8,734 8,746 8,473 8,473 1,475 10,575 10,	146 6,965			21,417	6,337 0			0		0	0		0	_
Distribution Rate in 2014			\$0.00000 \$0.00000	\$0.00000	\$0.00000	\$0.00000 \$0.00	000 \$0.0000		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0: \$0.00 \$0: \$0.00 \$0: \$0.00 \$0: \$0.00 \$0: \$0.00 \$0:	0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2017 2014 Savings Persisting in 2019 2014 Savings Persisting in 2019 2014 Savings Persisting in 2020			8,831,912 9,702,045 8,384,989 9,572,408 8,358,689 7,772,541 8,208,736 6,978,815 8,077,950 6,968,938 8,071,393 6,757,760	54,507 54,507 53,244 47,084 46,858 44,865	20,641 20,157 19,724 17,568 17,400 16,738	5,689 0 5,022 0 4,946 0 4,946 0 4,933 0 4,802 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0	

11 of 3

Ontario Energy Board LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments 3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in 4. LDC are requested to input the applicable rate class allocation percentages to allocate actual gavings to the rate classes. The opener template is allocated in the distributor's losed forecast after rebasing. LDCs are requested to delete the applicable savinos persistence rows fauto-

Tables

Table 5-a. 2015 Lost Revenues
Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues
Table 5-e. 2019 Lost Revenues
Table 5-f. 2020 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

Table 6 a. 2010	5 Lost Revenues Work Form		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloca	tions for LRAMV	/A						
	Program	Results Status	2015	2015	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
Legacy Framew Residential Pro					kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1 Coupon Initiative Adjustment to 20	•	Verified True-up	2,173,737 502,885	141 32	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bi-Annual Retaile Adjustment to 20		Verified True-up	3,679,485 38,059	248	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Appliance Retirer Adjustment to 20		Verified True-up	60,261	9	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4 HVAC Incentives Adjustment to 20	s Initaitive 015 savings	Verified True-up	2,584,003 110,951	1,355 57	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
5 Residential New Adjustment to 20	Construction and Major 015 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & I Energy Audit Initi Adjustment to 20		Verified True-up	3,573,385 5,766,646	762 1,229	0.00%	16.00% 16.00%	71.00% 71.00%	10.00% 10.00%	2.00% 2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99%
Z Efficiency: Equip Initiative Adjustment to 20	pment Replacement Incentive	Verified True-up	45,320,196 2,784,592	6,865 462	0.00%	14.00% 14.00%	58.00% 58.00%	32.00% 32.00%	5.00% 5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	109%
Initiative	hting and Water Heating	Verified	3,360,796	810		100.00%													100%
Adjustment to 20	015 savings on and Major Renovation	True-up			0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Initiative Adjustment to 20	•	Verified True-up	931,231 573,307	305 200	0.00%	1.00%	5.00% 5.00%	94.00% 94.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
10 Existing Building	Commissioning Incentive	Verified																	0%
Adjustment to 20 Industrial Progr	-	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 Process and Sys Project Incentive	stems Upgrades Initiatives - e Initiative	Verified True-up	2,462,181	272	0.00%	0.00%	0.00%	47.06%	52.94% 52.94%	0.00%	0.009/	0.00%	0.00%	0.00%	0.00%	0.00%	0.009/	0.00%	100%
Adjustment to 20 Process and Sys 12 Monitoring and T	stems Upgrades Initiatives -	Verified	2,402,181	212	0.00%	0.00%	0.00%	47.06%	32.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	argeting initiative	verilled																	U%

Adjustment to 2015 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Process and Systems Upgrades Initiatives -	Verified	4,040,545 1,232				50.00%	50.00%										100%
Energy Manager Initiative Adjustment to 2015 savings	True-up	4,040,043	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	343,883 30	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Other Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 2013 Streetlight Project Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Loblaws Pilot Adjustment to 2015 savings	Verified True-up	183,513 14	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	Verified True-up	6,899,972 499	0.00%	0.00%	50.00% 50.00%	50.00% 50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
20 Social Benchmarking Pliot Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program	Verified																0%
Adjustment to 2015 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23 Save on Energy New Construction Program	Verified																0%
Adjustment to 2015 savings Save on Energy Home Assistance Program	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs 25 Save on Enerov Audit Funding Program Adjustment to 2015 savings	Verified True-up	77,834 17	0.00%	16.00% 16.00%	71.00% 71.00%	10.00% 10.00%	2.00% 2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99%
26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up	210,218 45	0.00% 0.00%	13.55% 13.55%	49.13% 49.13%	31.85% 31.85%	5.47% 5.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Small Business Lighting Program	Verified	210,210	0.0070		40.1070	51.55%	0.4770	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.5076	0%
Adjustment to 2015 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Process & Systems Upgrades Program	Verified																0%
Adjustment to 2015 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Monitoring & Targeting Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Retrofit Program - P4P Adjustment to 2015 savings	Verified True-up	1,731,152 341	0.00% 0.00%	13.55% 13.55%	49.13% 49.13%	31.85% 31.85%	5.47% 5.47%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Local & Regional Programs 33 Business Refrideration Local Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Verified																0%
Adjustment to 2015 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2015 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot	Verified																0%
Adjustment to 2015 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

2015 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020				9,333,037 9,323,099 9,313,160 9,288,744 9,251,709	11,372,851 10,891,329 10,980,963 10,381,252 10,354,354	73,125 73,071 73,183 70,922 70.505	47,800 46,607 46,676 44,621 44,391	13,987 12,649 12,660 12,228 12,192	0 0 0 0	0 0 0	0 0 0 0							
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAMVA in 2015				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00								
Forecast CDM Savings in 2015		07,400,032	14,021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2015	Hue-up	87,408,832	14,927	9,493,264	11,880,403	73,677	49,807	14,252	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0070	0.00%	0.00%	
Large (Pilot Savings) Adjustment to 2015 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings Toronto Hydro-Electric System Limited - PFP -	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified																	0%
Install - Hydronic (Pilot Savings) Adjustment to 2015 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc	True-up Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2015 savings	Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Verified																	0%
Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2015 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																	0%
Adjustment to 2015 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified																	0%
Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2015 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified																	0%

		Net Energy Savings (Wh) Savings (WW) Rate Allocations for LRAMVA																
Program	Results Status	2016	2016	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
Legacy Framework				kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Residential Program																		
Coupon Initiative	Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Bi-Annual Retailer Event Initiative	Verified																	0%
Adjustment to 2016 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Retirement Initiative	Verified																	0%
Adjustment to 2016 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0 /0
HVAC Incentives Initiative	Verified																	0%
Adjustment to 2016 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Residential New Construction and Major	Verified																	0%
Renovation Initiative																		070
Adjustment to 2016 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Commercial & Institutional Program																		
Energy Audit Initiative	Verified																	0%
Adjustment to 2016 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Efficiency: Equipment Replacement Incentive																		
Initiative	Verified																	09

Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	ĺ
B Direct Install Lighting and Water Heating	Verified		_														0%
Initiative Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
9 New Construction and Major Renovation	Verified																0%
Initiative Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10 Existing Building Commissioning Incentive Initiative	Verified																0%
Initiative Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program																	
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives -	rido ap		0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	
12 Monitoring and Targeting Initiative	Verified																0%
Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified																0%
Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program Low Income Initiative Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other			_														
15 Aboriginal Conservation Program Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots	ue-up		3.00%	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
17 Conservation Fund Pilot - EnerNOC Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Depot home Appliance Market uplift	Verified	2,993	100.00%														100%
Conservation Adjustment to 2016 savings	True-up	2,993	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
19 Conservation Fund Pilot - SEG	Verified																0%
Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Social Benchmarking Pliot Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs																	
21 Save on Energy Coupon Program Adjustment to 2016 savings	Verified True-up	19,370,627 1,258 2,198,074 140	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Heating and Cooling Program			_	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	
Adjustment to 2016 savings	Verified True-up	4,246,239 1,255 67,959 20	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program	Verified		_														0%
Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
Save on Energy Home Assistance Program	Verified	181,241 26	100.00%														100%
Adjustment to 2016 savings	True-up	5.,2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Verified	210,282 27	_	16.33%	71.43%	10.20%	2.04%										100%
25 Save on Energy Audit Funding Program Adjustment to 2016 savings	True-up	275,995 36	0.00%	16.33%	71.43%	10.20%	2.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2016 savings	Verified True-up	3,976,883 533 1,495,338 258	0.00%	8.57% 8.57%	38.89% 38.89%	50.46% 50.46%	2.08% 2.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 Save on Energy Retrofit Program - P4P	Verified	27,704,772 4,244		8.56%	38.82%	50.54%	2.08%										100%
Adjustment to 2016 savings	True-up	18,258,597 2,874	0.00%	8.56%	38.82%	50.54%	2.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy Retrofit Program Streetlight Project - P4P	Verified	13,378,448 2,867						100.00%									100%
Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Save on Energy High Performance New Construction Program	Verified True-up	82,648 15	0.00%	3.30% 3.30%	5.86% 5.86%	90.84% 90.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings			0.00%	3.30%	3.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 Save on Energy Process & Systems Upparades Program - P4P Adjustment to 2016 savings	Verified True-up	10,957,531 1,596 13,179,466 1,888	0.00%	0.00%	0.00%	47.06% 47.06%	52.94% 52.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Monitoring & Targeting		1,000	0.0073	0.0070	0.00%	47.0070	02.0470	0.00%	0.0070	0.0070	0.0070	0.00%	0.5070	0.0070	0.0070	0.0070	
Program Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Energy Manager Drogram	Verified	388 603 53				57.01%	42.99%										100%
32 Save on Energy Energy Manager Program																	
Adjustment to 2016 savings	True-up	388,603 53 1,041,428 32	0.00%	0.00%	0.00%	57.01%	42.99%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 savings Local & Regional Programs		000,000	0.00%	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

33	Business Refrigeration Local Program Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	First Nation Conservation Local Program Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Social Benchmarking Local Program Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Billet Berrane																	
36	Pilot Programs Truckload Event Pilot Program Adjustment to 2016 savings	Verified True-up	1,067,232	67 100.009 100.009		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
37	EnWin Utilities Ltd Building Optimization Pilot	Verified																0%
- 1	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2016 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Horizon Utilities Corporation - ECM Furnace	Verified																0%
35	Motor Pilot Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	U%
40	Horizon Utilities Corporation - Social	Verified																0%
- 1	Benchmarking Pilot Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified																0%
	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																0%
	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified																0%
	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Verified																0%
	Agricultural Sector Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
45	Oakville Hydro Electricity Distribution Inc	Verified																0%
- 1	Direct Install - Hydronic Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46	Oakville Hydro Electricity Distribution Inc	Verified																0%
į.	Direct Install - RTU Controls Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified																0%
- 1	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48 I	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified																0%
	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP -	Verified																0%
	Large (Pilot Savings) Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
	Actual CDM Savings in 2016		118,084,356 1	17,188 27,134,3	65 4.485.570	37.399	68.453	24,562	34.402	0	0	0	0	0	0		0	
ĺ	Forecast CDM Savings in 2016		,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2015 programs Total Lost Revenues in 2016 From 2016 programs Fordal Lost Revenues in 2016 Forceast Lost Revenues in 2016 LRAMVA in 2016			\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
	2016 Savings Persisting in 2017 2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020			27,134,3 27,134,3 27,134,3 27,134,3	35 4,525,748 35 4,525,748	37,748 37,849 37,849 37,849	68,764 68,602 68,602 68,602	24,473 24,257 24,257 24,257	34,402 34,402 34,402 34,402	0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	

Table 5-c. 2017 Lost Revenues Work Form Return to top

			Net Demand Savings (kW)							Rate Alloca	tions for LRAM	IVA						
Program	Results Status	2017	2017	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
Legacy Framework Residential Program				kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	<u> </u>
Coupon Initiative Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

2 Bi-Annual Retailer Event Initiative	Verified																0%
Adjustment to 2017 savings Appliance Retirement Initiative	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4 HVAC Incentives Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program	Verified		0.0070	0.0070	0.0070	0.0070	0.00%	0.3070	0.0070	0.0070	0.0070	0.0070	0.3070	0.0070	0.0070	0.0070	0%
6 Energy Audit Initiative Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	U%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Main December			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program	11de-ap		0.0070	0.00%	0.0070	0.0076	0.0076	0.0070	0.0070	0.0070	0.00%	0.0070	0.00%	0.00%	0.0076	0.0076	
Process and Systems Upgrades Initiatives - Proiect Incentive Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified																0%
Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program 14 Low Income Initiative	Verified																0%
Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
15 Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework	•																
Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified True-up	42,310,076 2,918 28,053 2	1.00 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program	Verified	3,731,148 1,078	1.00														100%
Adjustment to 2017 savings	True-up	413,024 206	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23 Save on Energy New Construction Program Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Home Assistance Program	Verified	397,474 88	1.00														100%
Adjustment to 2017 savings	True-up		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Enerov Audit Funding Program Adjustment to 2017 savings	Verified True-up	3,070,682 136 114,853 3	0.00%	0.00%	0.70 50.00%	0.28 50.00%	0.02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2017 savings	Verified True-up	195,727 7	0.00%	0.43 42.56%	0.57 57.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27 Save on Energy Retrofit Program - P4P Adjustment to 2017 savings	Verified True-up	19,225,381 3,007 32,727,115 5,401	0.00%	0.09 11.53%	0.52 71.21%	0.34 13.39%	0.06 4.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Save on Energy Small Business Lighting Program Adjustment to 2017 savings	Verified True-up	2,328,516 459 1,936 1	0.00%	0.87	0.13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

1																		1
Construction Program	Verified True-up	312,866 107,520	38 16	0.00%	21.62%	75.22%	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
30 Save on Energy Process & Systems	Verified	,																0%
Upgrades Program	True-up	250,704		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Verified	347,669	52		0.66	0.32	0.02											100%
Save on Energy Energy Manager Program	True-up			0.00%	66.33%	31.92%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>u. </u>	Verified True-up	1,781,169 1,714,593	326	0.00%	0.00%	0.16 16.47%	0.60 59.96%	0.24 23.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	Verified	1,574,624	132		0.83	0.16	0.00											100%
34 Smart Thermostat Program	True-up Verified	70.000		0.00%	83.50%	16.39%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up Verified	70,998		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Enersource Hydro Mississauga Inc Whole Home Pilot Program	Verified	787,353	60	1.00														100%
_	True-up			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pilot	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot	Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Haring Hilliam Committee COM Committee	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	J.UU%	U.UU%	0.00%	0.00%	0.00%	0.00%	0%
Motor Pilot	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	Verified																	0%
	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
'	Verified																	0%
Vitabasas Wilman I I Inda Ing Bilat BOW	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified																	0%
	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Ostrilla I I odas Electristis Distribution las	Verified																	0%
Direct Install - RTU Controls	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Install - Hydronic (Pilot Savings)	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct	Verified																	0%
	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Large (Pilot Savings)	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings Actual CDM Savings in 2017	True-up	111,491,481	13,929	47,667,129	9,136,341	67,941	24,189	5,660	0.00%	0.00%	0.00%	0.00%	0	0.00%	0.00%	0.0070	0.00%	
Forecast CDM Savings in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00000	
Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2017 programs Total Lost Revenues in 2017 Forcast Lost Revenues in 2017 LRAMVA in 2017				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
l .																		ı

2017 Savings Persisting in 2018	39,398,074	9,139,893	67,856	23,870	5,534	0	0	0	0	0	0	0	0	0	
2017 Savings Persisting in 2019	39,398,074	9,062,379	67,708	23,373	5,339	0	0	0	0	0	0	0	0	0	
2017 Savings Persisting in 2020	39 398 074	8 901 859	67.490	22 763	5.099	0	0	n	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

	Note: LDC to make note of key assumptions include	ded above																	
	Table 5-d. 2018 Lost Revenues Work Form		Return to top Net Energy	Net Demand Savings (kW)							Pate Alleca	ations for LRAMV	1 A						
	Program	Results Status	Savings (kWh) 2018	Savings (kW) 2018	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load	SHOTIS TOT ENAME							Total
	Legacy Framework Residential Program				kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1	Coupon Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2	Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
3	Appliance Retirement Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4	HVAC Incentives Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
5	Residential New Construction and Major Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>6</u>	Commercial & Institutional Program Energy Audit Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
7	Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>8</u>	Direct Install Lighting and Water Heating Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	New Construction and Major Renovation	Verified			0.00%	0.00%	0.00%	0.00%	0.0070	0.0076	0.00%	0.0078	0.0070	0.0076	0.00%	0.00%	0.0076	0.0070	0%
<u>10</u>	Adjustment to 2018 savings Business Refrigeration Program	True-up Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Adjustment to 2018 savings Industrial Program Process and Systems Upgrades Initiatives -	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Project Incentive Initiative Adjustment to 2018 savings Process and Systems Upgrades Initiatives -	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
12	Monitoring and Targeting Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>13</u>	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified																	0%
	Adjustment to 2018 savings Low Income Program	True-up Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Low Income Initiative Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15	Aboriginal Conservation Program Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>16</u>	Program Enabled Savings Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>17</u>	Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18	Loblaws Pilot Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19	Conservation Fund Pilot - SEG Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>20</u>	Social Benchmarking Pliot Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>21</u>	Conservation First Framework Residential Province-Wide Programs Instant Discount Program Adjustment to 2018 savings	P/C Report Post P/C Report	8,811,076	758	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
05	Save on Energy Heating and Cooling Program		4 000 70-	070		0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.00 /8	0.0070	0.0070	0.0070	0.0076	1000/
<u>22</u>	Adjustment to 2018 savings	P/C Report Post P/C Report	1,320,767 96,460	673 49	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23	Save on Energy Coupon Program Adjustment to 2018 savings	P/C Report Post P/C Report	28,053	2	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	I .																		

	Energy Home Assistance Program	P/C Report																0%
Adjustme	ent to 2018 savings	Post P/C Report		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	sidential Province-Wide Programs Energy Audit Funding Program	P/C Report	313,555 14			53.33%	46.67%											100%
Adjustme	ent to 2018 savings	Post P/C Report	666,450 30	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10070
Adjustme	Energy Retrofit Program - FCR ent to 2018 savings	P/C Report Post P/C Report	1,132,801 197 799,654 139	0.00%	0.00%	13.08% 13.08%	71.19% 71.19%	15.42% 15.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	Energy Small Business Lighting	P/C Report	1,493,987 243			18.18%	77.71%											96%
Adjustme	ent to 2018 savings	Post P/C Report	307,286 50	0.00%	0.00%	18.18%	77.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Construc	Energy High Performance New ction Program	P/C Report	502,794 16				99.56%											100%
	ent to 2018 savings	Post P/C Report	712,974 23	0.00%	0.00%	0.00%	99.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustme	Energy Retrofit Program - P4P ent to 2018 savings	P/C Report Post P/C Report	8,313,336 1,360 61,637,548 10,085	0.00%	14.96% 14.96%	39.68% 39.68%	37.43% 37.43%	6.97% 6.97%	0.00%	1.19% 1.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
30 Save on Upgrade:	Energy Process & Systems is Program	P/C Report	119,485 0			100.00%												100%
-	ent to 2018 savings	Post P/C Report	387,307 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Program	Energy Monitoring & Targeting	P/C Report	106,000			100.00%												100%
	ent to 2018 savings	Post P/C Report		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Energy Energy Manager Program	P/C Report	986,768				100.00%											100%
	ent to 2018 savings Regional Programs	Post P/C Report		0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business	s Refrigeration Local Program	P/C Report Post P/C Report	782,701 77	0.00%	42.85% 42.85%	55.83% 55.83%	0.00%	0.00%	0.00%	1.26% 1.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
34 Smart Th	ent to 2018 savings	P/C Report	236,486	100.00%	42.0370	33.6376	0.00%	0.00%	0.00%	1.2070	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustme	ent to 2018 savings	Post P/C Report	230,400	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
35 Social Be	enchmarking Local Program ent to 2018 savings	P/C Report Post P/C Report		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	ograms																	
Enersour 36 Performa	rce Hydro Mississauga Inc ance-Based Conservation Pilot	Verified																0%
Program	ı - Conservation Fund ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Jtilities Ltd Building Optimization	Verified																0%
	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Jtilities Ltd Re-Invest Pilot	Verified																0%
Adjustme	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Motor Pil	Utilities Corporation - ECM Furnace ilot	Verified																0%
	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Benchma	Utilities Corporation - Social arking Pilot	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41 Regulation	ttawa Limited - Conservation Voltage on (CVR) Leveraging AMI Data Pilot	Verified																0%
Adjustme	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ot 42 Respons	ttawa Limited - Residential Demand se Wi-Fi Thermostat Pilot	Verified																0%
	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	er-Wilmot Hydro Inc Pilot - DCKV	Verified																0%
_	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0,0
	on-the-Lake Hydro Inc Direct Install																	
Agricultu	Efficiency Measures for the ural Sector	Verified		0.5551	0.577	0.0551	0.0554	0.0554	0.0771	0.077	0.0551	0.0001	0.05**	0.00**	0.0551	0.05**	0.000	0%
0-1	ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Ins	Hydro Electricity Distribution Inc stall - Hydronic ent to 2018 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
0akville	Hydro Electricity Distribution Inc	Verified																0%
	stall - RTU Controls ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47 Toronto I	Hydro-Electric System Limited - Direct	Verified																0%
install - r	Hvdronic (Pilot Savings) ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto I	Hydro-Electric System Limited - Direct RTU Controls (Pilot Savings)	Verified																0%
	RTU Controls (Pilot Savings) ent to 2018 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	078
Aujustifit	on to 2010 savings	nue-up		0.00%	0.00%	0.0076	0.0076	0.0076	0.00%	0.0076	0.0076	0.0070	0.0070	0.00%	0.0070	0.0076	0.0076	

Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2018		88,755,488	13,716	10,492,843	10,797,083	56,456	57,720	10,189	0	839,025	0	0	0	0	0	0	0	
Forecast CDM Savings in 2018				35,842,920	39,519,293	19,284	16,135	15,417	61,001	0	0	0	0	0	0	0	0	
Distribution Rate in 2018				\$0.00460	\$0.01280	\$4.64900	\$2.39230	\$2.96930	\$11.61580	\$0.01650	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2018 from 2011 programs				\$19.667.86	\$79.288.92	\$173.129.96	\$40.363.12	\$1.012.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$313,461.92
Lost Revenue in 2018 from 2012 programs				\$13,289.33	\$55,675.38	\$177,793.61	\$41.843.59	\$5,007.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$293,609.26
Lost Revenue in 2018 from 2013 programs				\$15,935.03	\$41,474.85	\$168,317.97	\$48,763.36	\$62,067.18	\$208,229.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$544,788.19
Lost Revenue in 2018 from 2014 programs				\$37,760.18	\$89,328.83	\$218,894.43	\$42,027.70	\$14,687.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$402,698.56
Lost Revenue in 2018 from 2015 programs				\$42,840.54	\$140,556.33	\$340,229.03	\$111,662.21	\$37,592.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$672,880.86
Lost Revenue in 2018 from 2016 programs				\$124,818.08	\$57,929.57	\$175,961.52	\$164,116.12	\$72,026.12	\$399,607.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$994,459.23
Lost Revenue in 2018 from 2017 programs				\$181,231.14	\$116,990.64	\$315,460.96	\$57,104.46	\$16,432.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$687,219.72
Lost Revenue in 2018 from 2018 programs				\$48,267.08	\$138,202.66	\$262,461.98	\$138,084.40	\$30,254.14	\$0.00	\$13,843.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$631,114.16
Total Lost Revenues in 2018				\$483,809.25	\$719,447.17	\$1,832,249.46	\$643,964.96	\$239,079.54	\$607,837.60	\$13,843.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,540,231.90
Forecast Lost Revenues in 2018				\$164,877.43	\$505,846.95	\$89,651.32	\$38,599.76	\$45,777.70	\$708,575.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,553,328.57
LRAMVA in 2018																		\$2,986,903.32
2018 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

1	lote: Alectra relied on the Participation and Cost I	Report (P/C) and t	true up any savings	subsequent to P/C	report based on t	he CDM listing on	closed/paid proje	ects											
	able 5-e. 2019 Lost Revenues Work Form		Return to top																
			Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloc	ations for LRAN	IVA						
	Program	Results Status	2019	2019	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
	egacy Framework Residential Program				kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1 (Coupon Initiative Idjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 E	Bi-Annual Retailer Event Initiative adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
3	appliance Retirement Initiative adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	IVAC Incentives Initiative adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Residential New Construction and Major adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>6</u> E	Commercial & Institutional Program Energy Audit Initiative Indiustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>z</u> [Efficiency: Equipment Replacement Incentive	Verified																	0%
4	Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
۱ ^۳	Direct Install Lighting and Water Heating nitiative Idjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
9 I	lew Construction and Major Renovation nitiative djustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 E	Existing Building Commissioning Incentive	Verified																	0%
-	djustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 F	Process and Systems Upgrades Initiatives - Prolect Incentive Initiative Adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified																	0%
A	djustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
- E	Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>14</u> L	ow Income Program ow Income Initiative	Verified			0.00%	0.00%	0.000/	0.00%	0.000/	0.000/	0.00%	0.000/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Adjustment to 2019 savings	True-up Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4	Aboriginal Conservation Program Adjustment to 2019 savings Program Enabled Savings	True-up Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
A	rogram Enabled Savings kdjustment to 2019 savings Conservation Fund Pilots	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	076
17 (Conservation Fund Pilots Conservation Fund Pilot - EnerNOC adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	oblaws Pilot djustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

1																1
19 Conservation Fund Pilot - SEG Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs																
21 Save on Energy Coupon Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program	Verified															0%
Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23 Save on Energy New Construction Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program	Verified															0%
Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Small Business Lighting Program	Verified															0%
Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Existing Building Commissioning Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Process & Systems Upgrades Program Upgrades Program 2010 on incoming	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings Save on Energy Monitoring & Targeting	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Program Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
32 Save on Energy Energy Manager Program	Verified															0%
Adjustment to 2019 savings Local & Regional Programs	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business Refrigeration Local Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc																
26 Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
EnWin Utilities Ltd Building Optimization	Verified															0%
Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - Social	Verified															0%
Benchmarking Pilot Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified															0%
Adjustment to 2019 savings Hvdro Ottawa Limited - Residential Demand	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Response Wi-Fi Thermostat Pilot	Verified															0%
Adjustment to 2019 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2019 savings	Verified True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

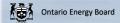
Mispanic non-the-late Hydro (no Direct Installs Energy Elementy (No Direct Installs Floridation (no Direct																				
25 Oskville hydrot Electricity Distribution Inc Oskville hydrot Electricity Distributio	44	Energy Efficiency Measures for the Agricultural Sector				0.000/	0.00%	0.000	0.00%	0.000/	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.000/	0.00%	0%
20		Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install A PUL Controls Adjustment to 2019 savings True-up	43	Direct Install - Hydronic				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
		Direct Install - RTU Controls				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Binstail - RTU Corntrols (Pide Savings) Verified Adjustment to 2019 savings True-up	<u>47</u>	Install - Hydronic (Pilot Savings)				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings Verified Ve		,	rrue-up		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - PFP - Verified Adjustment to 2019 savings in 2019		Install - RTU Controls (Pilot Savings)																		0%
True-lip		Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2019 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	49	Large (Pilot Savings)																		0%
Proceast CDM Savings in 2019 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Proceast CDM Savings in 2019 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Actual CDM Savings in 2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Los Revenue in 2019 from 2014 programs						0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019 Savings Persisting in 2020 0 0 0 0 0 0 0 0 0 0 0 0		Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2018 programs Total Lost Revenues in 2019 Forcast Lost Revenue in 2019 from 2019 Forcast Lost Revenues in 2019				\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form	Return to top																
	Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alloc	ations for LRAN	IVA						
Program Results Status	2020	2020	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load								Total
Legacy Framework			kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Actual CDM Savings in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2020			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2020 Led Revenue in 2020 from 2011 programs Leds Revenue in 2020 from 2012 programs Leds Revenue in 2020 from 2012 programs Leds Revenue in 2020 from 2013 programs Leds Revenue in 2020 from 2014 programs Leds Revenue in 2020 from 2014 programs Leds Revenue in 2020 from 2015 programs Leds Revenue in 2020 from 2016 programs Leds Revenue in 2020 from 2019 programs Leds Revenue in 2020 from 2019 programs Leds Revenue in 2020 from 2019 programs Leds Revenue in 2020 from 2020 programs Total Leds Revenues in 2020 Forecast Leds Revenues in 2020 Forecast Leds Revenues in 2020 ERAMVA in 2020			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Return to top



LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Total

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00 \$0.00

Legend

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

Instructions

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
- 2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
- 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Table 6 Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50-499 kW	GS 500-4999 kW	Large Use	Street Lighting	Unmetered Scattered Load			
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q4 2012 Q1	1.47%	Apr-11	2011	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	_
2012 Q1 2012 Q2	1.47%	May-11 Jun-11	2011	Q2 Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	_
2012 Q2 2012 Q3	1.47%	Jul-11	2011	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2012 Q4	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q2	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2013 Q3	1.47%	Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2013 Q4 2014 Q1	1.47%	Dec-11 Total for 2011	2011	Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2014 Q1 2014 Q2	1.47%	Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-
2014 Q2 2014 Q3	1.47%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2014 Q4	1.47%	Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q1	1.47%	Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q2	1.10%	Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2015 Q3	1.10%	Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2015 Q4 2016 Q1	1.10%	May-12 Jun-12	2011-2012	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2016 Q1 2016 Q2	1.10%	Jul-12	2011-2012	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2016 Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2016 Q4	1.10%	Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2017 Q1	1.10%	Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2017 Q2	1.10%	Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2017 Q3	1.10%	Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2017 Q4 2018 Q1	1.50%	Total for 2012 Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
018 Q1	1.89%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
018 Q3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ξ
019 Q2	2.18%	Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2019 Q3	2.18%	May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2019 Q4 2020 Q1	2.18%	Jun-13 Jul-13	2011-2013 2011-2013	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2020 Q1 2020 Q2	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q2 2020 Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2020 Q4	0.57%	Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q1		Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q2		Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2021 Q3		Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2021 Q4 2022 Q1		Amount Cleared Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2022 Q1 2022 Q2		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2022 Q3		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2022 Q4		Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2023 Q2		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2023 Q3		Jun-14 Jul-14	2011-2014	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	_
2023 Q4 2024 Q1		Jul-14 Aug-14	2011-2014	Q3 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
		Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q2		Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q2 2024 Q3			2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q3 2024 Q4		Nov-14			0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ξ
2024 Q3 2024 Q4 2025 Q1		Dec-14	2011-2014	Q4	0.12%										
2024 Q3 2024 Q4 2025 Q1 2025 Q2		Dec-14 Total for 2014		Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_
2024 Q3 2024 Q4 2025 Q1 2025 Q2 2025 Q2		Dec-14 Total for 2014 Amount Cleared		Q4	0.12%	\$0.00									
2024 Q3 2024 Q4 2025 Q1 2025 Q2		Dec-14 Total for 2014 Amount Cleared Opening Balan	ce for 2015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2024 Q3 2024 Q4 2025 Q1 2025 Q2 2025 Q2		Dec-14 Total for 2014 Amount Cleared		Q1 Q1	0.12% 0.12% 0.12%	\$0.00									

April Apri																			
Angle																			
A. 1. 1. 1. 1. 1. 1. 1.																			
March Marc																			
April 17590 1759	Aug-15		Q3	0.09%		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					\$0.00	\$0.00	\$0.00	\$0.00	
Section Sect																			
The column																			
Table Tabl																			
Company Declarate Part		2011 2010		0.0070															
April 201-250																			
Teach Striction Control Cont		ce for 2016																	
The color of the																			
March Marc																			
American American																			
April Apri																			
April 2012-2016 Col. DOP DOS D																			
Online O																			
The Case 1.5																			\$0.00
Decot 2011-2019																			
Train to 2015																			
Common Name Common Name					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
March 2014 171 011 00700 1800 50																			
Feb 1 2011-2071 01 0090 500			01	0.09%															
Mar.																			
Mary 1	Mar-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
March Series March Series March Series Seri																			
April 2012/077 Col. 2009/6, 8500																			
Aug. 201-2077 CO 0.009% 8000 900																			
Control Cont		2011-2017			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
No. 17 271-2017 O4 0.1796 50.00 50		2011-2017											\$0.00						
Descript 2017-2017 Personal Property P								\$0.00	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00				\$0.00
Prince P						\$0.00		\$0.00	\$0.00				\$0.00	\$0.00	\$0.00				
Content Cont					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
June 18 2011-2018 O1 0.15% 53.00 50.00 5																			
Feb 8 2011-2018 O1 0.178 53.322 52.25 5181-22 56.00 50.00			01	0.13%															\$0.00
April	Feb-18	2011-2018	Q1	0.13%	\$33.22	\$22.25	\$181.52	\$63.06	\$20.14			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$311.14
May-18 2011-2018 Q2 0.16% \$107.44 \$112.14 \$112.14 \$191.46 \$317.82 \$101.48 \$352.89 \$727 \$50.00										-\$20.99									\$622.27
Jul-18 2011-2018 C2																			
Jul-18																			
Sep-18 2011-2018 O.3			Q3		\$251.16		\$1,372.30	\$476.73	\$152.23	-\$79.33	\$10.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,352.19
Cell 2011-2018 Oct 0.00 S.0																			
Nov-16 2011-2018 O.4																			
Total for 2018 \$2,222.88 \$1,957.56 \$15,970.19 \$5,647.92 \$1,777.59 \$492.322 \$128.67 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$27,373.72 Amount Cleared Opaning Balance for 2019 \$2,222.88 \$1,957.56 \$15,970.19 \$55,479.22 \$1,777.59 \$492.22 \$20.00 \$					\$480.61			\$912.25					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Amount Cleared Copening Balance for 2019 1 12,922.88 11,975.68 11,975.01 15,547.92 11,715.13 -922.32 112.887 130.00 150.00		2011-2018	Q4	0.18%															
Comming Balance for 2019 \$2,222.88 \$1,937.56 \$15,970.19 \$5,473.12 \$1,777.15 \$4,920.22 \$128.97 \$3,000 \$30.00					\$2,922.88	\$1,957.56	\$15,970.19	\$5,547.92	\$1,771.53	-\$923.22	\$126.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,373.72
Jan-19 2011-2019 Q1 0.20% 5661.15 5436.10 S3.567.80 S1.235.95 S394.66 -\$205.67 S28.26 S0.00	Opening Balan	ce for 2019			\$2,922.88	\$1,957.56	\$15,970.19	\$5,547.92	\$1,771.53	-\$923.22	\$126.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,373.72
May-19 2011-2019 O1 0.20% S651.15 \$438.0 \$31.6572 \$1.099.75 \$351.17 \$418.01 \$52.15 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.426.21 \$1.099.75 \$351.17 \$418.01 \$52.15 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.426.21 \$1.099.75 \$1	Jan-19	2011-2019			\$651.15	\$436.10	\$3,557.80	\$1,235.95	\$394.66	-\$205.67	\$28.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$6,098.26
Apr-19																			
May-19 2011-2019 Q2 0.18% \$579.39 \$388.04 \$3.165.72 \$1.090.75 \$351.17 \$4183.01 \$25.15 \$0.00			Q2		\$579,39		\$3,557.80						\$0.00 \$0.00						
Jul-19 2011-2019 Q2 0.18% \$579.39 \$388.04 \$3.165.72 \$1.099.75 \$351.17 \$4183.01 \$25.15 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.429.21	May-19	2011-2019	Q2	0.18%	\$579.39	\$388.04	\$3,165.72	\$1,099.75	\$351.17	-\$183.01	\$25.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,426.21
August 19		2011-2019	Q2	0.18%	\$579.39	\$388.04	\$3,165.72	\$1,099.75	\$351.17	-\$183.01	\$25.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,426.21
Sep-19 2011-2019 O.3 0.18% \$579.39 \$388.04 \$3,165.72 \$1,099.75 \$351.17 \$4183.01 \$25.15 \$0.00		2011-2019																	\$5,426.21
Cot-19 2011-2019 O4 0.18% 5579.39 5388.04 53.165.72 51.099.75 5351.17 5183.01 525.15 50.00 5	Sep-19				\$579.39														
Dec-19 2011-2020 O4 0.18% \$579.39 \$388.04 \$3.165.72 \$1.090.75 \$351.17 \$183.01 \$25.15 \$0.00 \$	Oct-19				\$579.39														
Total for 2019 \$10,090.87 \$6,758.22 \$55,136.08 \$19,153.50 \$50,15.09 \$50,15.09 \$50,00 \$50.00																			
Amount Cleared Amount Cleared		2011-2019	Ų4	U.18%					\$351.17 \$6,115.99										
Section Sect	Amount Cleared																		
Feb-20 2011-2020 Q1 0.18% \$579.39 \$388.04 \$3.165.72 \$1.090.76 \$351.17 \$183.01 \$25.15 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.408.21 \$4.720 \$0.011.2020 Q2 0.18% \$579.39 \$388.04 \$3.165.72 \$1.090.76 \$351.17 \$183.01 \$25.15 \$0.00 \$0.0	Opening Balan	ce for 2020																	
May-20 2011-2020 C1 0.18% 5579.39 \$388.04 \$3.165.72 \$1.090.75 \$351.17 \$4183.01 \$25.15 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.462.21 \$1.090.75 \$351.17 \$4183.01 \$25.15 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$5.462.21 \$1.090.75 \$351.17 \$4183.01 \$25.15 \$0.00 \$0.0			Q1 01										\$0.00	\$0.00	\$0.00				
Apr-20 2011-2020 Q2 0.18% \$579.39 \$388.04 \$3.165.72 \$1.090.75 \$351.17 \$183.01 \$25.15 \$0.00 \$																			
1.00-20 2011-2020 22 0.18% \$579.39 \$388.04 \$3.165.72 \$1.099.75 \$3351.17 \$183.01 \$225.15 \$0.00	Apr-20	2011-2020	Q2	0.18%	\$579.39	\$388.04	\$3,165.72	\$1,099.75	\$351.17	-\$183.01	\$25.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,426.21
141-20 2011-2020 O3 0.05% 5151.49 5101.46 5827.73 5287.55 S91.62 5-47.85 56.58 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 51.418.78																			
Aug-20 2011-2020 Q3 0.05% \$151.49 \$101.46 \$827.73 \$287.55 \$91.82 \$-\$47.85 \$6.58 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,418.78 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,418.78 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,418.78 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,418.78 \$0.00																			
Sep-20 2011-2020 O.3 0.05% \$151.49 \$101.46 \$827.73 \$287.55 \$91.62 -\$47.85 \$5.58 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$14.47.87 Nov-20 2011-2020 O.4 0.05% \$151.49 \$101.46 \$827.73 \$287.55 \$91.62 -\$47.85 \$5.58 \$0.00	Aug-20	2011-2020	Q3	0.05%	\$151.49	\$101.46	\$827.73	\$287.55	\$91.82	-\$47.85	\$6.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,418.78
Nov-20 2011-2020 Q4 0.05% \$151.49 \$101.46 \$827.73 \$287.55 \$91.82 \$47.85 \$6.58 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.418.78 \$0.00 \$0.00 \$1.418.78 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.418.78 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.418.78 \$0.00 \$0	Sep-20				\$151.49				\$91.82		\$6.58	\$0.00	\$0.00	\$0.00	\$0.00				
Dec-20 2011-2020 Q4 0.05% \$151.49 \$101.46 \$827.73 \$287.55 \$91.62 -\$47.85 \$6.58 \$0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
Total for 2020 \$14,476.18 \$9,695.23 \$79,095.80 \$27,477.27 \$8,773.89 \$-\$4,572.45 \$628.37 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$135,574.30 Amount Cleared																			
		2011 2020		0.0070															
Opening Balance for 2021 \$14,476.18 \$9,695.23 \$79,095.80 \$27,477.27 \$8,773.89 \$44,572.45 \$628.37 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$135,574.30																			
	Opening Balan	ce for 2021		l	\$14,476.18	\$9,695.23	\$79,095.80	\$27,477.27	\$8,773.89	-\$4,572.45	\$628.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$135,574.30

Supporting Documentatio LDC Persistence Savings Results f

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

Instructions (Steps)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B
- 2. Please identify the source of the report via the dropdown list in Column I.
- 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking
- 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an
- 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below mate

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	#1					#3	#2	#4	#1
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verific
									2011
Tier 1	Consumer	Appliance Exchange	Enersource Hydro Mississauga Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	10
Tier 1	Consumer	Appliance Retirement	Enersource Hydro Mississauga Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	110 66
Tier 1	Consumer	Bi-Annual Retailer Event	Enersource Hydro Mississauga Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	
Tier 1	Consumer	Conservation Instant Coupon Booklet	Enersource Hydro Mississauga Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	47
Tier 1	Consumer	HVAC Incentives	Enersource Hydro Mississauga Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	1,995
Tier 1	Consumer	Residential Demand Response	Enersource Hydro Mississauga Inc.	Residential	DR	2011	2011 Results Persistence	Current year savings	298
Tier 1	Consumer	Retailer Co-op	Enersource Hydro Mississauga Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	0
Tier 1	Business	Demand Response 3 (part of the Industrial pr	o Enersource Hydro Mississauga Inc.	Commercial & Institutional	DR	2011	2011 Results Persistence	Current year savings	1,800
Tier 1	Business	Direct Install Lighting	Enersource Hydro Mississauga Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	3,359
Tier 1	Business	Retrofit	Enersource Hydro Mississauga Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	2,236
Tier 1	Industrial	Demand Response 3	Enersource Hydro Mississauga Inc.	Industrial	DR	2011	2011 Results Persistence	Current year savings	3,236
Tier 1	Industrial	Retrofit	Enersource Hydro Mississauga Inc.	Industrial	EE	2011	2011 Results Persistence	Current year savings	422
Tier 1	Pre-2011 Pro	Electricity Retrofit Incentive Program	Enersource Hydro Mississauga Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	2,148
Tier 1	Pre-2011 Pro	og High Performance New Construction	Enersource Hydro Mississauga Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	161
Tier 1	Pre-2011 Pro	Multifamily Energy Efficiency Rebates	Enersource Hydro Mississauga Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	0
Tier 1	Business	Direct Install Lighting	Enersource Hydro Mississauga Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Business	Retrofit	Enersource Hydro Mississauga Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Business	Energy Audit	Enersource Hydro Mississauga Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Business	High Performance New Construction	Enersource Hydro Mississauga Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Appliance Exchange	Enersource Hydro Mississauga Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Appliance Retirement	Enersource Hydro Mississauga Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Bi-Annual Retailer Event	Enersource Hydro Mississauga Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Conservation Instant Coupon Booklet	Enersource Hydro Mississauga Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	HVAC Incentives	Enersource Hydro Mississauga Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Residential Demand Response	Enersource Hydro Mississauga Inc.	Residential	DR	2012	2012 Results Persistence	Current year savings	0
Tier 1	Home Assist	a Home Assistance Program	Enersource Hydro Mississauga Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Industrial	Demand Response 3	Enersource Hydro Mississauga Inc.	Industrial	DR	2012	2012 Results Persistence	Current year savings	0
Tier 1	Pre-2011 Pro	og High Performance New Construction	Enersource Hydro Mississauga Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0

n:

rom IESO

Version 5.0 (2021)

to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

ng on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

ch those provided by the IESO.

ed Annual Peak Demand Savings at the End-User Level (kW)

2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
10	10	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	110	109	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	66	66	61	56	46	45	55	26	4	4	4	3	3	3	-	-	-	-	-	-	-	-	-	-	-
47	47	47	44	41	35	34	40	23	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-
1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,995	1,577	-	-	-	-	-	-	-	-
-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,359	3,274	2,887	2,887	2,867	415	407	407	407	371	371	18	18	18	-	-	-	-	-	-	-	-	-	-	-	-
2,236	2,236	2,236	2,236	2,236	2,236	2,236	1,733	1,733	411	411	411	411	411	-	-	-	-	-	-	-	-	-	-	-	-
-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
422	422	422	422	422	422	422	402	402	129	129	129	129	129	-	-	-	-	-	-	-	-	-	-	-	-
2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	161	161	161	161	161	161	161	161	161	161	161	161	161	96	96	96	96	96	96	96	96	96	96	96	-
0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,340	1,340	1,294	1,093	1,093	241	241	233	233	233	221	221	16	16	16	0	0	0	0	0	0	0	0	0	0	0
4,531	4,500	4,452	4,392	4,392	4,118	4,020	4,020	3,671	2,361	2,317	2,317	810	640	640	176	137	137	137	137	0	0	0	0	0	0
192	192	192	192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	0	0	0	0	0	0	0	0	0	0	0
17	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	59	59	58	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	58	58	58	53	45	34	34	34	22	8	8	8	8	8	8	2	2	2	2	0	0	0	0	0	0
9	9	9	9	9	9	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	1,202	909	0	0	0	0	0	0	0
1,262	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	38	38	38	38	38	38	38	32	31	31	31	29	29	25	24	24	24	24	24	0	0	0	0	0	0
3,670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189	189	189	189	189	189	189	189	189	189	189	189	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#1
Net Verified Annual Energy Savings at the End-User Level (kWh)

2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
-	-	-	11,343	11,343	11,343	5,414	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	812,064	812,064	812,064	811,350	618,340	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1,153,895	1,153,895	1,153,895	1,153,895	1,054,575	946,072	713,278	710,676	918,499	294,738	106,126	93,420	93,420	68,994	68,994	62,689	-
-	-	-	763,430	763,430	763,430	763,430	702,240	635,393	498,237	495,051	623,089	238,796	75,884	61,290	61,290	56,171	56,171	54,539	-
-	-	-	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070	3,614,070
-	-	-	773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	87	87	87	87	87	87	49	49	49	12	-	-		-	-	-	-
-	-	-	70,271	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	8,483,296	8,481,220	8,234,295	7,110,797	7,110,797	7,065,244	1,115,244	1,109,301	1,109,301	1,109,301	873,450	873,450	13,492	13,492	13,492	-	-
-	-	-	12,075,272	12,075,272	12,075,272	12,075,272	12,075,272	12,075,272	12,075,272	12,075,272	9,675,568	9,675,568	2,679,785	2,679,785	2,679,785	2,679,785	2,679,785	-	-
-	-	-	189,961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1,994,497	1,994,497	1,994,497	1,994,497	1,994,497	1,994,497	1,994,497	1,994,497	1,932,922	1,932,922	188,877	188,877	188,877	188,877	188,877	-	-
-	-	-	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	12,349,671	-	-	-	-
-	-	-	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	828,974	494,260	494,260
-	-	-	314	314	314	314	314	314	314	314	314	314	314	314	314	-	-	-	-
0	0	0	0	4,890,220	4,890,180	4,693,914	3,837,661	3,837,428	853,403	853,403	845,458	845,458	845,458	726,395	726,395	16,391	16,391	16,391	0
0	0	0	0	24,392,637	24,288,756	24,131,826	23,935,785	23,935,785	23,037,690	22,455,199	22,455,199	21,163,793	13,698,164	12,836,678	12,737,200	3,822,451	3,263,749	3,263,749	428,146
0	0	0	0	931,521	931,521	931,521	931,521	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	247,001	0
0	0	0	0	30,332	30,332	30,332	29,954	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	430,436	430,436	430,436	429,719	276,505	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1,051,579	1,051,579	1,051,579	1,051,579	945,302	768,666	524,309	523,219	523,219	265,755	197,225	191,096	191,096	177,754	177,754	175,323
0	0	0	0	54,900	54,900	54,900	54,900	54,075	54,075	25,464	25,323	25,323	25,323	4,113	3,312	3,312	2,846	2,846	2,741
0	0	0	0	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291	2,016,291
0	0	0	0	10,075	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	261,837	261,837	261,837	236,273	235,659	235,659	228,576	227,170	109,776	109,119	104,420	104,420	99,283	99,283	64,858	64,022
0	0	0	0	88,449	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	418,130	418,130	418,130	418,130	418,130	418,130	418,130	418,130	418,130	418,130	418,130	418,130	0	0	0	0

2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
-	-	-	-	-		1	-	•	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
3,614,070	3,240,132	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
494,260	494,260	494,260	494,260	494,260	494,260	494,260	494,260	494,260	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	0	0	0	0	0		0	0	0	0	0
365,474	365,474	365,474	365,474	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	_	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0		0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
49,192	49,192	49,192	49,192	0	0	0		0	0	0	0	0
0	0	0	0	0	0	0		0	0	0	0	0
2,016,291	2,016,291	1,753,822	0	0	0	0		0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
64,022	64,022	64,022	64,022	3,165	0	0		0	0	0	0	0
0	0	0	0	0	0	0		0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend

User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: City of Mississauga

First Phase Completed in 2013

	Actual los	st revenue based	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b		b * c
Jan-13	2,963.21		0.640761517	
Feb-13	631.81	-2,331.40	0.640761517	-1493.868901
Mar-13	631.81	-2,331.40	0.640761517	-1493.868901
Apr-13	631.81	-2,331.40	0.640761517	-1493.868901
May-13	631.81	-2,331.40	0.640761517	-1493.868901
Jun-13	631.81	-2,331.40	0.640761517	-1493.868901
Jul-13	631.81	-2,331.40	0.640761517	-1493.868901
Aug-13	631.81	-2,331.40	0.640761517	-1493.868901
Sep-13	631.81	-2,331.40	0.640761517	-1493.868901
Oct-13	631.81	-2,331.40	0.640761517	-1493.868901
Nov-13	631.81	-2,331.40	0.640761517	-1493.868901
Dec-13	631.81	-2,331.40	0.640761517	-1493.868901
Total				-16432.5579
Persistence in	2014			-17926.42681
Persistence in	2015			-17926.42681
Persistence in	2016			-17926.42681
Persistence in	2017			-17926.42681
Persistence in	2018			-17926.42681

Details of Project #1 (Month, Year)

Pre-conversion billing demand Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
High-Pressure Sodium Street Light	0.138	11186	1543.66
High-Pressure Sodium Street Light	0.201	183	36.78
High-Pressure Sodium Street Light	0.272	366	99.55
High-Pressure Sodium Street Light	0.486	124	60.26
High-Pressure Sodium Street Light	0.098	12479	1222.94
Total			2,963.21

Post-conversion billing demand			
Fixture type	Billing Wattage (kW) d ₁	Quantity e 1	Billed amount (kW) d ₁ *e ₁
LED100	0.0793	397	31.4821
LED120	0.0876	105	9.198
LED30	0.0248	23836	591.1328

Second Phase Completed in 2016

	Actual los	t revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b		b * c
Jan-16	5,271.01		0.722871727	
Feb-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Mar-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Apr-16	1,305.10	-3,965.91	0.722871727	-2866.840956

Details of Project #1 (Month, Year)

Pre-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
High-Pressure Sodium Street Light	0.138	4066	561.108
High-Pressure Sodium Street Light	0.201	1940	389.94
High-Pressure Sodium Street Light	0.272	7275	1978.8
High-Pressure Sodium Street Light	0.486	4009	1948.374

	Post-conversion	billing	demand
ı			

Post-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d ₁	e 1	d 1 * e 1
LED100	0.0793	2833	224.6569
LED120	0.0876	3018	264.3768
LED16	0.0211	102	2.1522
LED30	0.0248	1615	40.052

May-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Jun-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Jul-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Aug-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Sep-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Oct-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Nov-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Dec-16	1,305.10	-3,965.91	0.722871727	-2866.840956
Total				-31535.2505
Persistence in	2017			-34402.09147
Persistence in	2018			-34402.09147
		•		

High-Pressure Sodium Street Light	0.098	4008	392.784
mg. Tressure socialii street tigii	0.030	4000	332.764
Total			5,271.01

LED32	0.0386	3612	139.4232
LED40	0.0483	2576	124.4208
LED44	0.0784	2898	227.2032
LED48	0.0553	3855	213.1815
LED60	0.0669	123	8.2287
LED80	0.0922	666	61.4052
Total			1,305.10

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 39

ATTACHMENT 39 LRAMVA WORKFORM GUELPH RZ

LRAMVA Work Form: Summary Tab

Version 5.0 (2021)

Legend

User Inputs (Green) Auto Populated Cells (White)

Instructions (Grey)

LDC Name

Guelph Hydro Electric Systems Inc.

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application	
Previous LRAMVA Application (EB#)	EB-20
Application of Previous LRAMVA Claim	2019 II

2018-0036 2019 IRM Application Period of LRAMVA Claimed in Previous Application Amount of LRAMVA Claimed in Previous Application

B. Current LRAMVA Application Current LRAMVA Application (EB#) Application of Current LRAMVA Claim Period of New LRAMVA in this Application

EB-2020-0002 2021 IRM Application 2018

Forecast Lost Revenues (\$) 202,141 Carrying Charges (\$) 28,311 LRAMVA (\$) for Account 1568

C. Documentation of Changes

Original Amount

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMNA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deterral and Variance Account Work Form or RMI Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMNA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on an articlast basis form. Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated. LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$75,197	\$3,413	\$78,610
GS<50 kW	kWh	\$60,127	\$2,729	\$62,856
General Service 50 to 999 kW	kW	\$100,962	\$4,583	\$105,544
General Service 1,000 to 4,999 kW	kW	\$109,239	\$4,958	\$114,197
Large Use	kW	\$299,343	\$13,587	\$312,930
Unmetered Scattered Load	kWh	\$0	\$0	\$0
Sentinel Lighting	kW	\$0	\$0	\$0
Street Lighting	kW	-\$21,143	-\$960	-\$22,102
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$623,725	\$28,311	\$652,035

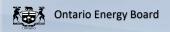
Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

ITLDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank. LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
2011 Actuals	RI .	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared 2013 Actuals		\$0.00	\$0.00	\$0.00	*****	60.00	\$0.00	\$0.00	\$0.00	\$0.00	60.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Actuals 2013 Forecast	₩.	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared						******				*****			7			-
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast	100	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals	₩	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals	⊠	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared 2018 Actuals	l	\$96.589.12	\$75.998.43	\$125,491,19	\$113.983.62	\$410.842.01	\$0.00	\$0.00	\$2.961.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$825,866.33
2018 Forecast		(\$21,392.25)	\$75,998.43 (\$15,871.67)	\$125,491.19 (\$24,529.35)	(\$4.744.58)	(\$111,498,87)	\$0.00	\$0.00	(\$24,104,76)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$202.141.49
Amount Cleared		(\$21,392.25)	(\$15,671.07)	(\$24,529.35)	(\$4,744.56)	(\$111,490.07)	\$0.00	\$0.00	(\$24,104.76)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$202,141.45
2019 Actuals	I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared	1	T50	75.00	13.00	1	45.00		7 2.00	72.00		-5.00	+3.00	13.00	\$5.00	20.00	90.00
Carrying Charges		\$3,413,15	\$2,729.13	\$4.582.62	\$4.958.31	\$13,587.06	\$0.00	\$0.00	(\$959.66)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,310,61
Total LRAMVA Balance		\$78,610	\$62.856	\$105.544	\$114,197	\$312.930	\$0	\$0	-\$22,102	so	\$0	\$0	\$0	\$0	\$0	\$652,035

Note: LDC to make note of assumptions included above, if any



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	Table 5-d. 2018 Lost Revenu	Alectra relied on the Participation and Cost Report (P/C) and true up any savings	There are additional CDM savings after the Participation and Cost report was published in April 2019 re
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legend

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

Table 2-a. LRAMVA Threshold

2046

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	33,013,333	4,365,766	1,133,691	3,401,072	728,801	22,538,608	0	0	845,395						
kW	53,193			8871.376112	1545.717768	40431.83278		0	2343.772459						
							•	•							
Summary		4365765.93	1133690.83	8871.376112	1545.717768	40431.83278	0	0	2343.772459	0	0	0	0	0	0

Years Included in Threshold 2014-2016

Source of Threshold

2016 Settlement Agreement (EB-2015-0073), p. 47

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by seeding the appropriate LRAMVA threshold established for a particular year, please select the "blank" opportant threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Table 2-c will be auto-populated in Table 2-c will be auto-populated.

Year	LRAMVA Threshold	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	2016	4,365,766	1,133,691	8,871	1,546	40,432	0	0	2,344	0	0	0	0	0	0
2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-0044	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	1	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)	4												
Period 2 (# months)		12	12	12	12	12	12	12	12	12	12	12	12
Residential	1									\$ 0.0049			
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue	KVVN												
Other	1	_	_	_		_	_		_			_	
Adjusted rate		\$ -	\$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ -		\$ 0.0049		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0049	\$ -	\$ -	
GS<50 kW										\$ 0.0140			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other]												
Adjusted rate	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0140		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0140	\$ -	\$ -	
General Service 50 to 999 kW	1									\$ 2.7650			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.7650	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.7650	\$ -	\$ -	
General Service 1,000 to 4,999 kW										\$ 3.0695			
Rate rider for tax sharing	1									,			
Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.0695		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.0695	\$ -	\$ -	
Large Use										\$ 2.7577			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.7577		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.7577	\$ -	\$ -	
Unmetered Scattered Load	1									\$ 0.0223			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kWh												
Other	1												
Adjusted rate Calendar year equivalent		\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 0.0223 \$ 0.0223		\$ - \$ -	
			•	•	-	-	-	•	-	\$ 0.0223	.	-	
Sentinel Lighting										\$ 8.3886			
Rate rider for tax sharing	1												
Rate rider for foregone revenue	kW												
Other	4												
Adjusted rate Calendar year equivalent	L	\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ 8.3886 \$ 8.3886	\$ - \$ -	\$ -	
			· -				-	· ·		,		•	
Street Lighting Rate rider for tax sharing	+									\$ 10.2846			
Rate rider for tax snaring Rate rider for foregone revenue	kW												
Other	1												
Adjusted rate	†	s -	s -	\$ -	s -	s -	\$ -	s -	s -	\$ 10.2846	s -	\$ -	
Calendar year equivalent	1	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.2846		\$ -	1
Calcinal year equivalent			•	•	•	•	-	•	-	7 10.2040	÷ -	-	

-			_										_				_		_				
0													<u> </u>										
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	•	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate	Ī	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent	•	,	\$	-	\$			-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing	†																						
Rate rider for foregone revenue	0																						
Other	Ť						1		1								-						
Adjusted rate	-	s -	\$	-	\$	-	e	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent	ļ		\$	-:	\$			-:-	S		\$				S				\$	-:	\$		ļ
Calendar year equivalent			•	-	•	-	ð	-	Þ	-	ð	-	•	•	ð	-	•	•	Þ	-	ð	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
0																							
Rate rider for tax sharing																							
Rate rider for foregone revenue	0																						
Other	i i																						
Adjusted rate	Ť	S -	\$	-	\$	-	\$	-	\$		\$		\$	-	\$		\$	-	\$	-	\$	-	
Calendar year equivalent	1	1 -	\$	-	\$	-			\$	-	\$		\$	-	\$	-		-		-	\$	-	1
- 1																							
0																							
Rate rider for tax sharing	1																						
Rate rider for foregone revenue	0																						
Other																							
Adjusted rate		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
1																							

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW		General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0049	\$0.0140	\$2.7650	\$3.0695	\$2.7577	\$0.0223	\$8.3886	\$10.2846	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



LRAMVA Work Form: Determination of Rate Class Allocations

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

Rate class allocations for actual CDM savings are determined as follows.

Each completed non-residential CDM project is assigned its account number and billing rate class in a program specific tracking spreadsheet.

For CDM programs with small volumes (e.g. typically less than 5) of completed projects, the appropriate rate class is allocated based on a percentage share of the program savings in a given CDM program year.

For CDM programs with larger volumes of completed projects (e.g. Retrofit), the completed projects are extracted from the tracking spreadsheet for analysis in a separate worksheet. Total program energy and demand savings A separate percent allocation is calculated for both energy and demand as some customers (e.g. GS<50) will attract an energy based distribution charge, and other customers will attract a demand based distribution charge.

The appropriate rate class energy or demand percent allocation is then applied to the total energy and demand savings in the Table 5 2015-2020 LRAM worksheet.

The 2017 rate allocation analysis worksheet is included in Tab 3a Rate Class Allocations, for reference.

2017 Reporting ERII (RETROFIT) Prescriptive, Engineered & Custom Projects - CRM - Final Verified Results

OPA CRM	CRM Application	GHESI Customer	OEB LRAM	Total Demand	Total Energy
OFA CRIVI	Number	Rate Class	Classification	Savings	Savings
3	154,469	L1	LU - C&I	6.7	26,856
12	153,832	GD	GS<1MW - C&I	0.0	7,139
16	156,121	G2	GS<5MW - IND	1.1	48,068
27	169,671	GM	GS<50	1.3	11,073
28	170,845	GM	GS<50	8.3	41,877
41	156,713	GO	GS<1MW - C&I	1.4	12,369
47	172,137	GM	GS<50	0.0	8,400
52	170,946	GM	GS<50	0.2	8,879
53	170,959	GM	GS<50	0.2	7,215
56	173,474	GM	GS<50	6.1	28,110
66	172,215	L2	LU - IND	1.5	13,070
67	172,455	L2	LU - IND	2.7	10,744
68	172,994	GM	GS<50	0.8	3,675
72	169,642	GM	GS<50	7.0	27,830
74	167,976	GD	GS<1MW - C&I	0.0	162,569
75	169,157	G2	GS<5MW - IND	0.0	81,551
76	169,839	G2	GS<5MW - IND	5.2	14,191
77	170,670	G0	GS<1MW - C&I	9.1	63,876
78	170,720	GM	GS<50	1.1	28,541
79	171,129	GM	GS<50	6.2	64,678
80	168,427	GM	GS<50	3.9	14,918
81	172,301	GM	GS<50	3.2	11,618
82	173,280	T2	GS<5MW - IND	4.0	18,376
83	173,345	GM	GS<50	0.9	3,426
84	173,583	GD	GS<1MW - C&I	0.0	12,260
85	174,602	GD	GS<1MW - C&I	39.8	165,446
86	174,700	GM	GS<50	4.9	18,338
87	174,705	GM	GS<50	0.0	4,087
91	171,481	T1	GS<5MW - IND	0.0	113,001
92	171,928	G0	GS<1MW - C&I	17.3	109,378
93	173,002	GM	GS<50	1.2	4,931
95	167,613	GD	GS<1MW - C&I	21.7	134,962
96	170,912	G0	GS<1MW - C&I	14.6	112,914
97	172,520	GD	GS<1MW - C&I	0.0	65,990
98	156,638	T4	GS<5MW - IND	0.0	700,827
101	170,573	G1	GS<1MW - C&I	0.0	74,032
102	175,510	T1	GS<5MW - IND	0.0	80,650
103	173,445	GM	GS<50	10.0	41,520
104	174,852	GD	GS<1MW - C&I	12.1	51,622

2017 OEB LRAM GROUPING	KW	кwн
GS<1MW	1,219	4,980,956
	43%	25%
GS<5MW	719	7,295,113
	26%	36%
LU	729	7,112,847
	26%	35%
GS<50	137	676,004
	5%	3%
STLT	24	114,887
	1%	1%

USE THE HIGHLIGHTED % FOR LRAM REPORTING

106	167,703	T2	GS<5MW - IND	105.3	917,517
107	155,773	T2	GS<5MW - IND	32.9	255,924
108	171,935	GM	GS<50	1.8	28,435
109	176,185	GD	GS<1MW - C&I	0.0	38,220
110	176,520	GD	GS<1MW - C&I	28.4	78,236
111	177,371	CD	GS<1MW - C&I	14.5	89,741
112	180,713	GM	GS<50	5.4	22,017
113	180,714	GM	GS<50	5.2	19,801
114	182,179	L2	LU - IND	3.3	22,688
115	182,259	L2	LU - IND	2.0	13,490
118	172,550	T4	GS<5MW - IND	16.8	119,573
119	176,411	T2	GS<5MW - IND	0.0	61,803
120	178,833	GD	GS<1MW - C&I	0.5	2,297
121	181,070	GM	GS<50	14.8	72,398
123	174,060	GD	GS<1MW - C&I	1.7	26,030
124	176,463	GM	GS<50	12.1	42,034
125	178,879	GD	GS<1MW - C&I	26.0	192,492
126	183,121	L2	LU - IND	7.0	45,377
127	183,562	CD	GS<1MW - C&I	11.5	52,831
128	153,636	GD	GS<1MW - C&I	0.0	7,548
129	159,328	L1	LU - C&I	0.0	16,449
131	164,311	L2	LU - IND	5.3	24,486
132	174,040	GD	GS<1MW - C&I	1.4	6,414
133	175,976	GD	GS<1MW - C&I	14.0	64,316
134	176,008	GM	GS<50	0.0	5,838
135	179,147	GD	GS<1MW - C&I	0.0	23,142
136	183,282	GD	GS<1MW - C&I	0.6	525
137	165,266	T8	GS<5MW - IND	126.0	1,079,815
138	165,546	T2	GS<5MW - IND	293.9	2,497,001
139	165,830	L2	LU - IND	229.4	1,949,083
140	178,411	GD	GS<1MW - C&I	4.9	14,765
141	181,296	GD	GS<1MW - C&I	30.5	147,864
142	181,653	GM	GS<50	2.0	7,326
143	181,917	ST	STLT	24.0	114,887
3	169,963	GO	GS<1MW - C&I	0.2	882
4	169,964	GO	GS<1MW - C&I	5.4	45,723
5	171,262	GM	GS<50	4.0	9,114
6	173,135	GO	GS<1MW - C&I	13.0	70,747
7	176,088	GM	GS<50	6.1	28,207
8	177,373	T2	GS<5MW - IND	0.0	17,514
	177,992	L3	LU - IND	54.8	479,821
10	178,848	GM	GS<50	3.1	14,012
11	182,991	GM	GS<50	9.1	34,114
12 13	183,874	T4 T2	GS<5MW - IND GS<5MW - IND	2.6	1,905
	186,636			2.8	13,079
15	172,043	GD	GS<1MW - C&I	1.4	8,383
16 18	185,939	GM L2	GS<50	1.5 259.6	609
19	166,424	GD GD	LU - IND	259.6 55.1	2,209,045 202,215
19	176,315	GD			
20	170 742	CD	GS<1MW - C&I		
20	179,743	GD	GS<1MW - C&I	20.8	125,918
21	182,321	GD	GS<1MW - C&I GS<1MW - C&I	20.8 19.3	127,625
21 23	182,321 185,426	GD GD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I	20.8 19.3 0.5	127,625 2,150
21 23 25	182,321 185,426 162,131	GD GD GO	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I	20.8 19.3 0.5 389.6	127,625 2,150 1,032,546
21 23 25 28	182,321 185,426 162,131 169,179	GD GD GO G2	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND	20.8 19.3 0.5 389.6 4.8	127,625 2,150 1,032,546 41,356
21 23 25 28 29	182,321 185,426 162,131 169,179 172,275	GD GD GO G2 GO	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9	127,625 2,150 1,032,546 41,356 929,832
21 23 25 28 29 30	182,321 185,426 162,131 169,179 172,275 175,399	GD GD GO G2 GO GD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<1MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8	127,625 2,150 1,032,546 41,356 929,832 22,238
21 23 25 28 29 30 31	182,321 185,426 162,131 169,179 172,275 175,399 176,036	GD GD GO G2 GO GD T1	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443
21 23 25 28 29 30 31 31	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143	GD GD GO G2 GO GD T1 GM	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - IND GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<50	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648
21 23 25 28 29 30	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586	GD GD GO G2 GO GD T1 GM L1	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I US<1MW - C&I US<1MW - C&I US<1MW - C&I US<1MW - C&I US<1MW - C&I US<1MW - C&I US<1MW - C&I US<1MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075
21 23 25 28 29 30 31 31 33 34 35	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450	GD GD GO G2 GO GD T1 GM L1 GD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<5MW - IND	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0 35.2 4.6	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075
21 23 25 28 29 30 31 31 33 34 35	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450 178,780	GD GD GO G2 GO GD T1 GM L1 GD GM	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<50 LU - C&I GS<1MW - C&I GS<50 GS<1MW - C&I GS<50	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0 35.2 4.6	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075 13,816 8,130
21 23 25 28 29 30 31 31 33 34 35 36	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450 178,780 178,866	GD GD GO GC GC GC GD T1 GM L1 GD GM GD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<50 LU - C&I GS<5MW - C&I GS<5MW - C&I GS<5MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0 35.2 4.6 1.8	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075 13,816 8,130
21 23 25 28 29 30 31 33 34 35 36 37	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450 178,780 178,780 178,866 180,601	GD GD GD GO GD GD GD GD GD GD GD GD GD GD GD GD GD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<5MW - IND GS<50 GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<50	20.8 19.3 0.5 389.6 4.8 3509 5.8 7.5 0.0 35.2 4.6 1.8 0.6 11.1	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075 13,816 8,130 3,710
21 23 25 28 29 30 31 33 34 35 36 37 38	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450 178,780 178,866 180,6601 184,063	GD GD GD GO G2 GO GD T1 GM L1 GD GM GD GM GD GM GD GM GD GM GD GM GD GM CD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<50 LU - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - C&I GS<1MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0 35.2 4.6 1.8 0.6 11.2	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075 13,816 8,130 3,710 31,102
21 23 25 28 29 30 31 31 33 34 35 36 37 38 43	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450 178,780 178,866 180,601 184,063 179,238	GD GD GD GC GC GC GC GD T1 GM L1 GD GM GD GM GD GM GD GM GD GM GD GM GM GD GM	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<5MW - IND GS<50 LU - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5NW - C&I GS<1MW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I GS<5NW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0 35.2 4.6 1.8 0.6 11.2	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075 13,816 8,130 3,710 31,102 25,241
21 23 25 28 29 30 31 33 34 35 36 37 38	182,321 185,426 162,131 169,179 172,275 175,399 176,036 177,143 177,586 178,450 178,780 178,866 180,6601 184,063	GD GD GD GO G2 GO GD T1 GM L1 GD GM GD GM GD GM GD GM GD GM GD GM GD GM CD	GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - IND GS<1MW - C&I GS<5MW - IND GS<5MW - IND GS<5MW - IND GS<50 LU - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<1MW - C&I GS<5MW - C&I GS<1MW - C&I	20.8 19.3 0.5 389.6 4.8 350.9 5.8 7.5 0.0 35.2 4.6 1.8 0.6 11.2	127,625 2,150 1,032,546 41,356 929,832 22,238 26,443 7,648 344,075 13,816 8,130 3,710 31,102

51	179,910	GD	GS<1MW - C&I	0.0	9,240
52	183,039	L3	LU - IND	0.0	208,134
53	183,040	L3	LU - IND	0.0	239,914
54	183,042	L3	LU - IND	0.0	203,658
58	165,620	G1	GS<1MW - C&I	41.5	227,322
59	173,436	T1	GS<5MW - IND	17.7	125,573
60	174,046	GD	GS<1MW - C&I	4.5	24,654
61	175,665	T2	GS<5MW - IND	83.0	950,597
62	180,046	T1	GS<5MW - IND	14.9	130,349
63	180,779	GD	GS<1MW - C&I	0.0	5,460
65	159,324	L1	LU - C&I	0.0	83,078
66	159,325	L1	LU - C&I	0.0	595,231
67	159,329	L1	LU - C&I	0.0	179,186
68	172,265	L1	LU - C&I	121.8	448,461
69	173,459	GD	GS<1MW - C&I	43.2	329,308

Street Lighting Project - Demand adjusted from IESO report as per LRAM filing explanation

GHESI Rate Class Allocation Actual Amount - 2011 FINAL Results by kWh														
RATE CODE	Residential Program Total	Commercial & Institutional Program Total		Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total		Total	% by Rate Class	2011 % Non-RES by Rate Class			
Residential														
GS<50 kW														
GS 50 to 999 kW														
GS 1000 to 4999 kW														
Large Users														
Unmetered Scattered Loads														
Sentinel Lighting														
Street Lighting														
Total														

			GHESI Rate C	lass Allocation Actua	al Amount - 2011 Fl	NAL Results by kW					
RATE CODE	Residential Program Total	Commercial & Institutional Program Total		Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total		Total	% by Rate Class	2011 % Non-RES by Rate Class
Residential											
GS<50 kW											
GS 50 to 999 kW											
GS 1000 to 4999 kW											
Large Users											
Unmetered Scattered Loads											
Sentinel Lighting											
Street Lighting											
Total											
	· ·	·	·	·	·	· ·		•	2044	In a DEC LIANT Total	

2011 Non-RES kWh Total: 2011 Non-RES kW Total: Residential Program Total

Program Total

NOTE: FOR ACCRUAL OF PERSISTENCE, ONLY USE ENERGY PERSISTENCE FROM PREVIOUS YEARS, AS DEMAND SAVINGS ARE PERCEIVED AS ONLY NEW INCREMENTAL RESOURCES (IE. BUILDING A GENERATOR ONCE)

2011 FINAL	Gross	Savings		Net Savings		Contribution to Targets				
Program	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)		Incremental Energy Savings (kWh)	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh)		
Residential Program Total	992	2,503,429	645		1,613,390	519		6,451,825		

March Marc	Commercial & Institutional Program T	848	1.573.434		731		1.340.190	367		5.148.720	
200 0 0 0 0 0 0 0 0			,, -				, ,			-, -, -	-
re 2013 Program competion 2021 2,787 2491,7506 3,441 7,748,556 2,427 20,924,2357 Program Program 1,000 1,0											-
Auto-		-					-				-
2002 FRANK Cores Savings											-
Program				SHITS REPORT Heins		ilts have a 1 year ne		2,328		37,410,878	_
Program Discremental Peak Incremental Peak Incremental Peak Discremental				JOETS REPORT, USING	J Scenario I (DK resa		isistence	C	ontribution to Targe	ets	_
Incremental Peak Denand Savings De	2012 111002	0.033	Ju vgo			rice surings			ontinoution to range		٠.
Demand Savings Dema		Incremental Peak	Incremental		Incremental Peak		Incremental	•			
GWO GWO	Program										
Section Program Total Section	- 3										.
2,775 7,560,945 0 0 0 0 0 0 0 0 0		(/	(,		()		(,	(kW) in 2014			
Commercial influence Program 2,705 7,560,945 0 0 0 0 0 0 0 0 0	Residential Program Total	584	1,566,827		294		876,212	813		9,080,460	
ome Abstitution Program Total 0 0 0 0 0 vol 1) Hingtams controlled in 201 1 983 1 983 1,488 3,999,776 ther Total 2,304 1,185,852 2,204 1,555,088 102 3,555,080 post contracted Province World 5,756 1,154,31,56 5,767 8,946,55 6,886 0 49,555,631 Program Incremental Peak In		2,705	7,560,945		2,363		6,000,060	1,623		22,970,130	
re 2011 Program completed n 201	ndustrial Program Total	0	0		0		0	596		14,816,107	
1.188.362 1.18	ome Assistance Program Total	0	0		0		0	0		0	
1000ments to Previour Year's Verific 151 1,226,538 104 883,018 102 8,534,672 102	re-2011 Programs completed in 2011	1	983		1		983	1,448		30,997,176	
Journal Peak 126,038 104 883,018 102 3,524,672 10,541,156 5,667 6,948,635 6,886 84,953,631 202 10,524,672 10,524,156 1		2,304	1,188,362		2,304		1,188,362	2,304			
Net Savings	djustments to Previous Year's Verifie	161			104			102			
Program											
Program						Net Savings			ontribution to Targe		٦
Incremental Peak Incremental											e:
Demand Savings Cherryy Savings Cherryy Savings Cherry Savings Ch		Incremental Peak	Incremental	ĺ	Incremental Peak		Incremental				
(kW) (kW)	Program			ĺ							- [
Second S				ĺ							
1,439,857 328 835,414 1,141 1,075,1289 1,439,857 2,544 3,904,020 2,2117 6,631,422 2,674 3,661,4202 4,004,004 2,117 6,631,422 2,674 3,661,4202 4,004,004 4,004,004 4,004,004 4,004,004 4,004,004,004 4,004,004,004 4,004,004,004,004 4,004,004,004,004,004,004,004,004,004,0								(KW) IN 2014			
	esidential Program Total	661	1,493,857		328		835,414	1,141			
ome Absistance Program Total Program Source (Program Contributions) 0 0 0 0 0 0 0 0 0 0 0 0 0 1,448 30,997,176 16 96,000 2,320 3,757,086 3,757,086 3,757,086 4,256,775 16 96,000 2,320 3,757,086 4,256,775 16 4,256,775 16 4,256,775 16 4,256,775 16 4,256,775 16 4,256,775 10 11,431,237 10 11,431,237 10,131,4073 2014 FINAL Gross Savings 6 6 8,991 Net Savings Contribution to Targets Contribution to Targets Contribution to Targets 10,143,140,733 10,140,740 10	ommercial & Institutional Program T	2,564	9,904,020		2,117		6,831,422	2,674		36,614,202	
Program completed in 201	ndustrial Program Total	3,576	81,439		3,576		81,439	596		14,897,546	
The Fortal 16	ome Assistance Program Total	0	0		0		0	0		0	
Program Prog	re-2011 Programs completed in 2011	0	0		0		0	1,448		30,997,176	
Description	Other Total	16	96,000		16		96,000	2,320		3,757,086	
Program	djustments to Previous Year's Verifie	72	321,642		54		257,548	156		4,296,775	
Incremental Peak Incremental Peak Demand Savings (kW) Rergy Savi											
Incremental Peak Incremental Peak Demand Savings Chempt Savings	otal OPA Contracted Province-Wide	6,889	11,896,958		6,091		8,101,823	8,334		101,314,073	
Incremental Peak Demand Savings Energy Savings (kW) Energy Savings E					6,091	Net Savings	8,101,823		ontribution to Targe		
Program					6,091	Net Savings	8,101,823	C	ontribution to Targe	ets	e:
CROWN CROW		Gross S	Savings			Net Savings		Program-to-Date:	ontribution to Targe	Program-to-Date:	
Seidential Program Total 1,096 2,388,659 722 2,137,653 1,863 12,888,942	2014 FINAL	Gross S Incremental Peak	Savings Incremental		Incremental Peak	Net Savings	Incremental	Program-to-Date: Net Annual Peak	ontribution to Targe	Program-to-Date: 2011-2014 Net	
Automotic Commercial & Institutional Program 3,035 11,431,223 2,477 7,895,666 5,151 44,509,867	2014 FINAL	Gross S Incremental Peak Demand Savings	Incremental Energy Savings		Incremental Peak Demand Savings	Net Savings	Incremental Energy Savings	Program-to-Date: Net Annual Peak Demand Savings	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings	:
Emand Response 3	2014 FINAL Program	Gross S Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)		Incremental Peak Demand Savings (kW)	Net Savings	Incremental Energy Savings (kWh)	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh)	
1,832	2014 FINAL Program esidential Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096	Incremental Energy Savings (kWh) 2,388,659		Incremental Peak Demand Savings (kW)	Net Savings	Incremental Energy Savings (kWh) 2,137,653	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942	
Adustrial Program Total 3,686 0 3,686 0 4,282 14,897,546	2014 FINAL Program tesidential Program Total commercial & Institutional Program T	Incremental Peak Demand Savings (kW) 1,096 3,035	Incremental Energy Savings (kWh) 2,388,659 11,431,223		Incremental Peak Demand Savings (kW) 722 2,477	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867	;
### Response 3 3,686 0 3,686 0 3,686 81,439 ### djusted Industrial Program Total 0 0 0 0 596 14,816,107 ### on Program Total 1 20,414 1 20,414 1 20,414 ### re-2011 Programs completed in 201.	2014 FINAL Program esidential Program Total ommercial & Institutional Program T emand Response 3	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0		Incremental Peak Demand Savings (kW) 722 2,477 1,204	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089	;
djusted Industrial Program Total 0 0 0 0 0 596 14,816,107	2014 FINAL Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional	Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779	;
1	2014 FINAL Program tesidential Program Total commercial & Institutional Program T bemand Response 3 djusted Commercial & Institutional ndustrial Program Total	Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546	:
Terestrial Commercial & Incremental Peak Demand Savings (kW) Deman	2014 FINAL Program desidential Program Total commercial & Institutional Program Toemand Response 3 diglusted Commercial & Institutional dustrial Program Total demand Response 3	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 0		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439	
ther Total 688 0 688 0 688 0 3,757,086 djustments to Previous Year's Verifie 4,794 12,310,965 4,108 8,736,809 4,263 23,799,882 ot al 024 Contracted Province-Wide 13,302 26,151,261 11,683 18,790,542 20,017 130,870,914 djusted Total OPA Contracted Province-Wide 13,302 26,151,261 6,793 18,790,542 20,017 130,870,914 djusted Total OPA Contracted Province-Wide 4,890 0 0 4,890 0 123,527 djusted Total OPA Contracted Province-Wide 4,890 0 0 4,890 123,527 djusted Total OPA Contracted Province-Wide 4,890 0 0 4,890 123,527 djusted Total OPA Contracted Province-Wide 4,890 0 0 4,890 123,527 djusted Total OPA Contracted Province-Wide 4,890 0 0 0 4,890 123,527 djusted Total OPA Contracted Province-Wide 4,890 0 0 0 4,890 123,527 djusted Total OPA Contracted Province-Wide 4,890 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2014 FINAL Program desidential Program Total commercial & Institutional Program Total demand Response 3 dijusted Commercial & Institutional ndustrial Program Total demand Response 3 dijusted Industrial Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686 0	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107	
djustments to Previous Year's Verification 4,794 12,310,965 4,108 8,736,809 4,263 23,799,882	2014 FINAL Program desidential Program Total commercial & Institutional Program T demand Response 3 dijusted Commercial & Institutional dustrial Program Total demand Response 3 dijusted Industrial Program Total come Assistance Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 0 1	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 20,414		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596	ontribution to Targe	Program-to-Date: 2011-2014 Net 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414	
Deside Contracted Province Wide 13,302 26,151,261 11,683 18,790,542 20,017 130,870,914	2014 FINAL Program desidential Program Total commercial & Institutional Program T demand Response 3 dijusted Commercial & Institutional dustrial Program Total demand Response 3 dijusted industrial Program Total forme Assistance Program Total forme Assistance Program Total forme Assistance Program Total forme Assistance Program Total forme Assistance Program Total forme Assistance Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 20,414 0		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0,3686 0 1 0	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,837,546 81,439 14,816,107 20,414 30,997,176	
on-Res Demand Response Contribut djusted Total OPA Contracted Provi R,412 Z6,151,261 Gross Savings Net	2014 FINAL Program Residential Program Total Commercial & Institutional Program Toemand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Fore-2011 Programs completed in 2013 Other Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086	
djusted Total OPA Contracted Provi 8,412	2014 FINAL Program Residential Program Total Commercial & Institutional Program To Demand Response 3 Adjusted Commercial & Institutional notustrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Prez-2011 Programs completed in 2013 Other Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086	
Program Incremental Peak Demand Savings Incremental Peak Demand Saving	Program Residential Program Total Commercial & Institutional Program To Demand Response 3 Adjusted Commercial & Institutional ndustrial Program Total Demand Response 3 Adjusted Industrial Program Total Tome Assistance Program Total Tome Assistance Program Total Tome Assistance Program Total Tome Assistance Program Total Tome Assistance Program Total Total Total Adjustments to Previous Year's Verifice	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 0 1 1 0 688 4,794	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 20,414 0 0 12,310,965		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 1 0 688 4,108	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882	
Program Incremental Peak Demand Savings (kW) Incremental Energy Savings (kWh) Incremental Energy Sa	Program Residential Program Total Commercial & Institutional Program To Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Pre-2011 Programs completed in 2012 Other Total Adjustments to Previous Year's Verifice	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 0 1 0 688 4,794 13,302	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 20,414 0 0 12,310,965 26,151,261		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 11,683	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017	ontribution to Targe	Program-to-Date: 2011-2014 Net 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914	
Program Uncremental Peak Demand Savings (kW) University of the Program Total Incremental Energy Savings (kW) University of the Program Total Incremental Energy Savings (kW) University of the Program Total Incremental Energy Savings (kW) University of the Program Total Incremental Energy Savings (kW) University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total Incremental Energy Savings (kW) in 2014 University of the Program Total U	Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional noustrial Program Total Demand Response 3 Adjusted Industrial Program Total One Assistance Program Total Pre-2011 Programs completed in 2011 Other Total Adjustments to Previous Year's Verifier fotal OPA Contracted Province-Wide Non-Res Demand Response Contribut	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 0 26,151,261		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686 0 1 0 688 4,108 11,683 4,890	Net Savings	Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 20,414 0 0 8,736,809 18,790,542 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890	ontribution to Targe	Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,837,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527	
Program Incremental Peak Demand Savings Lengry Savi	Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Prez-2011 Programs completed in 2012 Other Total Adjustments to Previous Year's Verific Total OPA Contracted Province-Wide Mon-Res Demand Response Contribut Adjusted Total OPA Contracted Provi	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 0 26,151,261		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686 0 1 0 688 4,108 11,683 4,890		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 20,414 0 0 8,736,809 18,790,542 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127		Program-to-Date: 2011-2014 Net 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386	
Program Demand Savings (kW) (kW) (kW) (kW) (kW) (kW) (kW) (kW)	Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Prez-2011 Programs completed in 2012 Other Total Adjustments to Previous Year's Verific Total OPA Contracted Province-Wide Mon-Res Demand Response Contribut Adjusted Total OPA Contracted Provi	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 0 26,151,261		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686 0 1 0 688 4,108 11,683 4,890		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 20,414 0 0 8,736,809 18,790,542 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127		Program-to-Date: 2011-2014 Net 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386	
(kW) (kW) (kW) (kW) (kW) (kW) 12014 (kW) in 2014	Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional notustrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Prez-2011 Programs completed in 2012 Other Total Adjustments to Previous Year's Verifie Non-Res Demand Response Contribut Adjusted Total OPA Contracted Provi Muljusted Total OPA Contracted Provi	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 20,414 0 12,310,965 26,151,261 0 26,151,261 Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 11,683 4,890 6,793		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 0 18,790,542	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date:		Program-to-Date: 2011-2014 Net 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	e:
Sesidential Program Total 348 1,182,066	Program Residential Program Total Commercial & Institutional Program To Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Pre-2011 Programs completed in 2011 Other Total Adjustments to Previous Year's Verifier Total OPA Contracted Province-Wide Non-Res Demand Response Contribut Adjusted Total OPA Contracted Provi Adjusted Total OPA Contracted Provi	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S Incremental Peak	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 20,414 0 0 12,310,965 26,151,261 0 26,151,261 Savings Incremental		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 4,108 11,683 4,890 6,793 Incremental Peak		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 20,414 0 0 8,736,809 18,790,542 0 Incremental	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,837,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets.	e:
ommercial & Institutional Program Total 5,610 10,880,280 adustrial Program Total 4,389 39,012,556 and adustrial Program Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Program Residential Program Total Commercial & Institutional Program To Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Pre-2011 Programs completed in 2011 Other Total Adjustments to Previous Year's Verifier Total OPA Contracted Province-Wide Non-Res Demand Response Contribut Adjusted Total OPA Contracted Provi Adjusted Total OPA Contracted Provi	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 11,683 4,890 6,793		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 Incremental Energy Savings	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 expression of the second secon	e:
Adustrial Program Total 4,389 39,012,556 ome Assistance Program Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Program Residential Program Total Commercial & Institutional Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional ndustrial Program Total Demand Response 3 Adjusted industrial Program Total One Assistance Program Total Ore-2011 Programs completed in 2011 Other Total Adjustments to Previous Year's Verifier Total OPA Contracted Province-Wide Vo	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 11,683 4,890 6,793		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 Incremental Energy Savings	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	e:
ome Assistance Program Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2014 FINAL Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional notustrial Program Total Demand Response 3 Adjusted Industrial Program Total Ome Assistance Program Total Other Total Adjustemts to Previous Year's Verifier Fotal OPA Contracted Province-Wide Non-Res Demand Response Contribut Adjusted Total OPA Contracted Provi O15 Q4 UNVERIFIED PRELIMINARY Program Residential Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686 0 1 0 688 4,108 4,108 4,108 4,108 4,108 11,683 4,890 6,793 Incremental Peak Demand Savings (kW) 348		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 0 18,790,542 Incremental Energy Savings (kWh) 1,182,066	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	e:
djustments to Previous Year's Verifi <mark>ed Results</mark> 0 0	Program Residential Program Total Commercial & Institutional Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Prome Assistance Program Total Proe-2011 Programs completed in 2011 Other Total Adjustments to Previous Year's Verific Total OPA Contracted Province-Wide Non-Res Demand Response Contribut Adjusted Total OPA Contracted Provi 1015 Q4 UNVERIFIED PRELIMINARY Program Residential Program Total Commercial & Institutional Program	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 11,683 4,890 6,793 Incremental Peak Demand Savings (kW) 348 5,610		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 0 18,790,542 Incremental Energy Savings (kWh) 1,182,066 10,880,280	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	e:
	Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Pre-2011 Programs completed in 2012 Other Total Adjustents to Previous Year's Verifier Total OPA Contracted Province-Wide Non-Res Demand Response Contribution Program Program Residential Program Total Commercial & Institutional Program Total Commercial & Institutional Program Total Commercial & Institutional Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 1 0 688 4,108 11,683 4,890 6,793 Incremental Peak Demand Savings (kW) 348 5,610 4,389		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 0 18,790,542 Incremental Energy Savings (kWh) 1,182,066 10,880,280 39,012,556	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	e: :
otal IESO Contracted LDC CDM Programs 10,347 51,074,903	Program Residential Program Total Commercial & Institutional Program Tome Tome Tome Tome Tome Tome Tome Tom	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 0 1 0 688 4,108 4,108 11,683 4,890 6,793 Incremental Peak Demand Savings (kW) 348 5,610 4,389 0		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 0 18,790,542 Incremental Energy Savings (kWh) 1,182,066 10,880,280 39,012,556 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	: : : : : :
	Program Residential Program Total Commercial & Institutional Program Total Demand Response 3 Adjusted Commercial & Institutional Industrial Program Total Demand Response 3 Adjusted Industrial Program Total Home Assistance Program Total Pre-2011 Programs completed in 2011 Other Total Adjustments to Previous Year's Verific Non-Res Demand Response Contribut Adjusted Total OPA Contracted Province-Wide Non-Res Demand Response Contribut Adjusted Total OPA Contracted Province-Wide Program Residential Program Total Commercial & Institutional Program Total Home Assistance Program Total Adjustments to Previous Year's Verific Adjustments Program Total	Gross S Incremental Peak Demand Savings (kW) 1,096 3,035 1,204 1,832 3,686 3,686 0 1 0 688 4,794 13,302 4,890 8,412 Gross S Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh) 2,388,659 11,431,223 0 11,431,223 0 0 0 20,414 0 0 12,310,965 26,151,261 aavings Incremental Energy Savings		Incremental Peak Demand Savings (kW) 722 2,477 1,204 1,273 3,686 3,686 0 1 0 688 4,108 4,108 4,108 4,108 6,793 Incremental Peak Demand Savings (kW) 348 5,610 4,389 0 0		Incremental Energy Savings (kWh) 2,137,653 7,895,666 0 7,895,666 0 0 20,414 0 0 8,736,809 18,790,542 0 18,790,542 Incremental Energy Savings (kWh) 1,182,066 10,880,280 39,012,556 0 0	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 1,863 5,151 1,204 3,947 4,282 3,686 596 1 1,448 3,008 4,263 20,017 4,890 15,127 C Program-to-Date: Net Annual Peak Demand Savings		Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) 12,888,942 44,509,867 42,089 44,467,779 14,897,546 81,439 14,816,107 20,414 30,997,176 3,757,086 23,799,882 130,870,914 123,527 130,747,386 ets	

[
NET ENERGY SAVINGS (GWh	1)		1	T		1			VNUAL		1		
		2011	2012		2013		2014	2015		2016	2017	2018	2019
2011 VERIFIED							14.23						
% of 2011 RESULTS (energy)	1						98.77%						
2012 VERIFIED							8.80						
% of 2012 RESULTS (energy))						98.32%						
2013 VERIFIED							8.00						
% of 2013 RESULTS (energy)	1						98.75%						
2014 VERIFIED							18.79						
% of 2014 RESULTS (energy))						100.00%						
NET PEAK DEMAND SAVING	is (MW							AN	NNUAL				
	·	2011	2012		2013		2014	2015		2016	2017	2018	2019
2011 VERIFIED							2.93						
% of 2011 RESULTS (demand	d)						85.64%						
2012 VERIFIED							3.96						
% of 2012 RESULTS (demand	d)						78.09%						
2013 VERIFIED							1.45						
% of 2013 RESULTS (demand	d)						23.79%						
2014 VERIFIED	_						11.68						
% of 2014 RESULTS (demand	d)						100.00%						
	ſ												
PERSISTENCE - ENERGY:		2011	2012		2013		2014	2015		2016	2017	2018	2019
	2011												
	2012												
	2013												
	2014	-	-		-		1.0000	0.9896		0.9828	0.6654	0.6333	0.6306
	2015	-	-		-		-	1.0000		0.9977	0.9959	0.9956	0.9928
	2016	-	-		-		-	-					
	2017	-	-		-		-	-		-			
	2018	-	-		-		-	-		-	-		
	2019	-	-		-		-	-		-	-	-	
	2020	-	-		-		-	-		-	-	-	-
PERSISTENCE - DEMAND:	ſ	2011	2012		2013		2014	2015		2016	2017	2018	2019.0000
	2011												
	2012												
	2013												
	2014	-	-		-		1.0000	0.4991		0.4980	0.4028	0.3909	0.3903
	2015	_	_		_		-	1.0000		0.9994	0.9974	0.9973	0.9947
	2016	_	_		_		_	-					2.33 17
	2017	_	_		_		_	_					
	2018	_	_		_		_	_			-		
	2019	_	_		_		_	_		_	_ '	_	
	2020	_	_		_		_	_		_	_	_	-
		GHFSI's 2011 2012	and 2013 IRAM rec	overy was annroyed	hy the OFR and in	cluded DR programs.	The OFR's 2016 I RA	M nolicy FR-2016-	0182 required LDCs	to ianore DR savinas	starting with the 2	2014 I RAM claim for	GHESI
						starting with the 201			ozoz reguneu LDC3	.o.g.lore on savings,	July With the 2	oz i znami ciamii jui	J. 12011

The OEB's 2016 LRAM policy EB-2016-0182 required LDCs to ignore DR savings, starting with the 2014 LRAM claim for GHESI.

Note: loss of UofG Program Enabled Savings (load curve) after 2014

		GH	ESI Rate Class Allo	cation Estimation	- 2012 FINAL VEF	RIFIED Results by	kWh			
Commercial & Institutional Program Total	Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2012 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2012 towards 2014 Target	Total
•								persistence:		

Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total	Home Assistance Program Total

GHESI Rate

	GHESI Rate Class Allocation Estimation - 2012 FINAL VERIFIED Results by kW													
Commercial & Institutional Program Total	Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2012 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2012 towards 2014 Taraet	Total				

			GHESI Rat
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total	Home Assistance Program Total

persistence:

PERSISTENCE for 2011 VERIFIED RESULTS (from GHES) OEB 2011 Annual Report) PERSISTENCE for 2012 VERIFIED RESULTS (from GHES) OEB 2012 Annual Report) PERSISTENCE for 2012 VERIFIED RESULTS (from GHES) OEB 2013 Annual Report) PERSISTENCE for 2014 VERIFIED RESULTS (from GHES) OEB 2013 Annual Report) PERSISTENCE for 2014 VERIFIED RESULTS (from GHES) OEB 2014 Annual Report) PERSISTENCE in 2015 cakulated from IESO Annual Net:Gross			
PERSISTENCE for 2011 VERIFIED RESULTS (from GHESI OEB 2011 Annual Report) PERSISTENCE for 2012 VERIFIED RESULTS (from GHESI OEB 2011 Annual Report) PERSISTENCE for 2012 VERIFIED RESULTS (from GHESI OEB 2013 Annual Report) PERSISTENCE for 2014 VERIFIED RESULTS (from GHESI OEB 2014 Annual Report) PERSISTENCE for 2014 VERIFIED RESULTS (from GHESI OEB 2014 Annual Report) PERSISTENCE in 2015 calculated from IESO Annual Net-Gross 2020 2021 2021 0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 2021.0000 2021.0000	2020	2021	
PERSISTENCE for 2012 VERIFIED RESULTS (from GHESI OEB 2012 Annual Report) PERSISTENCE for 2013 VERIFIED RESULTS (from GHESI OEB 2013 Annual Report) PERSISTENCE for 2014 VERIFIED RESULTS (from GHESI OEB 2014 Annual Report) PERSISTENCE in 2015 calculated from IESO Annual Net: Gross 2020 2021 2020 2021 6	2020	2021	DERSISTENCE for 2011 VERIFIED RESULTS (from GHESLOER 2011 Annual Report)
PERSISTENCE for 2013 VERIFIED RESULTS (from GHES) OEB 2013 Annual Report) PERSISTENCE for 2014 VERIFIED RESULTS (from GHES) OEB 2014 Annual Report) PERSISTENCE in 2015 calculated from IESO Annual Net: Gross 2020 2021 2020 2021 2020 2021 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 2021.0000 2021.0000			
PERSISTENCE for 2014 VERIFIED RESULTS (from GIESI DEB 2014 Annual Report) PERSISTENCE in 2015 calculated from IESO Annual Net:Gross 2020 2021 2020 2021 2020 2021 2020 2021 1			
### PERSISTENCE in 2015 calculated from IESO Annual Net: Gross 2020			
2020 2021 2020 2021 2020 2021 2020 2021 10.6252 0.6231			
2020 2021 0.6252 0.6231			
2020 2021 0.6252 0.6231			
2020 2021 0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 7 on "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
2020 2021 0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 7 on "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
2020 2021 0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 7 on "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"	2020	2021	
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.6252 0.6231 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx" 0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000 2021.0000 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"			
0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000	2020	2021	
0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000			
0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000			
0.9924 0.9855 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2020.0000	0.0000	0.0004	C. Washer of the transfer of the contract th
2020.0000 2021.0000			
0.3886	0.5524	0.3633	Jioni Finui 2013 Almaul Verijieu kesuits keport - Almaul Persistence_Guelphinyaro_20160/23.wokking.xisx
0.3886			
0.3886			
0.3886			
0.3886			
0.3886			
	2020.0000	2021.0000	
	0.3886	0.3880	from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xlsx"
	0.9944	0.9877	

Class Allocation E	stimation - 2013 FI	NAL VERIFIED Resu	ilts by kWh				
Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2013 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2013 towards 2014 Target	2012 OPA programs persistence in 2013 towards 2014 Target	Total

persistence:

e Class Allocation	Estimation - 2013 F	INAL VERIFIED Res	ults by kW				
Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2013 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2013 towards 2014 Taraet	2012 OPA programs persistence in 2013 towards 2014 Taraet	Total

persistence:

			GH	ESI Rate Class Allo	cation Estimation	- 2014 FINAL VER
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total	Home Assistance Program Total	Other Total	Adjustments to Previous Year's Verified Results	
2,137,653			20,414	0	-61,605	
	1,579,133				557,689	
	1,894,960				881,169	10.7%
	2,684,526				817,651	9.9%
	1,737,046				6,541,906	79.4%
2,137,653	7,895,666	0	20,414			

				GH	IESI Rate Class All	ocation Estimation	n - 2014 FINAL VEF
Residential Program Total	Commercial & Institutional Program Total		Industrial Program Total	Home Assistance Program Total	Other Total	Adjustments to Previous Year's Verified Results	
722				1	688	-46	
	191					104	
	357	28.0%				238	5.9%
	522	41.0%				180	4.4%
	204	16.0%				3,630	89.7%
722	1,273		0	1	688	4,108	

2014 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2014 towards 2014 Target	2012 OPA programs persistence in 2014 towards 2014 Target	2013 OPA programs persistence in 2014 towards 2014 Target	Total
2,096,462	11.2%	1,593,567	861,525	825,000	5,376,554
2,136,822 11.4%		769,424	885,890	337,313	4,129,449
2,776,129	14.8%	2,223,365	4,407,910	1,944,924	11,352,328
3,502,177	18.6%	5,922,941	147,487	1,015,960	10,588,565
8,278,952	44.1%	3,719,864	2,495,828	3,877,628	18,372,272
0	0.0%	0	0	0	0
0	0.0%	0	0	0	0
0	0.0%	0	0	0	0
18,790,542 100.0%		14,229,161	8,798,641	8,000,825	49,819,170
18,790,542	persistence:	0.9877	0.9832	0.9875	

RIFIED Results by A 2014 Incremental Total Estimated by Rate Class	2014 Incremental Total Estimated & Allocation		2012 OPA programs persistence in 2014 towards 2014 Taraet	2013 OPA programs persistence in 2014 towards 2014 Taraet	Total
1,366	20.1%	552	230	78	2,226
295	4.3%	268	231	50	845
595	8.8%	610	1,189	219	2,613
702	10.3%	831	46	105	1,685
3,834	56.4%	666	2,261	996	7,757
0	0.0%	0	0	0	0
0	0.0%	0	0	0	0
0	0.0%	0	0	0	0
6,793	100.0%	2,928	3,957	1,449	15,126
11,683	persistence:	0.8564	0.7809	0.2379	

			GHESI	Rate Class Alloca	ation Estimation	by % - 2015 FINA	L VERIFIED Resu	lts 2016-Jun-30 l	oy kWh	
RESIDENTIAL Total (includes Low Income)	BUSINESS Total (includes C&I and Industrial)	LOCAL & REGIONAL Programs Total	PILOT Program Total	OTHER Total (includes Adjustments to Previous Years Final)		2015 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2015 towards 2020 Target	2012 OPA programs persistence in 2015 towards 2020 Target	2013 OPA programs persistence in 2015 towards 2020 Target
2,615,165						2,615,165	4.6%	0	0	0
	100,000					100,000	0.2%	0	0	0
	2,000,000					2,000,000	3.5%	0	0	0
	7,000,000					7,000,000	12.3%	0	0	0
	45,000,000					45,000,000	79.3%	0	0	0
						0	0.0%	0	0	0
						0	0.0%	0	0	0
						0	0.0%	0	0	0
2,615,165	54,100,000	0	0	0	0	56,715,165	100.0%	0	0	0
							persistence:	0.0000	0.0000	0.0000

RESIDENTIAL Total (includes Low Income)	BUSINESS Total (includes C&I and Industrial)	LOCAL & REGIONAL Programs Total	PILOT Program Total	Rate Class Alloc OTHER Total (includes Adjustments to Previous Years Final)	ation Estimation	2015 FINA 2015 Incremental Total Estimated by Rate Class	Estimated % Allocation	ults 2016-Jun-30 2011 OPA programs persistence in 2015 towards 2020 Taraet	2012 OPA programs persistence in 2015 towards 2020 Taraet	2013 OPA programs persistence in 2015 towards 2020 Taraet
532						532	4.4%	0	0	0
	500					500	4.2%	0	0	0
	1,000					1,000	8.3%	0	0	0
	2,000					2,000	16.6%	0	0	0
	8,000					8,000	66.5%	0	0	0
						0	0.0%	0	0	0
						0	0.0%	0	0	0
						0	0.0%	0	0	0
532	11,500	0	0	0	0	12,032	100.0%	0	0	0
	-						persistence:	0.0000	0.0000	0.0000

2014 IESO programs persistence in 2015 towards 2020 Target	Total
2,074,756	4,689,921
2,114,698	2,214,698
2,747,386	4,747,386
3,465,917	10,465,917
8,193,235	53,193,235
0	0
0	0
0	0
18,595,993	75,311,158

0.9896

2014 IESO programs persistence in 2015 towards 2020 Taraet	Total
0	532
0	500
0	1,000
0	2,000
0	8,000
0	0
0	0
0	0
0	12,032
0.4991	

GHESI Rate Class Allocation Percent - Retrofit Program - 2016 Final Verif	Descriptio	% Allocatio n based on Energy	% Allocation based on Demand
Residential	RES	0.0%	0.0%
GS<50 kW	GS<50	8.1%	11.4%
GS 50 to 999 kW	GS<1MW	27.8%	31.2%
GS 1000 to 4999 kW	GS<5MW	33.8%	21.7%
Large Users	LU	30.2%	35.8%
Unmetered Scattered Loads	UMSL	0.0%	0.0%
Sentinel Lighting	SENLT	0.0%	0.0%
Street Lighting	STLT	0.0%	0.0%
	Total:	100.0%	100.0%



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the 3. The work forms below include the monthly multipliers for most programs in order to claim demand savings for meetry efficiency programs, demand savings for meetry efficiency programs, demand savings for meetry efficiency programs, demand savings for meetry efficiency programs, demand savings to the requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template 5. The persistence of future savings is expected to be included in the distributor's load forecast after rebasing. LDCs are requested to delete the applicable savings sensitives revowed.

Tables

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form

		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate All	ocations for LRAI	MVA						
Program	Results Status	2011	2011	Residential	GS<50 kW		General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Consumer Program		,	,	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
Actual CDM Savings in 2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011				\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
2011 Savings Persisting in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014 2011 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2017				ő	Ö	Ö	Ö	o o	ō	0	0	Ö	Ö	Ö	0	Ö	Ö	
2011 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Al	locations for LRAM	MVA						
Program	Results Status	2012	2012	Residential	GS<50 kW		General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Consumer Program		-		kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
Actual CDM Savings in 2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2012 Savings Persisting in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form	n	Return to top																
		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate All	ocations for LRA	AVA						
Program	Results Status	2013	2013	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Consumer Program			,	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
Actual CDM Savings in 2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2013 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	ļ
2013 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	ļ

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form		Return to Top																
	Results	Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate All	ocations for LRAM	AVA						
Program	Status	2014	2014	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Consumer Program				kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
Actual CDM Savings in 2014		10,053,733	7,575	2,158,067	1,887,059	3,905	5,717	2,231	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019 2014 Savings Persisting in 2020				1,992,772 1,904,751 1,903,361 1,841,773 1,791,527 1,791,527	1,873,671 1,858,847 1,731,282 1,675,301 1,675,301 1,656,327	3,886 3,886 3,824 3,631 3,631 3,565	5,690 5,690 5,599 5,317 5,317 5,220	2,220 2,220 2,185 2,075 2,075 2,037	0 0 0 0									

Note: LDC to make note of key assumptions included above

Ontario Energy Board **LRAMVA Work Form:** 2015 - 2020 Lost Revenues Work Form

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following IRAMVA work forms apply to LDCs that need to recover lost revenues from 2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments 3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers of consistent with the ablicate actual savings to the rate classes. The openier.

4. LDC are requested to input the applicable rate class allocation precentages to allocate actual savings to the rate classes. The openier consistent with the collocate actual savings to the rate classes. The openier consistent with the collocate actual savings to the rate classes.

Tables

Table 5-a. 2015 Lost Revenues Table 5-b. 2016 Lost Revenues Table 5-c. 2017 Lost Revenues Table 5-e. 2019 Lost Revenues Table 5-f. 2020 Lost Revenues

	Table 5-a. 2015 Lost Revenues Work Form																		
			Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	cations for LRAMVA							
	Program	Results Status	2015	2015	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
	Legacy Framework Residential Program			"!	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
1	Coupon Initiative Adjustment to 2015 savings	Verified True-up	223,005 5,350	14 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2	Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up	327,422 0	24 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3	Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up	46,864 0	7	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4	HVAC Incentives Initiative Adjustment to 2015 savings	Verified True-up	515,733 12,605	273 6	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>5</u>	Residential New Construction and Major Adjustment to 2015 savings	Verified True-up	0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>6</u>	Commercial & Institutional Program Enerov Audit Initiative Adjustment to 2015 savings	Verified True-up	142,541 9,592	30 2	0.00%	0.00% 0.00%	100.00% 100.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Z	Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2015 savings	Verified True-up	14,020,784 1,162,692	6,992 177	0.00%	9%	11% 11.00%	10.00% 10.00%	76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	106%
8	Direct Install Lighting and Water Heating Initiative Adjustment to 2015 savings	Verified True-up	102,095 -34,736	23	0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
9	New Construction and Major Renovation	Verified	0	0	0.0076	100.00%	100.00%	0.00%	0.00%	0.0076	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.00%	0.0070	100%
_	Initiative Adjustment to 2015 savings	True-up	92,866	21	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
11	Industrial Program Process and Systems Upgrades Initiatives -	Verified	42,147,864	4.811					100.00%										100%
-	Proiect Incentive Initiative Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	0	0															0%

Adjustment to 2015 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	17,239 5			100.00%												100%
Adjustment to 2015 savings	True-up	0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	526,869 43 0 0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Other 15 Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wilde Programs 21 Save on Energy Coupon Program Adjustment to 2015 savings	Verified True-up	734,476 47 84,221 5	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program	Verified	240,796 124	100%														100%
Adjustment to 2015 savings Save on Energy New Construction Program	True-up Verified	35,577 18 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Adjustment to 2015 savings	True-up	30,500 6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
24 Save on Energy Home Assistance Program Adjustment to 2015 savings	Verified True-up	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs 25 Save on Enerov Audit Funding Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up	0 0 1,787,124 398	0.00%	9% 9.00%	11% 11.00%	10.00% 10.00%	76% 76.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	106%
Save on Energy Small Business Lighting Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy High Performance New Construction Program	Verified True-up	0 0 125,896 14	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings Save on Energy Existing Building Commissioning Program	Verified	0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Upgrades Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refriceration Local Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
First Nation Conservation Local Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc 96 Performance-Based Conservation Pilot Program - Conservation Fund	Verified	0 0															0%
Adjustment to 2015 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27 Pilot Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2015 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
. Appearant to Lo to advings	uo up	v						/				//			/	/	

<u>39</u>	Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2015 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>40</u>	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>42</u>	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>45</u>	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2015 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46	Oakville Hydro Electricity Distribution Inc	Verified	0	0															0%
	Direct Install - RTU Controls Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47.	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>48</u>	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified	0	0															0%
	Adjustment to 2015 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2015 Forecast CDM Savings in 2015		62,357,375	13,032	2,783,418	1,594,713	10,852	9,080	126,743 0	0	0	0	0	0	0	0	0	0	
	Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs				\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00
	Lost Revenue in 2015 from 2012 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
	Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00
	Total Lost Revenues in 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Forecast Lost Revenues in 2015 LRAMVA in 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
	2015 Savings Persisting in 2016				2,651,008	1,594,713	10,852	9,080	126,743 126,743	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2017 2015 Savings Persisting in 2018				2,629,726 2,608,933	1,594,712 1,595,949	10,852 10,852	9,080 9,080	126,743 126,743	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2019				2,588,323	1,595,949	10,852	9,080	126,743	ō	ō	0	ō	ō	ō	0	0	ō	
	2015 Savings Persisting in 2020				2,562,277	1,595,949	10,852	9,080	126,743	0	0	0	0	Ú	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Alle	ocations for LRAMV	'A						
Program	Results Status	2016	2016	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Legacy Framework Residential Program		•		kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
Coupon Initiative Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
5 Residential New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program				0.00%	0.00%	0.00%	0.0070	0.00%	0.00%	0.00%	0.00%	0.0076	0.0076	0.00%	0.00%	0.0076	0.00%	00/
Energy Audit Initiative Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative	Verified	0	0															0%

Adjustment to 2016 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Direct Install Lighting and Water Heating			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Initiative Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation	Verified	0 0															0%
Adjustment to 2016 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10 Existing Building Commissioning Incentive Initiative	Verified	0 0															0%
Adjustment to 2016 savings Industrial Program	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	0 0															0%
Adjustment to 2016 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified	0 0															0%
Adjustment to 2016 savings	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program 14 Low Income Initiative	Verified	0 0															0%
Adjustment to 2016 savings Other	True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Aboriginal Conservation Program Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots		<u> </u>	0.0070	0.00%	0.0070	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.5075	0.0070	0.0070	0.00%	0.0070	
17 Conservation Fund Pilot - EnerNOC Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Adjustment to 2016 savings	Verified True-up	708 0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
19 Conservation Fund Pilot - SEG Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2016 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings Conservation First Framework		0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program	True-up Verified True-up Verified	3,738,398 243 409,378 26 1,333,152 392	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Healing and Cooling Program Adjustment to 2016 savings	Verified True-up Verified True-up	3,738,398 243 409,378 26 1,333,152 392 9,758 3	100.00% 100.00% 100.00%														100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program	True-up Verified True-up Verified	3,738,398 243 409,378 26 1,333,152 392	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings	True-up Verified True-up Verified True-up Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3	100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Healing and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up	3,738,398 243 409,378 26 1,333,152 392 9,758 3	100.00% 100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Healing and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Save on Energy Audit Funding Programs Energy Audit Funding Programs	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Heating and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 100% 100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings 25 Save on Energy Audit Funding Programs Adjustment to 2016 savings 26 Save on Energy Retrofit Program Adjustment to 2016 savings 27 Save on Energy Retrofit Program Adjustment to 2016 savings 28 Save on Energy Retrofit Program Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Adjustment to 2016 savings 25 Save on Energy Addit Funding Program Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Unverified Verified Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 8.10% 8.10% 8.10%	0.00% 0.00% 0.00% 0.00% 0.00% 31.20% 31.20% 31.20%	0.00% 0.00% 0.00% 0.00% 0.00% 21.70% 21.70%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 35.80% 35.80%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Healing and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Adjustment to 2016 savings Save on Energy Adjustment Adjustment to 2016 savings Save on Energy Adjustment Adjustment to 2016 savings Adjustment to 2016 savings Save on Energy Retrofit Program Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Unverified Verified True-up Unverified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 3,301,403 558 3,927,327 557 7,551 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 31.20% 31.20% 31.20%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 55.80% 35.80%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00%	0.00%	100% 100% 100% 100% 100% 0% 97%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Adjustment to 2016 savings 25 Save on Energy Addit Funding Program Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Unverified Verified Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 8.10% 8.10% 8.10%	0.00% 0.00% 0.00% 0.00% 0.00% 31.20% 31.20% 31.20%	0.00% 0.00% 0.00% 0.00% 0.00% 21.70% 21.70%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 35.80% 35.80%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 0%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Heating and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Adjustment to 2016 savings Save on Energy Audit Funding Program Adjustment to 2016 savings Save on Energy Retroft Program Adjustment to 2016 savings Save on Energy Retroft Program Adjustment to 2016 savings Save on Energy High Performance New Construction Program Adjustment to 2016 savings Save on Energy High Performance New Construction Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	3,738,398 243 409,378 20 1,333,152 392 9,758 3 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 8.10% 8.10%	0.00% 0.00% 0.00% 0.00% 0.00% 31.20% 31.20% 31.20% 10.00%	0.00% 0.00% 0.00% 0.00% 0.00% 21,70% 21,70% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 55.80% 35.80% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 97%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2016 savings Save on Energy Heating and Cooling Program Adjustment to 2016 savings Save on Energy New Construction Program Adjustment to 2016 savings Save on Energy Home Assistance Program Adjustment to 2016 savings Non-Residential Province-Wide Programs Adjustment to 2016 savings Save on Energy Adjustment Adjustment to 2016 savings Save on Energy Adjustment Adjustment to 2016 savings Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings Save on Energy Small Business Lighting Program Adjustment to 2016 savings Save on Energy High Performance New Construction Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Unverified Verified True-up Verified Verified True-up Verified Verified Verified Verified Verified	3,738,399 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 3,301,403 558 3,927,327 5587 7,551 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 8.10% 8.10%	0.00% 0.00% 0.00% 0.00% 0.00% 31.20% 31.20% 31.20% 10.00%	0.00% 0.00% 0.00% 0.00% 0.00% 21,70% 21,70% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 55.80% 35.80% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0% 100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings 25 Save on Energy Audit Fundina Program Adjustment to 2016 savings 26 Save on Energy Audit Fundina Program Adjustment to 2016 savings 27 Save on Energy Retrofit Program Adjustment to 2016 savings 28 Save on Energy Small Business Lighting 29 Program Adjustment to 2016 savings 20 Save on Energy High Performance New 20 Construction Program Adjustment to 2016 savings 20 Commissioning Program Adjustment to 2016 savings 20 Commissioning Program Adjustment to 2016 savings 29 Save on Energy Existing Building 20 Commissioning Program Adjustment to 2016 savings 30 Save on Energy Process & Systems Uporades Program	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 31,20% 31,20% 31,20% 100,00% 100,00%	0.00% 0.00% 0.00% 0.00% 0.00% 21.70% 21.70% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0% 100%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings 25 Save on Energy Home Assistance Program Adjustment to 2016 savings 26 Save on Energy Audit Province-Wide Programs Adjustment to 2016 savings 27 Save on Energy Audit Prodring Program Adjustment to 2016 savings 28 Save on Energy Small Business Lighting Program Adjustment to 2016 savings 29 Save on Energy High Performance New Construction Program Adjustment to 2016 savings 30 Save on Energy Elisting Building Commissioning Program Adjustment to 2016 savings 30 Save on Energy Process & Systems Ucorades Program Adjustment to 2016 savings 31 Save on Energy Process & Systems Ucorades Program Adjustment to 2016 savings 32 Save on Energy Process & Systems Ucorades Program Adjustment to 2016 savings	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 11.20% 11.20% 10.00% 100.00%	0.00% 0.00% 0.00% 0.00% 0.00% 21,70% 21,70% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Heating and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings 25 Save on Energy Audit Fundina Program Adjustment to 2016 savings 26 Save on Energy Audit Fundina Program Adjustment to 2016 savings 27 Save on Energy Retrofit Program Adjustment to 2016 savings 28 Save on Energy Small Business Lighting 29 Program Adjustment to 2016 savings 20 Save on Energy High Performance New 20 Construction Program Adjustment to 2016 savings 20 Commissioning Program Adjustment to 2016 savings 20 Commissioning Program Adjustment to 2016 savings 20 Commissioning Program Adjustment to 2016 savings 20 Commissioning Program Adjustment to 2016 savings 30 Save on Energy Process & Systems Uporades Program	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 31,20% 31,20% 31,20% 100,00% 100,00%	0.00% 0.00% 0.00% 0.00% 0.00% 21.70% 21.70% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0% 0%
Adjustment to 2016 savings Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2016 savings 22 Save on Energy Healing and Cooling Program Adjustment to 2016 savings 23 Save on Energy New Construction Program Adjustment to 2016 savings 24 Save on Energy Home Assistance Program Adjustment to 2016 savings 25 Save on Energy Audit Funding Program Adjustment to 2016 savings 26 Save on Energy Audit Funding Program Adjustment to 2016 savings 27 Save on Energy Retrofit Program Adjustment to 2016 savings 28 Save on Energy Savings 29 Save on Energy High Performance New Construction Program Adjustment to 2016 savings 29 Commissioning Program Adjustment to 2016 savings 30 Save on Energy Evisting Building 20 Commissioning Program Adjustment to 2016 savings 30 Save on Energy Evisting Building 31 Save on Energy Process & Systems 32 Lucrades Program Adjustment to 2016 savings 33 Save on Energy Monitoring & Targeting 39 Program 31 Save on Energy Monitoring & Targeting	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified	3,738,398 243 409,378 26 1,333,152 392 9,758 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 31,20% 31,20% 31,20% 100,00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 21,70% 21,70% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 100% 0% 0% 0%

33	Local & Regional Programs Business Refrigeration Local Program Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>34</u>	First Nation Conservation Local Program Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>35</u>	Social Benchmarking Local Program Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>36</u>	Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Verified	0	0															0%
	Adjustment to 2016 savings EnWin Utilities Ltd Building Optimization	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37.	Pilot Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>40</u>	Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	0	0	0.0070	0.00%	0.0070	0.0070	0.00%	0.00%	0.0076	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0076	0%
	Adjustment to 2016 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	0	0															0%
	Adjustment to 2016 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>43</u>	Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
44	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Verified	0	0															0%
	Agricultural Sector Adjustment to 2016 savings	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>45</u>	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>46</u>	Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	0	0															0%
	Adjustment to 2016 savings Toronto Hydro-Electric System Limited - Direct	True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Install - RTU Controls (Pilot Savings)	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Adjustment to 2016 savings Toronto Hydro-Electric System Limited - PFP -				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Large (Pilot Savings) Adjustment to 2016 savings	Verified True-up	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Actual CDM Savings in 2016		13,071,174	1,875	5,490,686	586,139	5,079	2,982	4,919	0	0	0	0	0	0	0	0	0	
			,,	1,073							,								
	Forecast CDM Savings in 2016		12,000,000	1,070	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Forecast CDM Savings in 2016 Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2016 programs Forecast Revenues in 2016 from 2016 programs Forecast Revenues in 2016 RAMPA in 2016 RAMPA in 2016			1,073						\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00			\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00			0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form Return to to

		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	cations for LRAM	VA						
Program	Results Status	2017	2017	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Legacy Framework				kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	

Residential Program 1 Coupon Initiative	Verified		1														0%
Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2017 savings	Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Desidential New Construction and Maine	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Estoential New Construction and Major Renovation Initiative Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative	Verified																0%
Adjustment to 2017 savings Efficiency: Equipment Replacement Incentive	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Initiative Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation	Verified																0%
Initiative Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10 Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program	.,00 up		2.20%				2.3070		2.3070								
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified																0%
Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified																0%
Adjustment to 2017 savings Low Income Program	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 15 Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC	Verified																0%
Adjustment to 2017 savings 18 Loblaws Pilot	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19 Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs																	
21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified Unverified	4,196,635 299 5,626	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Instant Discount Program Adjustment to 2017 savings	Verified True-up	3,777,549 259	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program Adjustment to 2017 savings	Verified Unverified	956,804 274 97,260	98.00% 98.00%	2.00% 2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy Smart Thermostat Program	Verified	. ,	100.00%														100%
Adjustment to 2017 savings	Unverified		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified True-up	145,140 24	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs							2.3070		2.3070								207
25 Save on Enerov Audit Funding Program Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program Streetlighting Retrofit Program	Verified	18,627,676 2,946 24	0.00%	3.00%	43.00%	25.00%	26.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	97%

Adjustment to 2017 savings	Unverified	2,689,107			3.00%	43.00%	25.00%	26.00%										1
2Z Save on Energy Small Business Lighting Program	Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy High Performance New Construction Program	Verified	72,721	16			100.00%												100%
Adjustment to 2017 savings Save on Energy Existing Building	True-up			0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Commissioning Program Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Energy Manager Program		6,141		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2017 savings	True-up	6,141		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Local & Regional Programs 33 Business Refrigeration Local Program	Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34 First Nation Conservation Local Program Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2017 savings	Verified True-up			100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Pilot Programs																		
Enersource Hydro Mississauga Inc 26 Performance-Based Conservation Pilot Program - Conservation Fund	Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot	Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39 Horizon Utilities Corporation - ECM Furnal Motor Pilot Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Horizon Utilities Corporation - Social	Verified																	0%
Benchmarking Pilot Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation Volta 41 Regulation (CVR) Leveraging AMI Data P																		0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demar 42 Response Wi-Fi Thermostat Pilot	d Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Kitchener-Wilmot Hydro Inc Pilot - DCK	/ Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct In 44 Energy Efficiency Measures for the Acricultural Sector	stall Verified																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc. Direct Install - Hydronic Adjustment to 2017 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Oakville Hydro Electricity Distribution Inc.																		0%
Direct Install - RTU Controls Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
Toronto Hydro-Electric System Limited - D Install - Hydronic (Pilot Savings)	vennea																	0%
Adjustment to 2017 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Centrally Delivered Programs Save on Energy Energy Performance Programs for Multi-Site Customers	ram Verified	577,329	0			100.00%												100%
Adjustment to 2017 Savings	True-up			0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49 Whole Home Pilot Program Adjustment to 2017 Savings	Verified True-up	120,265	17	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Actual CDM Savings in 2017 Forecast CDM Savings in 2017		31,301,119	3,859	9,307,064 0	660,585 0	15,393 0	8,838 0	9,192 0	0	0	288 0	0	0	0	0	0	0	
Distribution Rate in 2017 Lost Revenue in 2017 from 2011 program				\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00
Lost Revenue in 2017 from 2012 program				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Lost Revenue in 2017 from 2013 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2017 from 2014 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2017 from 2015 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2017 from 2016 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2017 from 2017 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2017	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2017	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2017															\$0.00
2017 Savings Persisting in 2018	7,448,004	670,551	15,987	9,183	9,550	0	0	288	0	0	0	0	0	0	
2017 Savings Persisting in 2019	7,448,004	670,551	15,987	9,183	9,550	0	0	288	0	0	0	0	0	0	
2017 Savings Persisting in 2020	7,448,004	670,551	15,987	9,183	9,550	0	0	288	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

	Note. LDC to make note of key assumptions include																		
	Table 5-d. 2018 Lost Revenues Work Form		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	cations for LRAMV	'A						
	Program	Results Status	2018	2018	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
	Legacy Framework Residential Program			<u> </u>	kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
1	Coupon Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2	Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
3	Appliance Retirement Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4	HVAC Incentives Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>5</u>	Residential New Construction and Major Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>6</u>	Commercial & Institutional Program Energy Audit Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
7	Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
8	Direct Install Lighting and Water Heating Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
9	New Construction and Major Renovation	Verified			0.00%	0.0070	0.0070	0.0070	0.0070	0.5070	0.0070	0.3070	0.0070	0.0070	0.00%	0.0070	0.0070	0.3070	0%
_	Initiative Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Industrial Program Process and Systems Upgrades Initiatives -	Verified																	0%
11	Project Incentive Initiative Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified																	0%
	Adjustment to 2018 savings Process and Systems Upgrades Initiatives -	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Energy Manager Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14	Low Income Program Low Income Initiative Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15	Other Aboriginal Conservation Program Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16	Program Enabled Savings Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
17	Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18	Loblaws Pilot Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19	2 Conservation Fund Pilot - SEG Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20	Social Benchmarking Pliot Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
21	Conservation First Framework Residential Province-Wide Programs Save on Energy Instant Discount Program	P/C Report	1,619,123		100.00%														100%

Adjustment to 2018 savings P	ost P/C Repor	t		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
	P/C Report	559.079		98.00%														100%
	Post P/C Report	,-		98.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy New Construction Program	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	070
24 Save on Energy Smart Thermostat Program	P/C Report	155,650		100.00%														100%
	ost P/C Repor			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	076
	P/C Report Post P/C Report	16,620,624 t	2,236	0.00%	3% 3.03%	36% 36.36%	39% 39.39%	21% 21.21%	0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Small Business Lighting Program	P/C Report	401,671	160		96%	4%												100%
Adjustment to 2018 savings P	ost P/C Repor	t		0.00%	95.96%	4.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Existing Building				0.00%	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.00%	0.0070	
Commissioning Program Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Process & Systems Upgrades Program	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Save on Energy Monitoring & Targeting Program	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Save on Energy Energy Manager Program	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business Refrigeration Local Program Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program	Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35 Social Benchmarking Local Program Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc																		
26 Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage	rrue-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41 Regulation (CVR) Leveraging AMI Data Pilot	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Agricultural Sector	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified																	0%
Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

	Foronto Hydro-Electric System Limited - Direct nstall - Hvdronic (Pilot Savinas) Adjustment to 2018 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>48</u>	Foronto Hydro-Electric System Limited - Direct nstall - RTU Controls (Pilot Savings)	Verified																	0%
	Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Foronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified																	0%
	Adjustment to 2018 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Ī	Actual CDM Savings in 2018		19,356,146	2,396	2,322,670	900,287	9,836	10,572	5,693	0	0	0	0	0	0	0	0	0	
	Forecast CDM Savings in 2018				4,365,766	1,133,691	8.871	1,546	40,432	0	0	2.344	0	0	0	0	0	0	
	Distribution Rate in 2018 DISTRIBUTION TO THE TO TH				\$0.00490 \$0.00 \$0.00 \$0.00 \$0.00 \$1.2783.77 \$26,904.36 \$36,495.22 \$11,381.08 \$96,589.12 \$21,392.25	\$0.01400 \$0.00 \$0.00 \$0.00 \$23,454.21 \$22,343.28 \$8,209.21 \$9,387.72 \$12,604.02 \$75,998.43 \$15,871.67	\$2.76500 \$0.00 \$0.00 \$0.00 \$10,040.36 \$30,007.00 \$14,043.10 \$44,203.39 \$27,197.34 \$125,491.19 \$24,529.35	\$3.06950 \$0.00 \$0.00 \$0.00 \$16,321.03 \$27,872.29 \$9,151.96 \$28,187.22 \$32,451.12 \$113,983.62 \$4,744.58	\$2.75770 \$0.00 \$0.00 \$0.00 \$5,722.20 \$349,519.28 \$13,564.91 \$26,336.92 \$15,689.70 \$410,842.01 \$111,498.87	\$0.02230 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8.38860 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$10.28460 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$2.961.96 \$0.00 \$2,961.96	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$4,562.48 \$442,525.62 \$71,873.54 \$147,572.43 \$99,332.27 \$825,866.33 \$202,141.49 \$623,724.85
	.ost Revenue in 2018 from 2011 programs .ost Revenue in 2018 from 2012 programs .ost Revenue in 2018 from 2013 programs .ost Revenue in 2018 from 2014 programs .ost Revenue in 2018 from 2015 programs .ost Revenue in 2018 from 2015 programs .ost Revenue in 2018 from 2017 programs .ost Revenue in 2018 from 2017 programs .ost Revenue in 2018 from 2017 programs .ost Revenue in 2018 from 2018 programs .ost Revenue in 2018 from 2017 programs .ost Revenue in 2018 from 2018 programs .ost Revenues in 2018 from 2018 programs .ost Revenues in 2018 from 2018 programs .ost Revenues in 2018 programs .ost Revenues .ost Revenues				\$0.00 \$0.00 \$0.00 \$9.024.69 \$12,783.77 \$26,904.36 \$36,495.22 \$11,381.08 \$96,589.12	\$0.00 \$0.00 \$0.00 \$23,454.21 \$22,343.28 \$8,209.21 \$9,387.72 \$12,604.02 \$75,998.43	\$0.00 \$0.00 \$0.00 \$10,040.36 \$30,007.00 \$14,043.10 \$44,203.39 \$27,197.34 \$125,491.19	\$0.00 \$0.00 \$0.00 \$16,321.03 \$27,872.29 \$9,151.96 \$28,187.22 \$32,451.12 \$113,983.62	\$0.00 \$0.00 \$0.00 \$5,722.20 \$349,519.28 \$13,564.91 \$26,336.92 \$15,698.70 \$410,842.01	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$2,961.96 \$0.00 \$2,961.96	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$64,562.48 \$442,525.62 \$71,873.54 \$147,572.43 \$99,332.27 \$825,866.33 \$202,141.49

Note: Alectra relied on the Participation and Cost Report (P/C) and true up any savings subsequent to P/C report based on the CDM listing on closed/paid projects

		Return to top																
lle 5-e. 2019 Lost Revenues Work Form		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate All	ocations for LRAMV	'A						
Program	Results Status	2019	2019	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							To
acy Framework sidential Program				kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
noon Initiative ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Annual Retailer Event Initiative ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
liance Retirement Initiative ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
AC Incentives Initiative ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
idential New Construction and Major ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nmercial & Institutional Program ray Audit Initiative ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ciency: Equipment Replacement Incentive ative ustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ct Install Lighting and Water Heating ative stment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Construction and Major Renovation	Verified			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
tive stment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ng Building Commissioning Incentive ive stment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
strial Program ss and Systems Upgrades Initiatives - t Incentive Initiative	Verified																	
stment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ess and Systems Upgrades Initiatives - oring and Targeting Initiative	Verified																	
tment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ess and Systems Upgrades Initiatives - ny Manager Initiative trment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ncome Program ncome Initiative tment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
r ginal Conservation Program	Verified																	
ustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Program Enabled Savings	Verified															,	0%
Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	J%
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Loblaws Pilot Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot - SEG Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program	Verified															,	0%
Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	770
Save on Energy Heating and Cooling Program	Verified																0%
Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy New Construction Program	Verified															(0%
Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Home Assistance Program	Verified															(0%
Adjustment to 2019 savings Non-Residential Province-Wide Programs	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Audit Funding Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Retrofit Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Small Business Lighting Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Construction Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Existing Building Commissioning Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Process & Systems	Verified																0%
Upgrades Program Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	J76
Save on Energy Monitoring & Targeting Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Energy Manager Program	Verified																0%
Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	770
Local & Regional Programs Business Refrigeration Local Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
First Nation Conservation Local Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Social Benchmarking Local Program Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc																	
Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2019 savings	True-up Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Adjustment to 2019 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2019 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified																0%
	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																	0%
	Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified																	0%
	Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified																	0%
	Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>45</u>	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Oakville Hydro Electricity Distribution Inc																		
46	Direct Install - RTU Controls Adjustment to 2019 savings	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47	Toronto Hydro-Electric System Limited - Direct	Verified																	0%
	Install - Hydronic (Pilot Savings) Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>48</u>	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified																	0%
	Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP -	Verified																	0%
	Large (Pilot Savings) Adjustment to 2019 savings	True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	I
	Forecast CDM Savings in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Distribution Rate in 2019 Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2019 programs Total Lost Revenues in 2019 programs Total Lost Revenues in 2019				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
	2019 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Note: LDC to make note of key assumptions include	ed above																	

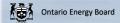
· ·

Table 5-f.	2020 Lost Revenues Work Form	Return to top	

		Net Energy Savings (kWh)	Net Demand Savings (kW)							Rate Allo	ocations for LRAM	VA						
Program	Results Status	2020	2020	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
Legacy Framework				kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
Actual CDM Savings in 2020		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2020				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2020 from 2011 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2012 programs				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00
ost Revenue in 2020 from 2013 programs ost Revenue in 2020 from 2014 programs				\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2014 programs.				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2016 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2017 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2018 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2019 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2020 from 2020 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2020				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2020 LRAMVA in 2020				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00

Note: LDC to make note of key assumptions included above

Return to top



LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

Legend

User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)

Instructions

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
- 2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
- 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Table 6. Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

				,	,															
Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q4 2012 Q1	1.47%	Apr-11 May-11	2011	Q2 Q2	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2012 Q1	1.47%	Jun-11	2011	Q2 Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q3	1.47%	Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q4	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q2	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q3 2013 Q4	1.47%	Nov-11 Dec-11	2011 2011	Q4 Q4	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2014 Q1	1.47%	Total for 2011	2011	Q4	0.1270	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q2	1.47%	Amount Cleared	1			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q3	1.47%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q4	1.47%	Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q1	1.47%	Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q2 2015 Q3	1.10%	Mar-12	2011-2012	Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
2015 Q3 2015 Q4	1.10%	Apr-12 May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q1	1.10%	Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q2	1.10%	Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q4	1.10%	Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q1	1.10%	Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q2 2017 Q3	1.10%	Nov-12 Dec-12	2011-2012 2011-2012	Q4 Q4	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2017 Q3	1.50%	Total for 2012	2011-2012	Q4	0.1270	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q1	1.50%	Amount Cleared	1			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q2	1.89%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q2 2019 Q3	2.18%	Apr-13 May-13	2011-2013	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2019 Q4	2.18%	Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q1	2.18%	Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q2	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q4	0.57%	Oct-13	2011-2013	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q1 2021 Q2		Nov-13 Dec-13	2011-2013	Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
2021 Q3		Total for 2013	2011 2010		0.1270	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q4		Amount Cleared	i																	,
2022 Q1		Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q2		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q3 2022 Q4		Feb-14 Mar-14	2011-2014 2011-2014	Q1 Q1	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2022 Q4 2023 Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q1		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q3		Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q4		Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Q1		Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Q2 2024 Q3		Sep-14 Oct-14	2011-2014 2011-2014	Q3 Q4	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
2024 Q3		Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q2		Total for 2014		1 7		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q3		Amount Cleared	i																	
2025 Q4		Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Cheek OFR web -'t-		Feb-15 Mar-15	2011-2015	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Check OEB website		CI-1BM	2011-2015	ı Qı	U.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

115 0044 0045	Q2	0.000/	\$0.00	60.00	60.00	60.00	60.00	*0.00	60.00	60.00	\$0.00	60.00	\$0.00	\$0.00	\$0.00	#0.00	*0.00
Apr-15 2011-2015 May-15 2011-2015	Q2 Q2	0.09%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Jun-15 2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15 2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15 2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15 2011-2015 Oct-15 2011-2015	Q3 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Nov-15 2011-2015	Q4 Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-15 2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Opening Balance for 2016	01	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Feb-16 2011-2016	01	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-16 2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-16 2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-16 2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-16 2011-2016 Jul-16 2011-2016	Q2 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-16 2011-2016 Aug-16 2011-2016	Q3 Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-16 2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-16 2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-16 2011-2016 Total for 2016	Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Amount Cleared			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balance for 2017			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-17 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-17 2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-17 2011-2017 Jun-17 2011-2017	Q2 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Jul-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-17 2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-17 2011-2017 Nov-17 2011-2017	Q4 Q4	0.13%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Dec-17 2011-2017	Q4 Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2017	QH	0.1370	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared								-									
Opening Balance for 2018			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18 2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18 2011-2018 Mar-18 2011-2018	Q1 Q1	0.13% 0.13%	\$7.83 \$15.67	\$6.26 \$12.53	\$10.52 \$21.03	\$11.38 \$22.76	\$31.18 \$62.36	\$0.00 \$0.00	\$0.00 \$0.00	-\$2.20 -\$4.40	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$64.97 \$129.94
Mar-18 2011-2018 Apr-18 2011-2018	Q2	0.15%	\$29.61	\$23.67	\$21.03	\$43.01	\$117.87	\$0.00	\$0.00	-\$4.40 -\$8.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$129.94
May-18 2011-2018	Q2	0.16%	\$39.48	\$31.57	\$53.00	\$57.35	\$157.16	\$0.00	\$0.00	-\$11.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$327.46
Jun-18 2011-2018	Q2	0.16%	\$49.35	\$39.46	\$66.26	\$71.69	\$196.44	\$0.00	\$0.00	-\$13.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$409.32
Jul-18 2011-2018	Q3	0.16%	\$59.22	\$47.35	\$79.51	\$86.03	\$235.73	\$0.00	\$0.00	-\$16.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$491.18
Aug-18 2011-2018 Sep-18 2011-2018	Q3 Q3	0.16% 0.16%	\$69.09 \$78.96	\$55.24 \$63.13	\$92.76 \$106.01	\$100.36 \$114.70	\$275.02 \$314.31	\$0.00 \$0.00	\$0.00 \$0.00	-\$19.42 -\$22.20	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$573.05 \$654.91
Oct-18 2011-2018	Q3 Q4	0.16%	\$101.99	\$81.55	\$106.01	\$114.70	\$314.31	\$0.00	\$0.00	-\$22.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$845.93
Nov-18 2011-2018	Q4	0.18%	\$113.32	\$90.61	\$152.14	\$164.62	\$451.09	\$0.00	\$0.00	-\$31.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$939.92
Dec-18 2011-2018	Q4	0.18%	\$124.65	\$99.67	\$167.36	\$181.08	\$496.20	\$0.00	\$0.00	-\$35.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,033.91
Total for 2018			\$689.15	\$551.04	\$925.27	\$1,001.13	\$2,743.36	\$0.00	\$0.00	-\$193.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,716.18
Amount Cleared			\$689.15	\$551.04	\$925.27	\$1,001.13	\$2.743.36	\$0.00	\$0.00	-\$193,76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.716.18
Opening Balance for 2019 Jan-19 2011-2019	Q1	0.20%	\$689.15 \$153.53	\$551.04 \$122.76	\$925.27 \$206.13	\$1,001.13 \$223.03	\$2,743.36 \$611.16	\$0.00	\$0.00	-\$193.76 -\$43.17	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,273,44
Feb-19 2011-2019	Q1	0.20%	\$153.53	\$122.76	\$206.13	\$223.03	\$611.16	\$0.00	\$0.00	-\$43.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,273.44
Mar-19 2011-2019	Q1	0.20%	\$153.53	\$122.76	\$206.13	\$223.03	\$611.16	\$0.00	\$0.00	-\$43.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,273.44
Apr-19 2011-2019	Q2	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
May-19 2011-2019	Q2	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Jun-19 2011-2019 Jul-19 2011-2019	Q2 Q3	0.18%	\$136.61 \$136.61	\$109.23 \$109.23	\$183.41 \$183.41	\$198.45 \$198.45	\$543.81 \$543.81	\$0.00 \$0.00	\$0.00 \$0.00	-\$38.41 -\$38.41	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$1,133.10 \$1,133.10
Aug-19 2011-2019	Q3	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Sep-19 2011-2019	Q3	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Oct-19 2011-2019	Q4	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Nov-19 2011-2019	Q4 Q4	0.18%	\$136.61 \$136.61	\$109.23 \$109.23	\$183.41 \$183.41	\$198.45 \$198.45	\$543.81 \$543.81	\$0.00	\$0.00 \$0.00	-\$38.41 -\$38.41	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$1,133.10 \$1,133.10
Dec-19 2011-2019 Total for 2019	Ų4	0.18%	\$136.61	\$109.23 \$1,902.39	\$183.41 \$3,194.39	\$198.45 \$3,456.28	\$543.81 \$9,471.09	\$0.00	\$0.00	-\$38.41 -\$668.95	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00		\$1,133.10 \$19,734.39
Amount Cleared			72,570,20	, .,	,10-1.03	-5,400.20	,, 1.00	\$0.00	40.00	7.00.00	40.00	\$0.50	40.00	\$0.03	\$0.00	70.00	,,. 04.00
Opening Balance for 2020			\$2,379.20	\$1,902.39	\$3,194.39	\$3,456.28	\$9,471.09	\$0.00	\$0.00	-\$668.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$19,734.39
Jan-20 2011-2020	Q1	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Feb-20 2011-2020	Q1	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Mar-20 2011-2020 Apr-20 2011-2020	Q1 Q2	0.18%	\$136.61 \$136.61	\$109.23 \$109.23	\$183.41 \$183.41	\$198.45 \$198.45	\$543.81 \$543.81	\$0.00 \$0.00	\$0.00 \$0.00	-\$38.41 -\$38.41	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$1,133.10 \$1,133.10
May-20 2011-2020	Q2	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81 \$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Jun-20 2011-2020	Q2	0.18%	\$136.61	\$109.23	\$183.41	\$198.45	\$543.81	\$0.00	\$0.00	-\$38.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,133.10
Jul-20 2011-2020	Q3	0.05%	\$35.72	\$28.56	\$47.96	\$51.89	\$142.19	\$0.00	\$0.00	-\$10.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$296.27
Aug-20 2011-2020	Q3	0.05%	\$35.72	\$28.56	\$47.96	\$51.89	\$142.19	\$0.00	\$0.00	-\$10.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$296.27
	Q3 Q4	0.05%	\$35.72	\$28.56	\$47.96 \$47.96	\$51.89	\$142.19	\$0.00	\$0.00	-\$10.04 -\$10.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$296.27
Sep-20 2011-2020		0.05%	\$35.72 \$35.72	\$28.56 \$28.56	\$47.96 \$47.96	\$51.89 \$51.89	\$142.19 \$142.19	\$0.00 \$0.00	\$0.00 \$0.00	-\$10.04 -\$10.04	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$296.27 \$296.27
Oct-20 2011-2020																	
Oct-20 2011-2020 Nov-20 2011-2020	Q4	0.05%	\$35.72		\$47.96	\$51.89	\$142.19	\$0.00	\$0.00	-\$10.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$296.27
Oct-20 2011-2020 Nov-20 2011-2020 Dec-20 2011-2020 Total for 2020				\$28.56 \$2,729.13			\$142.19 \$13,587.06	\$0.00 \$0.00	\$0.00 \$0.00	-\$10.04 - \$959.66	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$296.27 \$28,310.61
Oct-20 2011-2020 Nov-20 2011-2020 Dec-20 2011-2020 Total for 2020 Amount Cleared	Q4		\$35.72 \$3,413.15	\$28.56 \$2,729.13	\$47.96 \$4,582.62	\$51.89 \$4,958.31	\$13,587.06	\$0.00	\$0.00	-\$959.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,310.61
Oct-20 2011-2020 Nov-20 2011-2020 Dec-20 2011-2020 Total for 2020	Q4		\$35.72	\$28.56	\$47.96	\$51.89										\$0.00	

Supporting Documentatio LDC Persistence Savings Results f

Legend

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

Instructions (Steps)

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B
- 2. Please identify the source of the report via the dropdown list in Column I.
- 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking
- 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an
- 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below mate

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	#1					#3	#2	#4	#1
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings	Net Verifi
									2011
Tier 1	Consumer	Appliance Exchange	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	3
Tier 1	Consumer	Appliance Retirement	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	43
Tier 1	Consumer	Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	15
Tier 1	Consumer	Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	11
Tier 1	Consumer	HVAC Incentives	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	450
Tier 1	Consumer	Residential Demand Response	Guelph Hydro Electric Systems Inc.	Residential	DR	2011	2011 Results Persistence	Current year savings	124
Tier 1	Consumer	Retailer Co-op	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings	0
Tier 1	Business	Demand Response 3 - Business	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	DR	2011	2011 Results Persistence	Current year savings	2
Tier 1	Business	Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	DR	2011	2011 Results Persistence	Current year savings	307
Tier 1	Business	Direct Install Lighting	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	313
Tier 1	Business	Retrofit - Business	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	110
Tier 1	Industrial	Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc.	Industrial	DR	2011	2011 Results Persistence	Current year savings	0
Tier 1	Industrial	Retrofit - Industrial	Guelph Hydro Electric Systems Inc.	Industrial	EE	2011	2011 Results Persistence	Current year savings	596
Tier 1	Pre-2011 Pro	Electricity Retrofit Incentive Program	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	1,385
Tier 1	Pre-2011 Pro	High Performance New Construction	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	62
Tier 1	Business	Direct Install Lighting	Guelph Hydro Electric Systems Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Business	Retrofit - Business	Guelph Hydro Electric Systems Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Business	Energy Audit	Guelph Hydro Electric Systems Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Appliance Exchange	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Appliance Retirement	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Consumer	HVAC Incentives	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Pre-2011 Pro	High Performance New Construction	Guelph Hydro Electric Systems Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings	0
Tier 1	Business	Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc.	C&I	DR	2012	2012 Results Persistence	Current year savings	0
Tier 1	Other	Program Enabled Savings	Guelph Hydro Electric Systems Inc.			2012	2012 Results Persistence	Current year savings	0

n:

rom IESO

Version 5.0 (2021)

to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

ng on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

ch those provided by the IESO.

ed Annual Peak Demand Savings at the End-User Level (kW)

3 3 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
15		3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	43	43	42	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
450	15	15	15	14	13	10	10	13	6	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11	11	11	10	9	8	8	9	5	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
110	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	396	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Second Process	313	308	257				86	86			84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,385 1,385 <th< td=""><td>110</td><td>110</td><td>110</td><td>110</td><td>110</td><td>110</td><td>110</td><td>74</td><td>74</td><td>74</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></th<>	110	110	110	110	110	110	110	74	74	74	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0
1,385 0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62 62 62 62 62 62 62 62 62 62 62 62 62 6												166	166	166	166	0	0	0	0	0	0	0	0	0	0	0
156			1,385				1,385	1,385			1,385	1,385	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,055 1,049 1,019 842 842 753 745 745 737 629 623 623 623 382 305 305 29 10 10 10 10 0 <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>62</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>37</td> <td>0</td>	62	62	62	62	62	62	62	62	62	62	62	62	62	62	37	37	37	37	37	37	37	37	37	37	37	0
1,055 1,049 1,019 842 842 753 745 745 737 629 623 623 623 382 305 305 29 10 10 10 10 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																										
83 83 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>													0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 3 3 3 3 3 0					842	753	745	745	737	629	623	623	382	305	305	29	10	10	10	10	0	0	0	0	0	0
23 23 23 23 14 0 <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 13 13 13 12 10 8 8 8 5 2 2 2 2 2 1 <t< td=""><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 2						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
253 2			13				8	8	8	5	2	2	2	2		2	1	1	1	1	0	0	0	0	0	0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0			252				252	252	252		252	252	252	•		252	252	252	216	0	U	0	0	U	0	0
1,069 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	253	253	253		253	253	253	253	253	253	253	253	253	253	253	253	253	253	216	0	0	0	0	0	0	0
	1.060	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Z ₁ 304 Z ₁ 304 Z ₂ 304 Z ₂ 0 Z		2 204	2 204	220	220	220	220	220	220	220	220	220	220	220	220	0	0	0	0	0	0	0	0	0	0	0
	2,304	2,304	2,304	228	228	228	228	228	228	228	228	228	228	228	228	U	U	U	U	U	U	U	U	U	U	U

#1
Net Verified Annual Energy Savings at the End-User Level (kWh)

N N N	- N	N N	2	2	2	N	2	2	2	2	2	2	Ν	2	2	2	- 2
2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
0 0	0 3,32	3,328	3,328	2,101	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 312,75	312,750	312,750	312,244	221,958	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 263,99	263,995	263,995	263,995	241,272	216,448	163,188	162,593	210,140	67,432	24,280	21,373	21,373	15,785	15,785	14,342	0
0 0	0 171,74	171,748	171,748	171,748	158,144	143,283	112,051	111,346	139,811	54,375	17,182	14,070	14,070	12,955	12,955	12,600	0
0 0	0 861,56	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567	861,567
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 11,99		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 778,99		766,800	615,129	615,129	615,129	217,877	216,085	216,085	216,085	200,948	200,948	0	0	0	0	0
0 0	0 549,20	549,202	549,202	549,202	549,202	549,202	549,202	549,202	401,596	401,596	401,596	51,693	51,693	51,693	51,693	51,693	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 3,704,02	7 3,704,027	3,704,027	3,704,027	3,704,027	3,704,027	3,704,027	3,704,027	1,738,512	1,738,512	1,738,512	888,424	888,424	888,424	888,424	888,424	0
0 0	7,431,46	7,431,466		7,431,466	7,431,466	7,431,466	7,431,466	7,431,466	7,431,466	7,431,466	7,431,466	7,431,466	7,431,466	0	0	0	0
0 0	0 317,09	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	317,091	189,946	189,946
0 0	0	553,506	553,506	543,662	506,591	506,591	215,935	215,935	215,935	215,935	215,935	206,292	206,292	0	0	0	0
0 0	0	5,028,199	5,006,770	4,911,772	4,331,063	4,331,063	4,039,117	3,990,373	3,990,373	3,932,828	3,288,699	3,100,010	3,096,044	1,706,742	1,456,171	1,456,171	67,071
0 0	0	402,820	402,820	402,820	402,820	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	5,639	5,639	5,639	5,621	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	167,643	167,643	167,643	167,643	103,947	0	0	0	0	0	0	0	0	0	0	0
0 0	0	240,587	240,587	240,587	240,587	216,272	175,860	119,955	119,705	119,705	60,801	45,122	43,720	43,720	40,668	40,668	40,111
0 0	0	12,560	12,560	12,560	12,560	12,372	12,372	5,826	5,794	5,794	5,794	941	758	758	651	651	627
0 0	0	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783
0 0	0	983	983	983	983	983	983	983	983	983	983	983	983	0	0	0	0
0 0	0	15,535	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	1,188,362	0

2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
861,567	813,238	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
189,946	189,946	189,946	189,946	189,946	189,946	189,946	189,946	189,946	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
23,152	23,152	23,152	23,152	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
11,255	11,255	11,255	11,255	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
449,783	449,783	416,280	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend

User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: Village of Rockwood

First phase completed in 2017

sc pine		t revenue base		
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	а	b	С	b * c
Jan-17	37.00		104%	0.00
Feb-17	14.20	-22.80	104%	-24.00
Mar-17	14.20	-22.80	104%	-24.00
Apr-17	14.20	-22.80	104%	-24.00
May-17	14.20	-22.80	104%	-24.00
Jun-17	14.20	-22.80	104%	-24.00
Jul-17	14.20	-22.80	104%	-24.00
Aug-17	14.20	-22.80	104%	-24.00
Sep-17	14.20	-22.80	104%	-24.00
Oct-17	14.20	-22.80	104%	-24.00
Nov-17	14.20	-22.80	104%	-24.00
Dec-17	14.20	-22.80	104%	-24.00
Total				-264.0000
Persistence in	2018			-288.00000
Persistence in	2019			-288.00000
Persistence in	2020			-288.00000
Persistence in	2021			-288.00000
Persistence in	2022			-288.00000
Persistence in	2023			-288.00000
Persistence in	2024			-288.00000
Persistence in	2025			-288.00000
Persistence in	2026			-288.00000

Details of Project #1 (Month, Year)

Pre-conversion billing demand			
Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	e	d * e
High-Pressure Sodium Street Light	0.100	269	2
High-Pressure Sodium Street Light	0.130	54	
High-Pressure Sodium Street Light	0.180	17	
Total		340.00	36.98

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d ₁	e 1	d ₁ * e ₁
Philips Lumec RFS0560	0.038	269	10.1
Philips Lumec RFS0596	0.053	54	2.8
Philips Lumec RFM1555	0.073	17	1.2
Total		340.00	14.16

Post-conversion billing demand

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 40

ATTACHMENT 40 PARTICIPATION AND COST REPORTS ALECTRA

Program Participation & Cost Report

Message from the IESO Reporting Team

The IESO is pleased to provide LDCs with the Monthly Program Participation & Cost Report.

This report is generally posted on the IESO LDC Extranet by the Friday of the week following the 15th of each month. The report provides province-wide and LDC specific program participation and costs to the extent known based on information received by the IESO from all distribution companies and IESO Value Added Service Provider.

The Monthly Program Participation & Cost Report includes preliminary, unverified results based on information received by the IESO. Upon verification of project information through the IESO Evaluation, Measurement and Verification (EM&V) process, results will be reported as 'verified'. Performance against CDM Plan information is also available in this report and is based on the LDC's approved CDM Plan as at the end of the reporting period. Where two or more LDCs have submitted a joint CDM Plan, the IESO will provide a Monthly Program Participation & Cost Report for each LDC included in the CDM Plan.

The IESO strives to improve on the current reporting processes to provide meaningful and timely information to LDCs. Your feedback is encouraged and appreciated. Should you have any feedback, questions or comments on this report please contact us at LDC.Support@ieso.ca.



Program Participation & Cost Report Table of Contents

#	Worksheet Name	Worksheet Description
#	worksneet Name	worksneet Description

1	Cover Letter	Provides an overview of the IESO Value Added Services Report.
2	How to Use This Report	Describes the contents and structure of this report.
3	LDC Summary	A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the LDC's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) Annual savings and spending; 4) Annual LDC CDM Plan spending progress; 5) Graphs describing: a) Contribution to 2020 Target Achievement by program; b) Program to Date LDC CDM Plan Budget Spending by Sector; c) Annual energy savings persistence to 2020 by year; d) Allocated Target achievement progress relative to other LDCs; and e) LDC CDM Plan Budget Spending progress relative to other LDCs.
4	LDC Progress	A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
5	Province-Wide Summary	A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the Province's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) Savings and Spending 2015-2020 Forecasts; 2) Centrally Delivered Spending and Budget 3) LDCs who are forecasted to be over 2015-2020 allocated budget
6	Province-Wide Progress	A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
7	IESO VAS and CD Costs	Insight into the spending and savings of Centrally Delivered Programs and non-program related items.
8	Retrofit Multi-Site Applications	Provision of the LDCs and the Province-Wide aggregated Multi-Site Application activity and costs for each year of the Save on Energy Retrofit Program.
9	Methodology	Description of the methods used to calculate energy savings, financial results and cost-effectiveness.
10	Reference Tables	Consumer Program Province-Wide results allocation to specific LDCs.
11	Glossary	Definitions for the terms used throughout this report.



Program Participation & Cost Report How to Use This Report

The IESO is pleased to provide you with the Monthly Participation and Cost Report.

This report provides:

- 1) program participation;
- 1) electricity savings; and
- 2) costs

to the extent known based on information received by the IESO in accordance with Section 9.2(c)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail:

- 1) program participation results including:
 - a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);
- 2) program savings results including:
 - a) net 2020 annual energy savings;
 - b) allocated target, target achievement and progress towards target;
 - c) incremental net first year energy savings;

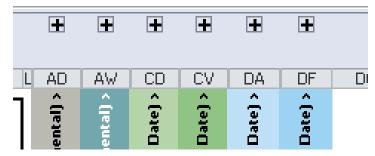
and where available reported by: i) forecasts; ii) unverified and verified actuals; and iii) progress (forecast vs actuals);

- 3) program spending including:
 - a) participation incentive spending;
 - b) administrative expense spending (including IESO value-added services costs);
 - c) aggregated total spending;

and for each cost: i) forecasts; ii) unverified and verified actuals; and iii) progress (forecast vs actuals);

by both the LDC specific level and the province-wide aggregated level.

This report's format is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the results categories listed above have been grouped together for easy accessibility.



Please note:

- 1) Cost Effectiveness Test (CET) results including:
 - a) total resource cost test;
 - b) program administration cost test;
 - c) levelized unit energy cost test;

will not be available for the 2015 program year in this report but will be provided to LDCs once available.

2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on LDC submitted and IESO approved CDM Plan - Cost Effectiveness Tools as of the end of the reporting month.

(from the i) Program Design; ii) Budget Inputs; iii) Savings Results; and iv) CE Results; worksheets); Please note that this does not contain data for Legacy Framework program spending or CFF pilot program activity, savings, spending or cost effectiveness.

- 3) Annual FCR Progress only includes Full Cost Recovery funded program savings. In future reports, any Pay-for-Performance funded programs will be reported as a separate line item.
- 4) The complete list of programs and pilots launched into market in 2015 has been included, however no programs and pilots were in market for a sufficient period of time to enable a valid EM&V process. Therefore these programs and pilots have nothing to report at this time and have cells greyed out rather than reporting zero savings or spending. Any results in 2015 will be determined in a subsequent EM&V process and will be included in a future year's Annual Verified Results Report as a 2015 adjustment;
- 5) Pilot program savings are attributed to the LDC where the pilot program project is located in; and
- 6) This Monthly Participation and Cost Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;



Program Participation & Cost Report Summary

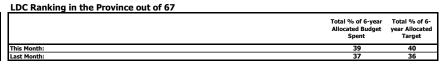
Alectra Utilities	Corporation
As of:	15-Apr-19

CDM Plan CFF Target (kWh): 1,812,764,172 CFF Budget: \$412,907,156

Allocated Paid Pre-Funding 1,604,544,161 \$414,824,478

\$14,763,348

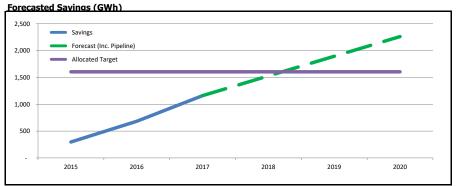
Summary of Performance Metrics					
	2019 CDM Results	2019 CDM Plan %	6-year CDM Results	6-year CDM Plan %	6-year Allocated %
Net Energy Savings (kWh) as at 2020	3,468,152	1%	1,299,180,049	71.7%	81.0%
Total Actual Spending (\$)	\$ 12,874,421	16%	\$ 204,597,454	49.6%	49.3%
Cost-effectiveness: Total Resource Cost Test (Ratio)	2.78		1.99		
Cost-effectiveness: Program Administrator Cost Test (Ratio)	4.13		3.08		
Cost-offectiveness: Levelized Unit Flectricity Cost (\$/kWh)	0.02		0.02		

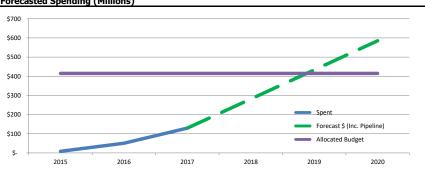


0.15 cents/kWh

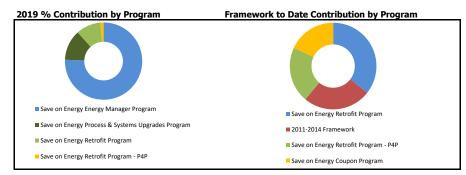
MTI Calculated Payout: 2015-17 kWh & MTI Rate: 13,380,313 892,020,857 Paid MTI Amount: 13,380,313

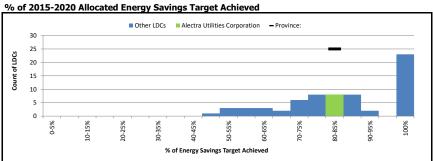
Forecasted Spending (Millions)



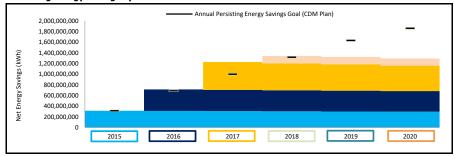




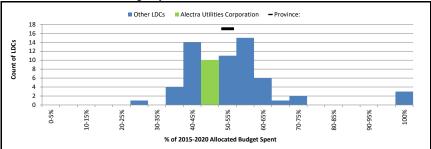














Alectra (Jtilities Corporation	2019 CDM	Plan Forecast	6-year CDM	Plan Foreca
As of:	15-Apr-19	% kWh Target	% Budget Spent	% kWh Target	% Budge Spent
	Program			-	
	Save on Energy Coupon Program	0%	0%	127%	95%
	Save on Energy Heating and Cooling Program	0%	33%	64%	89%
	Save on Energy Home Assistance Program	0%	0%	19%	17%
Residential (Province-	Save on Energy Instant Discount Program				
Wide)	Save on Energy New Construction Program	0%	22%	21%	42%
	Save on Energy Smart Thermostat Program				
	Save on Energy Whole Home Program			142%	0%
	Residential Programs Total	0%	23%	137%	93%
	Save on Energy Audit Funding Program	0%	13%	116%	70%
	Save on Energy Retrofit Program	3%	102%	77%	54%
	Save on Energy Retrofit Program - P4P	0%	13%	38%	26%
	Save on Energy Retrofit Program Enabled Savings	1			
	Save on Energy Small Business Lighting Program	0%	0%	93%	90%
	Save on Energy Business Refrigeration Program	0%	1%	99%	67%
Non-	Save on Energy Energy Performance Program				
Residential	Save on Energy Existing Building Commissioning Program	0%	1%	5%	30%
(Province-	Save on Energy High Performance New Construction Program	1%	24%	90%	86%
Wide)	Save on Energy High Performance New Construction Program Enabled Savings				
	Save on Energy Process & Systems Upgrades Program	1%	1%	4%	11%
	Save on Energy Process & Systems Upgrades Program - P4P			152%	92%
	Save on Energy Process & Systems Upgrades Program Enabled Savings				
	Save on Energy Energy Manager Program	68%	7%	138%	40%
	Save on Energy Monitoring & Targeting Program	2%	0%	7%	23%
	Non-Residential Programs Total	1%	14%	54%	39%
Local LDC Programs	Local LDC Programs Total	0%	42%	58%	56%
DC Innovation	LDC Innovation Pilots Total			110%	100%
arget Gap	•			<u> </u>	
lon-Approve	ed Program	=			
Jnassigned F	Program				
nergy Savin	gs from 2011-2014 Framework			104%	
OTAL Conse	ervation First (CDM Plan Forecast)	1%	16%	72%	50%



Count (Incremental)						A By Month			Energy Sa (Increme
	YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date	2019 Unverified Year to Date	Program to Date	
	0/- Total	0/- Total	LWh	LAND	LWh	LAMb	LAND	L/M/h	

YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	Year to Date	Year to Date	Program to Date
% Total	% Total	kWh	kWh	kWh	kWh	kWh	kWh
0%	14%	11,596,136	89,482,141	92,769,966			193,848,242
0%	3%	5,486,785	17,897,208	17,195,004	6,773,896		47,352,892
0%	0%		928,527	713,933	387,322		2,029,783
0%	9%			87,555,950	37,528,001		125,083,950
0%	0%	107,573	1,369,401	1,245,569	1,420,802		4,143,346
0%	0%			314,031	1,007,238		1,321,269
0%	0%			1,991,210			1,991,210
0%	27%	17,190,494	109,677,277	201,785,662	47,117,259		375,770,692
0%	1%	620,994	972,555	6,379,998	1,902,232		9,875,780
10%	25%	24,852,504	130,177,647	149,421,507	39,482,152	356,522	344,290,332
1%	15%	5,912,613	88,240,266	85,771,390	22,486,857	45,545	202,456,670
0%	0%	102,350	853,698	474,578			1,430,626
0%	1%		304,916	8,173,262	5,127,390		13,605,568
0%	1%		1,013,502	7,056,830	2,583,316		10,653,648
0%	0%			592,627			592,627
0%	0%			27,970			27,970
1%	2%	238,180	9,748,884	15,020,669	6,004,467	19,360	31,031,561
0%	0%						
13%	1%		2,593,883	4,518,807	327,598	438,132	7,878,419
0%	3%		38,559,996				38,559,996
0%	0%						
75%	2%		3,608,100	8,827,747	12,628,068	2,596,219	27,660,134
0%	0%				106,000	12,374	118,374
100%	50%	31,726,641	276,073,448	286,265,385	90,648,080	3,468,152	688,181,705
0%	4%		14,853,697	33,912,641			48,766,339
	0%		2,678,270				2,678,270

0	9%	19%	265,093,763					265,093,763
10	00%	100%	314,010,898	403,282,692	521,963,688	137,765,339	3,468,152	1,380,490,769

YTD	PTD
% Total	% Total
0%	14%
0%	4%
0%	0%
0%	8%
0%	0%
0%	0%
0%	0%
0%	26%
0%	1%
10%	27%
1%	16%
0%	0%
0%	1%
0%	1%
0%	0%
0%	0%
1%	2%
0%	0%
13%	1%
0%	3%
0%	0%
75%	2%
0%	0%
100%	52%
0%	3%
0%	0%
	% Total 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 10% 0% 0% 0% 0% 0% 0% 1% 0% 0% 1% 0% 0% 1% 0% 0% 1% 0% 0% 0% 0% 0% 0% 0% 0% 0%

0%	19%
100%	100%



2015 Year to Date 2016 Year to Date Xear to Date Xear to Date Xear to Date Year				2018 Unverified	A By Month 2019 Unverified		Energy Savings (Persisiting to 2020)	Spending (Year to Date)	Spending (Program to Date)	Cost Effectiveness (Year to Date)	Cost Effectiveness (Prorgram to Date)
11,492,061 89,482,141 74,673,428 17,995,004 17,995,004 6,773,896 47,352,892 17,897,208 17,195,004 6,773,896 47,352,892 18,806,992 1928,527 713,933 338,231 1,808,0692 100,626,505 1,245,569 1,420,802 4,143,346 1,121,209 11,991,210 1,991,210 1,991,210 1,991,210 1,991,210 1,991,210 1,991,210 1,992,212 1,992,214 189,540,144 46,759,664 333,063,544 66,20,994 972,555 6,379,998 1,902,232 9,875,780 24,868,012 130,286,094 150,225,389 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 1,141,1657 88,3318 183,698 474,578 1,411,657 1,411,657 1,411,657 1,411,657 1,592,674 2,583,316 9,785,621 1,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 27,970 38,559,996 38,559,996 38,559,996 38,559,996 38,559,996 38,559,996 38,559,996 38,559,996 38,559,996 38,959,996 38,959,998 37,968,152 88,451,512 34,668,152 81,818,716 33,912,641 33,912,641	2015 Year to Date	2016 Year to Date	2017 Year to Date			Program to Date					24.0,
5,486,785 17,897,208 17,195,004 6,773,896 47,352,892 928,527 713,933 338,231 1,980,692 63,407,009 37,219,496 100,626,505 107,573 1,369,401 1,245,569 1,420,802 4,143,346 1,991,210 1,991,210 1,991,210 1,991,210 17,086,419 109,677,277 159,540,184 46,759,664 333,063,544 620,994 972,555 6,379,998 1,902,232 9,875,780 24,868,012 130,286,094 150,225,889 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 20,2145,006 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,833 11,219,462 804,761 6,397,544 2,583,316 9,785,621 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,607 327,598 438,132 7,878,419	kWh	kWh	kWh	kWh	kWh	kWh					
928,527 713,933 338,231 1,980,692 63,070,009 37,219,496 100,626,505 1107,573 1,369,401 1,245,569 1,420,802 4,143,346 314,031 1,007,238 1,321,269 1,991,210 1,991,210 1,991,210 17,086,419 109,677,277 159,540,184 46,759,664 333,063,544 620,994 972,555 6,379,998 1,902,232 9,875,780 24,886,012 130,286,094 150,225,389 39,286,008 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,020 7,660,407 3,296,853 11,1219,462 804,761 6,397,544 2,583,316 9,785,621 99,2627 592,627 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 22,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 11,647,698 7,346,006 12,628,068 2,596,219 24,217,991 166,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716	11,492,061	89,482,141	74,673,428			175,647,631					
100,626,505 107,573	5,486,785	17,897,208	17,195,004	6,773,896		47,352,892					
107,573		928,527	713,933	338,231		1,980,692					
314,031 1,007,238 1,321,269 1,991,210 1,991,210 1,991,210 17,086,419 109,677,277 159,540,184 46,759,664 333,063,544 620,994 972,555 6,379,998 1,902,232 9,875,780 24,868,012 130,286,094 150,225,389 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716			63,407,009	37,219,496		100,626,505					
1,991,210 17,086,419 109,677,277 159,540,184 46,759,664 333,063,544 620,994 972,555 6,379,998 1,902,232 9,875,780 24,868,012 130,286,094 150,225,389 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 1,219,462 804,761 63,97,544 2,583,316 9,785,621 99,627 592,627 592,627 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 116,374 31,928,983 273,887,215 284,082,855 88,451,512 33,912,641 33,912,641	107,573	1,369,401	1,245,569	1,420,802		4,143,346					
17,086,419 109,677,277 159,540,184 46,759,664 333,063,544 620,994 972,555 6,379,998 1,902,232 9,875,780 24,868,012 130,286,094 150,225,389 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 592,627 27,970 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 38,559,996 106,000 12,274 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641			314,031	1,007,238		1,321,269					
620,994 972,555 6,379,998 1,902,232 9,875,780 24,868,012 130,286,094 150,225,389 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 27,970 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 10,6000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716			1,991,210			1,991,210					
24,868,012 130,286,094 150,225,389 39,286,908 356,522 345,022,926 6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 592,627 27,970 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641 33,912,641	17,086,419	109,677,277	159,540,184	46,759,664		333,063,544					
6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 592,627 27,970 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641	620,994	972,555	6,379,998	1,902,232		9,875,780					
6,118,415 88,162,734 85,443,156 22,375,657 45,545 202,145,506 83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 592,627 27,970 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641	·				356,522						
83,381 853,698 474,578 1,411,657 262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,876,419 38,559,996 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641											
262,202 7,660,407 3,296,853 11,219,462 804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 592,627 27,970 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641				<i>, ,</i>	,						
804,761 6,397,544 2,583,316 9,785,621 592,627 592,627 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641	,			3,296,853							
592,627 592,627 27,970 27,970 238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641											
238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641		•	592,627			592,627					
238,180 9,743,593 15,016,373 5,944,880 19,360 30,962,387 2,593,883 4,518,807 327,598 438,132 7,878,419 38,559,996 38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641 33,912,641			27,970			27,970					
38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641	238,180	9,743,593		5,944,880	19,360						
38,559,996 1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641											
1,647,698 7,346,006 12,628,068 2,596,219 24,217,991 106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641		2,593,883	4,518,807	327,598	438,132	7,878,419					
106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641		38,559,996				38,559,996					
106,000 12,374 118,374 31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641											
31,928,983 273,887,215 284,082,855 88,451,512 3,468,152 681,818,716 33,912,641 33,912,641		1,647,698	7,346,006	12,628,068	2,596,219	24,217,991					
33,912,641				106,000	12,374	118,374					
	31,928,983	273,887,215	284,082,855	88,451,512	3,468,152	681,818,716					
2,678,270			33,912,641			33,912,641	1				
2,010,210		2 678 270				2 678 270					
		2/070/270				2,070,270	-				
		ı									
	247,706,878					247,706,878					
247,706,878	296,722,280	386,242,762	477,535,680	135,211,176	3,468,152	1,299,180,049					



Province Wide Dashboard High Level Summary

as of: 15-Apr-19

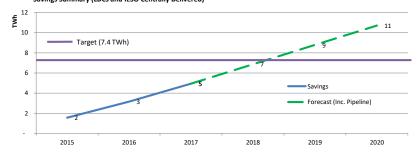
LDCs and IESO Centrally Delivered

6.06 TWh achieved to date. 82% of allocated target and 16% ahead of CDM plans. \$1268.1 million spent to date. 52% of allocated budget and 19% behind CDM plans.

ΙΔΡ

0.42 TWh achieved to date. 32% of allocated target. \$69.3 million spent to date. 27% of allocated budget.

Savings Summary (LDCs and IESO Centrally Delivered)



LDCs Forecasted Spending in millions at 2020 (excluding First Nations)

		Allocated	Forecast	%
1	Milton Hydro Distribution Inc.	\$11.91	\$19.03	160%
2	Halton Hills Hydro Inc.	\$8.39	\$11.99	143%
3	EnWin Utilities Ltd.	\$38.42	\$48.31	126%
4	Tillsonburg Hydro Inc.	\$2.88	\$2.89	100%
5	Northern Ontario Wires Inc.	\$1.17	\$1.45	123%
6	Essex Powerlines Corporation	\$8.53	\$12.12	142%
7	Thunder Bay Hydro Electricity Distribution Inc.	\$12.93	\$20.95	162%
8	Brantford Power Inc.	\$16.55	\$17.84	108%
9	Midland Power Utility Corporation	\$2.74	\$2.57	94%
10	Orillia Power Distribution Corporation	\$4.32	\$4.46	103%
11	PUC Distribution Inc.	\$7.44	\$7.30	98%
12	London Hydro Inc.	\$51.19	\$49.80	97%
13	Hydro Ottawa Limited	\$105.24	\$92.54	88%
14	Algoma Power Inc.	\$2.11	\$1.93	92%
15	Erie Thames Powerlines Corporation	\$7.11	\$14.22	200%
16	Oakville Hydro Electricity Distribution Inc.	\$24.58	\$25.30	103%
17	Hydro One Networks Inc.	\$338.36	\$348.59	103%
18	Renfrew Hydro Inc.	\$1.07	\$1.03	96%
19	Burlington Hydro Inc.	\$25.83	\$25.77	100%

Spending Summary (LDCs and IESO Centrally Delivered)



Central Services Spending in millions

	Total Actual	Budget
CFF Labour	\$2.04	\$5.40
Technical Services (to include tech reviewer)	\$36.36	\$77.40
IESO Infrastructure (IS, IT, CRM, Call Centre)	\$6.73	\$14.71
LDC Innovation Fund (Not including Whole Home)	\$13.09	\$30.64
Collaboration Fund	\$4.60	\$12.22
Capability Building, National Accounts & Energy Managers	\$4.77	\$37.03
Province Wide Marketing & Market Research	\$35.65	\$55.73
LDC Performance Incentives (MTI/ATI/ETI)	\$68.04	\$128.50
Centrally Delivered Programs Total	\$27.92	\$255.01
Centrally Delivered Provincial Total	\$199.21	\$616.64

Assumption

Forecast (Deal Days): Assume savings/spending for 1 event a year.

Pipeline: Includes discounted Retrofit data in the pipeline and all PSUP and IAP projects.

Forecasts are a linear based on past performance, aside from large PSUP and IAP projects.

Forecasts include pipeline information as well as verified and unverified data.

Forecasts for savings are based on a 6 years, spending is based on a 5 years (legacy extension).

Province-Wide Progress 2019			Plan Forecast	6-year CDM	Plan Forecast	Count (Incremental)	Energy Savings (Incremental)	(Persisiting to	Spending (Year to Date)	Spending (Program to	Cost Effectiveness	Effecti
As of: 15-Apr-19		% kWh Target	% Budget Spent	% kWh Target	% Budget Spent			2020)		Date)	(Year to Date)	(Pror D
	Program											
	Save on Energy Coupon Program	0%	2%	136%	82%							
	Save on Energy Heating and Cooling Program	2%	23%	88%	73%							
	Save on Energy Home Assistance Program	1%	5%	58%	48%							
Residential	Save on Energy Instant Discount Program			5307%	9325%							
(Province- Wide)	Save on Energy New Construction Program	4%	24%	33%	58%							
,	Save on Energy Smart Thermostat Program	0%	45%	112%	32%							
	Save on Energy Whole Home Program	0%	0%	25%	0%							
	Residential Programs Total	1%	16%	168%	83%							
	Save on Energy Audit Funding Program	0%	20%	56%	64%							
	Save on Energy Retrofit Program	2%	35%	84%	66%							
	Save on Energy Retrofit Program - P4P	0%	13%	38%	26%							
	Save on Energy Retrofit Program Enabled Savings	- 070	0%	240%	0%							
	Save on Energy Small Business Lighting Program	15%	32%	52%	53%							
	Save on Energy Business Refrigeration Program	13%	21%	49%	44%							
Non-	Save on Energy Existing Building Commissioning Program	0%	5%	14%	34%							
Residential	Save on Energy High Performance New Construction Program	1%	24%	92%	64%							
(Province- Wide)	Save on Energy High Performance New Construction Program Enabled Savings	170	2170	3270	0170							
mac)	Save on Energy Process & Systems Upgrades Program	1%	5%	9%	21%							
	Save on Energy Process & Systems Upgrades Program - P4P	1	370	152%	93%							
	Save on Energy Process & Systems Upgrades Program Enabled Savings	1		132.70	3370							
	Save on Energy Energy Manager Program	12%	15%	68%	37%							
	Save on Energy Monitoring & Targeting Program	0%	11%	2%	26%							
	Non-Residential Programs Total	2%	20%	61%	49%							
Local LDC	Local LDC Programs Total	0%	15%	43%	40%							
LDC	LDC Innovation Pilots Total	0%	0%	188%	8%							
Centrally	Centrally Delivered Total	10%		9%	49%							
arget Gap		<u> </u>										
Non-Approved Program												
Unassigned Program												
Energy Savings from 2011-2014 Framework			115%									
TOTAL Conservation First (CDM Plan Forecast) 2% 48%			82%	52%								
OTAL Cons	ervation First (Target and Budget Allocation)											
OTAL CORS	ervation First (Target and Budget Anocation)			82%	52%							
aductrial A	ccelerator	5 0/	27%	220/	270/							
Industrial Accelerator 5%				32%	27%							



Program Participation & Cost Report IESO Value Added Services Costs and Centrally Delivered Costs

Alectra Utilities Corporation

Unless otherwise stated, all values are unverified

Year end adjustments for invalid coupons that didn't align with retailer sales data are done in the Decembers IESO reporting period.

*The IESO adjusted values reported as Value Added Services Unverified Adjustments from Previous Years to discount savings reported as verified savings from previous years.

done in the Decembers IESO reporting period.			Measures Installed	Net Incremental Energy Savings (kWh)	E	ninistrative Expenses Variable)	Participant Incentives	Add	otal Value led Services Spending
	Coupon Total	Measures	38,087,165	1,035,550,189	\$	10,575,058	\$ 101,323,731	\$	111,898,788
Provincial	Instant Discount Program to Date Total	Measures	31,123,156	629,597,669	\$	2,242,531	\$ 53,796,834	\$	56,039,366
Value Added Services Actuals	Heating and Cooling Program to Date Total	Equipment	212,703	129,777,545	\$	2,403,050	\$ 99,195,550	\$	101,598,600
for the period	Smart Thermostat Program to Date Total	Equipment	21,095	6,195,178	\$	79,405	\$ 794,050	\$	873,455
	LDC Value Added Services Provincial Total			1,801,120,581	\$	15,300,044	\$ 255,110,165	\$	270,410,209
	Coupon Total	Measures	7,264,096	193,848,242	\$	2,207,309	\$ 19,481,929	\$	21,689,238
LDC	Instant Discount Program to Date Total	Measures	6,200,861	125,083,950	\$	445,931	\$ 10,685,212	\$	11,131,144
Value Added Services Actuals	Heating and Cooling Program to Date Total	Equipment	77,976	47,352,892	\$	947,609	\$ 25,199,100	\$	26,146,709
for the period	Smart Thermostat Pilot Program to Date Total	Equipment	3,387	1,321,269	\$	16,935	\$ 169,350	\$	186,285
	LDC Value Added Services LDC Total			367,606,353	\$	3,617,784	\$ 55,535,592	\$	59,153,376
							Ī		
	CFF Labour				\$	2,041,298		\$	2,041,298
	Technical Services (to include tech reviewer)				\$	36,364,605		\$	36,364,605
	IESO Infrastructure (IS, IT, CRM, Call Centre)				\$	6,729,087		\$	6,729,087
Provincial Centrally	LDC Innovation Fund (Not including Whole Home)				\$	13,087,154		\$	13,087,154
Delivered Actuals for the	Collaboration Fund				\$	4,604,611		\$	4,604,611
period	Capability Building, National Accounts & Energy Managers				\$	4,774,004		\$	4,774,004
	Province Wide Marketing & Market Research				\$	35,652,336		\$	35,652,336
	LDC Performance Incentives (MTI/ATI/ETI)				\$	68,036,082		\$	68,036,082
	Centrally Delivered Programs Total		161,778.2	12,529,974	\$	23,606,155	\$ 4,313,506	\$	27,919,661
	Centrally Delivered Provincial Total				\$	194,895,330	\$ 4,313,506	\$	199,208,837



Program Participation & Cost Report Save on Energy Retrofit Program - Multi-Site Applications

Alectra Utilities Corporation

As of: 15-Apr-19

Program

Provincial Save on Energy Retrofit Program - PAP

the Period Multi-Site Applications*

LDC Actuals for the Period Save on Energy Retrofit Program - PAP

Multi-Site Applications*

2015 Year to Date	2016 Year to Date	2017 Unverified Year to Date	2018 Unverified Year to Date	2019 Year to Date	Program to Date	
kWh	kWh	kWh	kWh	kWh	kWh	
107,017,005	559,470,858	172,219,371	413,623,628	6,193,160	1,258,524,022	
4,648,624	69,981,669	66,375,569	22,486,857	45,545	163,538,263	
	146,427	10,844,870	20,824,272	620,578	32,436,147	
24,208,116	111,985,971	31,236,754	39,482,152	356,522	207,269,515	
4,648,624	69,981,669	66,375,569	22,486,857	45,545	163,538,263	
28,856,740	59,981	647,604	1,830,938		31,395,263	

2015 Year to Date	2016 Year to Date	2017 Unverified Year to Date kWh	2018 Unverified Year to Date kWh	2019 Year to Date	Program to Date kWh	ting to 2020) >
105,825,051	548,172,601	171,367,728	411,578,602	6,193,160	1,243,137,141	(Persisiting
4,470,196	69,692,919	66,047,335	22,375,657	45,545	162,631,652	Savings (1
	145,703	10,791,241	20,721,294	620,578	32,278,816	y Sav
23,898,778	109,586,023	31,082,285	39,286,908	356,522	204,210,516	Energy :
4,470,196	69,692,919	66,047,335	22,375,657	45,545	162,631,652	
	59,685	644,401	1,821,884		2,525,970	

A By Month

*Only contains UNVERIFIED data. For MSA in final verified results please request



a complete project list by emailing LDC.Support@ieso.ca

Program Participation & Cost Report Methodology

All results are at the end-user level (not including transmission and distribution losses).

Forecasting

Forecasting is a linear formulae used to predict savings and spending. Savings are based on a 72 month period, spending is based on a 60 month period because of the legacy extension year.

Savings and spending are calculated the same aside from the ratio used for the denominator to determine how many more months should be projected forewords (\$ uses 60 months, kWh uses 72 months as described above).

Forecasting is calculated as follows:

Pipeline: For Retrofit the pipeline data is based on projects not already submitted.

Pre stage application status' are discounted based on created year. If todays date less the creation data is 3 years or older, the discount rate is a random number between 99% - 100%, 2 years 92% - 100%, 1 year 70% - 100%

Discount rates were established based on an analysis conducted by the IESO including all province wide Retrofit data spanning from 2014 onward.

Retrofit Post stage applications and PSUI applications are not discounted at all.

Instant Discounts is projected forward based on 2018 results but discounted by half, then added back into the forecast.

Instant Discounts savings are expected to be reduced by half as there is only 1 event a year projected for Instant Discounts as appose to 2 that was in 2018.

Coupons Program is removed from future projections as the program is discontinued. It is then added back into the forecast similar to PSUI.

Savings Calculations

Project Type	Equation

1	Prescriptive Measures and Projects Programs	Gross Reported Savings = Activity * Per Unit Assumption Savings Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Saving = Gross Reported Savings * Neto-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
2	Engineered and Custom Projects / Programs	Gross Reported Savings = Reported Savings * Realization Rate Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Savings = Gross Reported Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
3		All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the annual effect of energy savings.

2011-2014+2015 Extension Legacy Framework Initiatives

#	Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings	Project Count
1	saveONenergy Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.		
2	saveONenergy Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the event occurs.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied	
3	saveONenergy Appliance Retirement	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	Savings are considered to begin in the year the appliance is picked up.	by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.	
4	saveONenergy HVAC Incentives	Results directly attributed to LDC based on customer applications and postal code.	Savings are considered to begin in the year that the installation occurred.		
5	saveONenergy Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system.	Savings are considered to begin in the year of the project completion date.		
6	saveONenergy Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with DRM resulted (1.6 no many light fulls were actually installed savings to remark place that were actually installed sav what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).	
7	saveONenergy Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the ICon system. Projects in the Application Status: "Pool-Stape Submission" are included (excluding "Payment denied by LDC"). Please see page for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date in the ICON system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with PEAV protocols and reflect the savings that were actually realized (i.e. how many light bulls were actually installed so, what was reported (gross). Het savings bless into systems of the control of the savings and the savings and saving saving savings are savings and control of the savings and depend on the mix of projects within an LDC territory (i.e. ingiting or on-olighing project, engineered/usstom/prescriptive track).	Based on project completion date. Count is based of the unit of measurement some baside the program name. Eg Retroft is the count of Projects.
		Additional Note: project counts were derived by filtering or Project Completion Date" in 2014)	ut invalid statuses (e.g. Post-Project Submission - Payment o	Jenied by LDC) and only including projects with an "Actual	
9	saveONenergy Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual oroiset completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually renized (i.e. how arreported). So were assumed to the control of the arreported to the control of the control of the proper services and the report of the control of the peak demand and energy savings at the program level (net).	
1	saveONenergy New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	project compression date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how	
1	saveONenergy Existing Building Commissioning Incentive			many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).	
1	saveONenergy Process & System Upgrades		Savings are considered to begin in the year in which the	Peak demand and energy savings are determined by the	
1	saveONenergy Monitoring & Targeting	Results are directly attributed to LDC based on LDC	incentive project was completed.	total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and	
1	saveONenergy Energy Manager	identified in application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to- gross factors such as free-ridership and spillover (net).	
1	saveONenergy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net- to-gross factors such as free-ridership and spillover (net)	
1	Aboriginal Conservation Program			at the measure level.	



2015-2020 Conservation First Framework Programs

#	Program	Attributing Savings to LDCs	Savings 'Start' Date	Calculating Resource Savings	Project Count
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.		
2	Save on Energy Heating and Cooling Program	Results directly attributed to LDC based on customer applications and postal code. LDCs may see additional participation, savings and spending relative to the March 2016 Value Added Services Report due to previously unassigned applications completed in 2015. Adjustments for breflect final 2015 verified participation will appear in your July 2016 Value Added Services Report to be issued on August 15, 2016	Savings are considered to begin in the year that the installation occurred.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account next-orgous factors such as thee-riddership and spillover (net) at the measure level.	
3	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in CDM LDC Report Template.	Savings are considered to begin in the year of the project completion date.		
4	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.		
5	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with DRMV protocols and reflect the savings that were actually resized (i.e. how many light bulbs were actually installed account net-to-gross factors such as free-ridership and spillover (net).	Based on project completion date. Count is the number of line items (rows) that are entered into the "Program Activity Information" tab in the LDC Report Template.
6	Save on Energy Retroft Program	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRN; Projects in the Application Status: "Post-Stage Submission" are included (evoluting "Payment denied by LDC"); Please see page for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date as reported in the CDM LDC Report Template	Peak demand and energy savings are determined by the total savings for a given project as reported in the CON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with PEAV protocols and order the savings that were actually realized (i.e. how many light bubs were actually installed is, what was approved (gloss). He savings takes into account net-to-groups feators soft as fine-releasily and account net-to-groups feators soft as fine-releasily and calculated the savings and depend on the mix of projects within an LDC territory (i.e. engineered/usstom/prescriptive track).	
7	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual	hask demand and energy savings are betermined using the worlder measure beet per unit saxingtions multiplied by the uptake of each measure accounting for the emilitation rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bubbs were actually installed i.e. how many light bubbs were actually installed i.e. what was reported) (gross). Net savings take into account net-to- gross factors such as free-directly in applicave for both peak demand and energy savings at the program level (net).	
-	Save on Energy High Performance New Construction Program Save on Energy	Results are directly attributed to LDC based on LDC identified in the application.	project completion date. Count is based off the actual completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM LDC Report Template. Preliminary unvertiled net savings are calculated by multiplying reported savings by 2014 Net to-gross ratios and realization rates.	Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.
9	Existing Building Commissioning Program Save on Energy				Based on project completion date. Count is the number
10	Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	Savings are considered to begin in the year in which the project was in-service.		of line items (rows) that are entered into the "Program Activity Information"
11	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011, 2012 or 2013.	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMSV protocols and reflect the savings that were actually realized (i.e. how	tab in the LDC Report Template.
12	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to- gross factors such as free-ridership and spillover (net).	Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.
13	Business Refrigeration Incentive Program		Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually related (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take indo account net-bo- gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).	Based on project completion date. Count is the number
14	Social Benchmarking Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the report was sent.	Peak demand and energy savings are determined using the verified measure level (home) per unit assumption multiplied by the uptake in the market (gross) laking into account net-to-gross factors such as free-ridenship and spillover (net) at the measure level (home).	of line items (rows) that are entered into the "Program
15	First Nations Conservation Program		Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into accura- nct-to-gross factors such as free-ridership and spillover (net) at the measure level.	

IESO Value Added Services Costs

- 1) IESO Value Added Services Costs are based on activity reported as of March 31, 2016.
- 1) IESO Value Added Services Costs are based on activity reported as or March 31, 2016.

 2) Save on Energy Heating & Cooling Program activity may be greater than the March 2016 IESO Value Added Services Report due to previously unassigned applications being assigned to LDCs through the Evaluation, Measurement & Verification Process based on updated applications. These additional applications and costs will be reflected in the July 2016 IESO Value Added Services Report.

 3) Future years may include adjustments to prior years based on delays of Value-Added Service report submissions to IESO from IESO Value-Added Services providers.

 4) IESO Value Added Services costs are calculated based on the prevailing IESO Value Added Services Rates as per the applicable IESO Central Services Strategy and Rate Guideline.

Final 2015 Annual Verified Results Report June 30, 2016 Page 14 of 20 Methodology



Program Participation & Cost Report Consumer Program Allocation Methodology

Year	Local Distribution Company	Allocation
2016 03 31 - Current	Algoma Power Inc.	0.1820%
2016 03 31 - Current	Atikokan Hydro Inc.	0.0229%
2016 03 31 - Current	Attawapiskat Power Corporation	0.0149%
2016 03 31 - Current	Bluewater Power Distribution Corporation	0.6152%
2016 03 31 - Current	Brantford Power Inc.	0.6715%
2016 03 31 - Current	Burlington Hydro Inc.	1.3392%
2016 03 31 - Current	Canadian Niagara Power Inc.	0.3472%
2016 03 31 - Current	Centre Wellington Hydro Ltd.	0.1058%
2016 03 31 - Current	Chapleau Public Utilities Corporation	0.0282%
2016 03 31 - Current	COLLUS PowerStream Corp.	0.2546%
2016 03 31 - Current	Cooperative Hydro Embrun Inc.	0.0563%
2016 03 31 - Current	E.L.K. Energy Inc.	0.2455%
2016 03 31 - Current	Energy+ Inc.	1.1217%
2016 03 31 - Current	Enersource Hydro Mississauga Inc.	4.6424%
2016 03 31 - Current	Entegrus Powerlines Inc.	0.7018%
2016 03 31 - Current	EnWin Utilities Ltd.	1.4909%
2016 03 31 - Current	Erie Thames Powerlines Corporation	0.3197%
2016 03 31 - Current	Espanola Regional Hydro Distribution Corporation	0.0637%
2016 03 31 - Current	Essex Powerlines Corporation	0.6061%
2016 03 31 - Current	Festival Hydro Inc.	0.3248%
2016 03 31 - Current	Fort Albany Power Corporation	0.0099%
2016 03 31 - Current	Fort Frances Power Corporation	0.0900%
2016 03 31 - Current	Greater Sudbury Hydro Inc.	0.7993%
2016 03 31 - Current	Grimsby Power Incorporated	0.1813%
2016 03 31 - Current	Guelph Hydro Electric Systems Inc.	0.8531%
2016 03 31 - Current	Halton Hills Hydro Inc.	0.5897%
2016 03 31 - Current	Hearst Power Distribution Company Limited	0.0510%
2016 03 31 - Current	Horizon Utilities Corporation	3.7200%
2016 03 31 - Current	Hydro 2000 Inc.	0.0394%
2016 03 31 - Current	Hydro Hawkesbury Inc.	0.1467%
2016 03 31 - Current	Hydro One Brampton Networks Inc.	3.5920%
2016 03 31 - Current	Hydro One Networks Inc.	27.2865%
2016 03 31 - Current	Hydro Ottawa Limited	6.6052%
2016 03 31 - Current	InnPower Corporation	0.3309%
2016 03 31 - Current	Kashechewan Power Corporation	0.0177%
2016 03 31 - Current	Kenora Hydro Electric Corporation Ltd.	0.0896%
2016 03 31 - Current	Kingston Hydro Corporation	0.2939%
2016 03 31 - Current	Kitchener-Wilmot Hydro Inc.	1.5077%
2016 03 31 - Current	Lakefront Utilities Inc.	0.1128%
2016 03 31 - Current	Lakeland Power Distribution Ltd.	0.2288%
2016 03 31 - Current	London Hydro Inc.	2.6114%
2016 03 31 - Current	Midland Power Utility Corporation	0.1014%
2016 03 31 - Current	Milton Hydro Distribution Inc.	0.6579%
2016 03 31 - Current	Newmarket-Tay Power Distribution Ltd.	0.5977%
2016 03 31 - Current	Niagara Peninsula Energy Inc.	0.8158%
2016 03 31 - Current	Niagara-on-the-Lake Hydro Inc.	0.1304%



	T	
2016 03 31 - Current	North Bay Hydro Distribution Limited	0.4153%
2016 03 31 - Current	Northern Ontario Wires Inc.	0.0860%
2016 03 31 - Current	Oakville Hydro Electricity Distribution Inc.	1.5097%
2016 03 31 - Current	Orangeville Hydro Limited	0.2004%
2016 03 31 - Current	Orillia Power Distribution Corporation	0.2220%
2016 03 31 - Current	Oshawa PUC Networks Inc.	1.4845%
2016 03 31 - Current	Ottawa River Power Corporation	0.1225%
2016 03 31 - Current	Peterborough Distribution Incorporated	0.4607%
2016 03 31 - Current	PowerStream Inc.	7.8184%
2016 03 31 - Current	PUC Distribution Inc.	0.6545%
2016 03 31 - Current	Renfrew Hydro Inc.	0.0477%
2016 03 31 - Current	Rideau St. Lawrence Distribution Inc.	0.0670%
2016 03 31 - Current	Sioux Lookout Hydro Inc.	0.0776%
2016 03 31 - Current	St. Thomas Energy Inc.	0.2780%
2016 03 31 - Current	Thunder Bay Hydro Electricity Distribution Inc.	0.8172%
2016 03 31 - Current	Tillsonburg Hydro Inc.	0.1169%
2016 03 31 - Current	Toronto Hydro-Electric System Limited	15.5698%
2016 03 31 - Current	Veridian Connections Inc.	2.3879%
2016 03 31 - Current	Wasaga Distribution Inc.	0.1754%
2016 03 31 - Current	Waterloo North Hydro Inc.	0.9590%
2016 03 31 - Current	Welland Hydro-Electric System Corp.	0.3103%
2016 03 31 - Current	Wellington North Power Inc.	0.0570%
2016 03 31 - Current	West Coast Huron Energy Inc.	0.0585%
2016 03 31 - Current		0.3654%
2016 03 31 - Current	Whitby Hydro Electric Corporation	1.1240%
2011 - 2016 03 31	Algoma Power Inc.	0.2207%
2011 - 2016 03 31	Atikokan Hydro Inc.	0.0265%
2011 - 2016 03 31	Attawapiskat Power Corporation	0.0255%
2011 - 2016 03 31	Bluewater Power Distribution Corporation	0.6460%
2011 - 2016 03 31	Brant County Power Inc.	0.1979%
2011 - 2016 03 31	Brantford Power Inc.	0.7255%
2011 - 2016 03 31	Burlington Hydro Inc.	1.3757%
2011 - 2016 03 31	Cambridge and North Dumfries Hydro Inc.	0.9578%
2011 - 2016 03 31	Canadian Niagara Power Inc.	0.5110%
2011 - 2016 03 31	Centre Wellington Hydro Ltd.	0.1129%
2011 - 2016 03 31	Chapleau Public Utilities Corporation	0.0379%
2011 - 2016 03 31	COLLUS PowerStream Corp.	0.2858%
2011 - 2016 03 31	Cooperative Hydro Embrun Inc.	0.0494%
2011 - 2016 03 31	E.L.K. Energy Inc.	0.2270%
2011 - 2016 03 31	Enersource Hydro Mississauga Inc.	3.9265%
2011 - 2016 03 31	Entegrus Powerlines Inc.	0.7226%
2011 - 2016 03 31	EnWin Utilities Ltd.	1.5542%
2011 - 2016 03 31	Erie Thames Powerlines Corporation	0.3535%
2011 - 2016 03 31	Espanola Regional Hydro Distribution Corporation	0.0821%
2011 - 2016 03 31	Essex Powerlines Corporation	0.6539%
2011 - 2016 03 31	Festival Hydro Inc.	0.3498%
2011 - 2016 03 31	Fort Albany Power Corporation	0.0212%
2011 - 2016 03 31	· · · · · · · · · · · · · · · · · · ·	0.0212%
	Fort Frances Power Corporation Greater Sudbury Hydro Inc.	
2011 - 2016 03 31	Greater Sudbury Hydro Inc.	1.0276%
2011 - 2016 03 31	Grimsby Power Incorporated	0.2279%
2011 - 2016 03 31	Guelph Hydro Electric Systems Inc.	0.8983%
2011 - 2016 03 31	Haldimand County Hydro Inc.	0.4244%
2011 - 2016 03 31	Halton Hills Hydro Inc.	0.5475%



2011 - 2016 03 31	Hearst Power Distribution Company Limited	0.0667%
2011 - 2016 03 31	Horizon Utilities Corporation	4.0429%
2011 - 2016 03 31	Hydro 2000 Inc.	0.0390%
2011 - 2016 03 31	Hydro Hawkesbury Inc.	0.1394%
2011 - 2016 03 31	Hydro One Brampton Networks Inc.	2.8180%
2011 - 2016 03 31	Hydro One Networks Inc.	29.9788%
2011 - 2016 03 31	Hydro Ottawa Limited	5.5954%
2011 - 2016 03 31	InnPower Corporation	0.3951%
2011 - 2016 03 31	Kashechewan Power Corporation	0.0286%
2011 - 2016 03 31	Kenora Hydro Electric Corporation Ltd.	0.0989%
2011 - 2016 03 31	Kingston Hydro Corporation	0.5014%
2011 - 2016 03 31	Kitchener-Wilmot Hydro Inc.	1.6310%
2011 - 2016 03 31	Lakefront Utilities Inc.	0.1907%
2011 - 2016 03 31	Lakeland Power Distribution Ltd.	0.2906%
2011 - 2016 03 31	London Hydro Inc.	2.7308%
2011 - 2016 03 31	Midland Power Utility Corporation	0.1196%
2011 - 2016 03 31	Milton Hydro Distribution Inc.	0.5695%
2011 - 2016 03 31	Newmarket-Tay Power Distribution Ltd.	0.6607%
2011 - 2016 03 31	Niagara Peninsula Energy Inc.	0.9945%
2011 - 2016 03 31	Niagara-on-the-Lake Hydro Inc.	0.1586%
2011 - 2016 03 31	Norfolk Power Distribution Inc.	0.3495%
2011 - 2016 03 31	North Bay Hydro Distribution Limited	0.5333%
2011 - 2016 03 31	Northern Ontario Wires Inc.	0.1061%
2011 - 2016 03 31	Oakville Hydro Electricity Distribution Inc.	1.4632%
2011 - 2016 03 31	Orangeville Hydro Limited	0.2120%
2011 - 2016 03 31	Orillia Power Distribution Corporation	0.2722%
2011 - 2016 03 31	Oshawa PUC Networks Inc.	1.2283%
2011 - 2016 03 31	Ottawa River Power Corporation	0.1974%
2011 - 2016 03 31	Peterborough Distribution Incorporated	0.7132%
2011 - 2016 03 31	PowerStream Inc.	6.6383%
2011 - 2016 03 31	PUC Distribution Inc.	0.8687%
2011 - 2016 03 31	Renfrew Hydro Inc.	0.0775%
2011 - 2016 03 31	Rideau St. Lawrence Distribution Inc.	0.1120%
2011 - 2016 03 31	Sioux Lookout Hydro Inc.	0.0841%
2011 - 2016 03 31	St. Thomas Energy Inc.	0.2939%
2011 - 2016 03 31	Thunder Bay Hydro Electricity Distribution Inc.	0.8738%
2011 - 2016 03 31	Tillsonburg Hydro Inc.	0.1280%
2011 - 2016 03 31	Toronto Hydro-Electric System Limited	12.7979%
2011 - 2016 03 31	Veridian Connections Inc.	2.3525%
2011 - 2016 03 31	Wasaga Distribution Inc.	0.1799%
2011 - 2016 03 31	Waterloo North Hydro Inc.	1.0019%
2011 - 2016 03 31	Welland Hydro-Electric System Corp.	0.3879%
2011 - 2016 03 31	Wellington North Power Inc.	0.0632%
2011 - 2016 03 31	West Coast Huron Energy Inc.	0.0653%
2011 - 2016 03 31	Westario Power Inc.	0.5411%
2011 - 2016 03 31	Whitby Hydro Electric Corporation	0.8651%
2011 - 2016 03 31	Woodstock Hydro Services Inc.	0.2548%

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009



Program Participation & Cost Report Glossary

#	Term	Definition
	2011-2014+2015 Extension Legacy Framework Programs	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
7	2015-2020 Conservation First Framework Programs	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
	3 Allocated Target	Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
!	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
(Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
	7 Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
:	Pilot Program	A program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget.
,	9 Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
1	0 Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework.
	1 Activity	The number of projects.



12	Unit	For a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).
13	Forecast	LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools.
14	Actual	The IESO determined final results of activity, savings, expenditures and cost effectiveness.
15	Progress	A comparison of Actuals versus Forecasts.
16	Full Cost Recovery Progress	For a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement.
17	Reported Savings	Savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
18	Verified Savings	Savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate.
19	Gross Savings	Savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams.
20	Net Savings	The peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc.
21	Realization Rate	A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.
22	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover.
23	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.



24	Spillover	Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.
25	Incremental Savings	The new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.
26	First Year Savings	The peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity).
27	Annual Savings	The peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
28	Demand Savings	Demand savings attributable to conservation and demand management activities.
29	Energy Savings	Energy savings attributable to conservation and demand management activities.
30	Administrative Expenses	Costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services.
31	Participant Incentives	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
32	Total Expenditure	The sum of Administrative Expenses and Participant Incentives
33	Total Resource Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs.
34	Program Administrator Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant.
35	Levelized Unit Energy Cost Cost Effectiveness Test	A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced.



EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 41

ATTACHMENT 41 PARTICIPATION AND COST REPORTS GUELPH

Program Participation & Cost Report

Message from the IESO Reporting Team

The IESO is pleased to provide LDCs with the Monthly Program Participation & Cost Report.

This report is generally posted on the IESO LDC Extranet by the Friday of the week following the 15th of each month. The report provides province-wide and LDC specific program participation and costs to the extent known based on information received by the IESO from all distribution companies and IESO Value Added Service Provider.

The Monthly Program Participation & Cost Report includes preliminary, unverified results based on information received by the IESO. Upon verification of project information through the IESO Evaluation, Measurement and Verification (EM&V) process, results will be reported as 'verified'. Performance against CDM Plan information is also available in this report and is based on the LDC's approved CDM Plan as at the end of the reporting period. Where two or more LDCs have submitted a joint CDM Plan, the IESO will provide a Monthly Program Participation & Cost Report for each LDC included in the CDM Plan.

The IESO strives to improve on the current reporting processes to provide meaningful and timely information to LDCs. Your feedback is encouraged and appreciated. Should you have any feedback, questions or comments on this report please contact us at LDC.Support@ieso.ca.



Program Participation & Cost Report Table of Contents

#	Worksheet Name	Worksheet Description
#	worksneet Name	worksneet Description

1	Cover Letter	Provides an overview of the IESO Value Added Services Report.
2	How to Use This Report	Describes the contents and structure of this report.
3	LDC Summary	A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the LDC's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) Annual savings and spending; 4) Annual LDC CDM Plan spending progress; 5) Graphs describing: a) Contribution to 2020 Target Achievement by program; b) Program to Date LDC CDM Plan Budget Spending by Sector; c) Annual energy savings persistence to 2020 by year; d) Allocated Target achievement progress relative to other LDCs; and e) LDC CDM Plan Budget Spending progress relative to other LDCs.
4	LDC Progress	A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
5	Province-Wide Summary	A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the Province's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) Savings and Spending 2015-2020 Forecasts; 2) Centrally Delivered Spending and Budget 3) LDCs who are forecasted to be over 2015-2020 allocated budget
6	Province-Wide Progress	A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
7	IESO VAS and CD Costs	Insight into the spending and savings of Centrally Delivered Programs and non-program related items.
8	Retrofit Multi-Site Applications	Provision of the LDCs and the Province-Wide aggregated Multi-Site Application activity and costs for each year of the Save on Energy Retrofit Program.
9	Methodology	Description of the methods used to calculate energy savings, financial results and cost-effectiveness.
10	Reference Tables	Consumer Program Province-Wide results allocation to specific LDCs.
11	Glossary	Definitions for the terms used throughout this report.



Program Participation & Cost Report How to Use This Report

The IESO is pleased to provide you with the Monthly Participation and Cost Report.

This report provides:

- 1) program participation;
- 1) electricity savings; and
- 2) costs

to the extent known based on information received by the IESO in accordance with Section 9.2(c)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail:

- 1) program participation results including:
 - a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);
- 2) program savings results including:
 - a) net 2020 annual energy savings;
 - b) allocated target, target achievement and progress towards target;
 - c) incremental net first year energy savings;

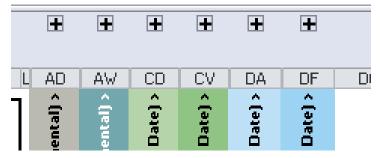
and where available reported by: i) forecasts; ii) unverified and verified actuals; and iii) progress (forecast vs actuals);

- 3) program spending including:
 - a) participation incentive spending;
 - b) administrative expense spending (including IESO value-added services costs);
 - c) aggregated total spending;

and for each cost: i) forecasts; ii) unverified and verified actuals; and iii) progress (forecast vs actuals);

by both the LDC specific level and the province-wide aggregated level.

This report's format is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the results categories listed above have been grouped together for easy accessibility.



Please note:

- 1) Cost Effectiveness Test (CET) results including:
 - a) total resource cost test;
 - b) program administration cost test;
 - c) levelized unit energy cost test;

will not be available for the 2015 program year in this report but will be provided to LDCs once available.

 forecasts of: a) activity; b) savings; and c) spending; included in this report are based on LDC submitted and IESO approved CDM Plan - Cost Effectiveness Tools as of the end of the reporting nonth.

(from the i) Program Design; ii) Budget Inputs; iii) Savings Results; and iv) CE Results; worksheets); Please note that this does not contain data for Legacy Framework program spending or CFF pilot program activity, savings, spending or cost effectiveness.

- 3) Annual FCR Progress only includes Full Cost Recovery funded program savings. In future reports, any Pay-for-Performance funded programs will be reported as a separate line item.
- 4) The complete list of programs and pilots launched into market in 2015 has been included, however no programs and pilots were in market for a sufficient period of time to enable a valid EM&V process. Therefore these programs and pilots have nothing to report at this time and have cells greyed out rather than reporting zero savings or spending. Any results in 2015 will be determined in a subsequent EM&V process and will be included in a future year's Annual Verified Results Report as a 2015 adjustment;
- 5) Pilot program savings are attributed to the LDC where the pilot program project is located in; and
- 6) This Monthly Participation and Cost Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;



Program Participation & Cost Report Summary

Guelph Hydro I	Electric Systems Inc.
As of:	15-Apr-19

CFF Target (kWh): 99,040,004 CFF Budget: \$23,679,849

Paid Pre-Funding

Allocated

99,035,079

\$24,920,625

Summary of Performance Metrics

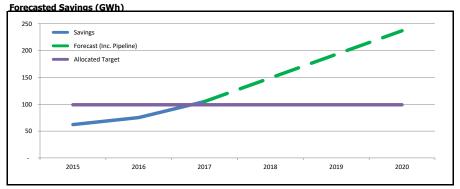
	019 CDM Results	2019 CDM Plan %	(6-year CDM Results	6-year CDM Plan %	6-year Allocate %
Net Energy Savings (kWh) as at 2020	271,427	2%		124,608,267	125.8%	125.8%
Total Actual Spending (\$)	\$ 552,796	12%	\$	11,606,262	49.0%	46.6%
Cost-effectiveness: Total Resource Cost Test (Ratio)	2.38			3.05		
Cost-effectiveness: Program Administrator Cost Test (Ratio)	3.41			10.19		
Cost-effectiveness: Levelized Unit Electricity Cost (\$/kWh)	0.02			0.01		

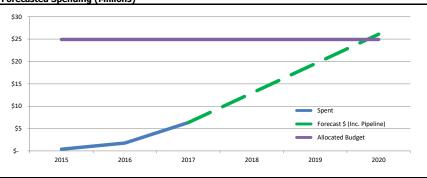
LDC Ranking in the Province out of 67 Total % of 6-year Allocated Budget Spent Total % of 6vear Allocated Target 45 42 This Month:

MTI Calculated Payout: 2015-17 kWh & MTI Rate: 990,351 102,233,072 Paid MTI Amount:

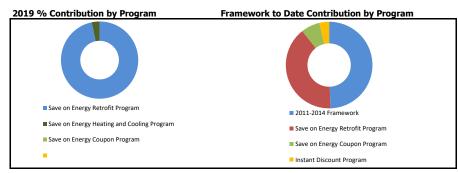
0.1 cents/kWh 990,351

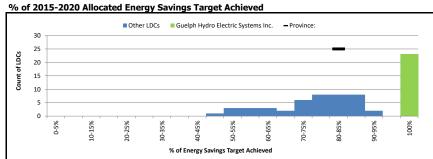
Forecasted Spending (Millions)



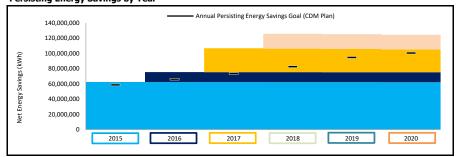




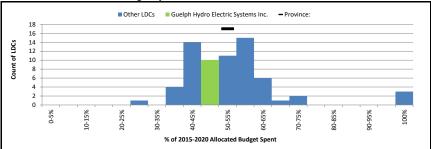




Persisting Energy Savings by Year









Guelph H	lydro Electric Systems Inc.	2019 CDM I	Plan Forecast	6-year CDM Plan Forecast			
As of:	15-Apr-19	% kWh Target	% Budget Spent	% kWh Target	% Budge Spent		
	Program						
	Save on Energy Coupon Program	0%	11%	117%	83%		
	Save on Energy Heating and Cooling Program	2%	29%	100%	86%		
	Save on Energy Home Assistance Program	0%	0%	28%	33%		
Residential (Province-	Save on Energy Instant Discount Program						
Wide)	Save on Energy New Construction Program	0%	5%	3%	32%		
,	Save on Energy Smart Thermostat Program						
	Save on Energy Whole Home Program	0%	0%	8%	0%		
	Residential Programs Total	0%	22%	121%	86%		
	Save on Energy Audit Funding Program	0%	2%	0%	39%		
	Save on Energy Retrofit Program	13%	16%	305%	45%		
	Save on Energy Retrofit Program - P4P						
	Save on Energy Retrofit Program Enabled Savings						
	Save on Energy Small Business Lighting Program	0%	42%	106%	110%		
	Save on Energy Business Refrigeration Program	0%	3%	0%	8%		
Non-	Save on Energy Energy Performance Program						
Residential	Save on Energy Existing Building Commissioning Program	0%	66214%	0%	6969199		
(Province-	Save on Energy High Performance New Construction Program	0%	3%	56%	53%		
Wide)	Save on Energy High Performance New Construction Program Enabled Savings						
	Save on Energy Process & Systems Upgrades Program	0%	0%	0%	15%		
	Save on Energy Process & Systems Upgrades Program - P4P						
	Save on Energy Process & Systems Upgrades Program Enabled Savings						
	Save on Energy Energy Manager Program	0%	212907%	174%	1085570		
	Save on Energy Monitoring & Targeting Program	0%	9%	0%	60%		
	Non-Residential Programs Total	3%	10%	205%	42%		
LOCAL LDC	Local LDC Programs Total						
LDC Innovation	LDC Innovation Pilots Total						
arget Gap							
Non-Approve	ed Program	Ħ					
Jnassigned P	Program						
nergy Savin	gs from 2011-2014 Framework			103%			
OTAL Conse	ervation First (CDM Plan Forecast)	2%	12%	126%	49%		



Count (Incremental)							A By Month		Energy Savings (Incremental)	Energy Savings (Persisiting to 2020)	
	YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date	2019 Unverified Year to Date	Program to Date		,	2019
	% Total		kWh	kWh	kWh	kWh	kWh	kWh			Incentive Budget
	0%	7%	818,697	4,147,777	4,202,261			9,168,735	1		\$ 183,489
	3%	3%	276,373	1,342,910	1,054,064	559,079	8,820	3,241,246			\$ 632,408
	0%	0%			145,140	•		145,140			-
	0%	4%			3,777,549	1,619,123		5,396,672			-
	0%	0%	30,500					30,500			\$ 133,209
	0%	0%			28,867	155,650		184,517			\$ 50,000
	0%	0%			120,265			120,265			-
	3%	14%	1,125,570	5,490,687	9,328,146	2,333,852	8,820	18,287,075			\$ 999,105
	0%	0%									\$ 50,000
	97%	37%	1,631,658	7,236,281	21,431,341	16,788,509	262,607	47,350,396			\$ 850,000
	0%	0%	·								-
	0%	0%	155,466					155,466			-
	0%	0%				408,576		408,576			\$ 81,112
	0%	0%									\$ 45,572
	0%	0%			577,329			577,329			-
	0%	0%									-
	0%	0%	125,896	342,665	72,721			541,282			\$ 32,993
	0%	0%									-
	0%	0%									\$ 95,000
	0%	0%									-
	0%	0%									-
	0%	0%		835	6,141			6,976			-
	0%	0%									\$ 20,000
	97%	39%	1,913,020	7,579,781	22,087,532	17,197,085	262,607	49,040,024			\$ 1,174,677
	0%	0%									-
	0%	0%		708				708			-
											\$ -
				_							\$ -
	0%	47%	59,318,783					59,318,783			
				-							
	100%	100%	62,357,373	13,071,176	31,415,678	19,530,936	271,427	126,646,591			\$ 2,173,783



	^ By Month	^ By Month								Spending (Year to Date)	Spending (Program to Date)	Cost Effectiveness (Year to Date)	Cost Effectiveness (Prorgram to Date)
	9 Year to Date entive Actual		2019 Admin Budget	20	019 Year to Date Admin Actual		2019 Total Budget	2	019 Year to Date Total Actual				
Inc	entive Actual	\$	133,540	\$	23,790	\$	217,219	\$	23,790				
\$	100,150	\$	66,321	\$	19,225	\$	416,250	\$	119,375				
T	-		-		-	\$	109,284	_	-				
\$	20,130		-	\$	843		-	\$	20,973				
	-	\$	44,000	\$	4,286	\$	93,162	\$	4,286				
\$	12,550	\$	31,930	\$	1,255		-	\$	13,805				
	-		-		-	\$	(1)		-				
\$	132,830	\$	275,791	\$	49,400	\$	835,915	\$	182,230				
	-	\$	68,500	\$	1,686	\$	111,300	\$	1,686				
\$	210,491	\$	660,000	\$	106,785	\$	1,946,069	\$	317,276				
	-		-		-		-		-				
	-		-		-		-		-				
\$	25,514	\$	275,830	\$	6,544	\$	77,223	\$	32,057				
	-	\$	33,000	\$	3,169	\$	106,572	\$	3,169				
-	-		-		-	-	-		-				
	-		<u> </u>	\$	662	\$	1	\$	662				
-	-	\$	34,500	\$	1,994	\$	78,204	\$	1,994				
	-	\$		\$	- 7.570	\$		_					
	-	\$	60,000	\$	7,570 -	\$	1,533,453	\$	7,570				
					-		-		-				
	-	\$	350,000	\$	2,129	\$	1	\$	2,129				
	=	\$	29,000		4,022	\$	47,000	\$	4,022				
\$	236,005	\$	1,510,830	\$	134,561	\$	3,899,823	\$	370,567				
	-		-		-		-		-				
	_		-	İ	-		-		-				
	-		•		<u>-</u>		-		•				
-		_				\$	-						
	-	\$	-		-	\$	(2)		-				
		\$	-			\$	297,791						
						_							
\$	368,835	\$	1,786,621	\$	183,961	\$	4,735,735	\$	552,796				



Province Wide Dashboard High Level Summary

as of: 15-Apr-19

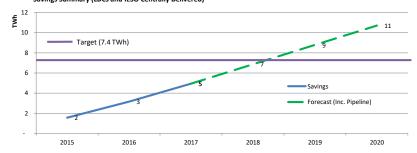
LDCs and IESO Centrally Delivered

6.06 TWh achieved to date. 82% of allocated target and 16% ahead of CDM plans. \$1268.1 million spent to date. 52% of allocated budget and 19% behind CDM plans.

IAF

0.42 TWh achieved to date. 32% of allocated target. \$69.3 million spent to date. 27% of allocated budget.

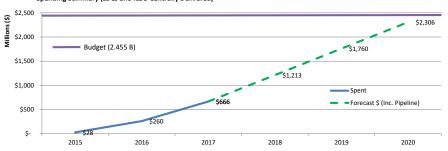
Savings Summary (LDCs and IESO Centrally Delivered)



LDCs Forecasted Spending in millions at 2020 (excluding First Nations)

		Allocated	Forecast	%
1	Milton Hydro Distribution Inc.	\$11.91	\$19.03	160%
2	Halton Hills Hydro Inc.	\$8.39	\$11.99	143%
3	EnWin Utilities Ltd.	\$38.42	\$48.31	126%
4	Tillsonburg Hydro Inc.	\$2.88	\$2.89	100%
5	Northern Ontario Wires Inc.	\$1.17	\$1.45	123%
6	Essex Powerlines Corporation	\$8.53	\$12.12	142%
7	Thunder Bay Hydro Electricity Distribution Inc.	\$12.93	\$20.95	162%
8	Brantford Power Inc.	\$16.55	\$17.84	108%
9	Midland Power Utility Corporation	\$2.74	\$2.57	94%
10	Orillia Power Distribution Corporation	\$4.32	\$4.46	103%
11	PUC Distribution Inc.	\$7.44	\$7.30	98%
12	London Hydro Inc.	\$51.19	\$49.80	97%
13	Hydro Ottawa Limited	\$105.24	\$92.54	88%
14	Algoma Power Inc.	\$2.11	\$1.93	92%
15	Erie Thames Powerlines Corporation	\$7.11	\$14.22	200%
16	Oakville Hydro Electricity Distribution Inc.	\$24.58	\$25.30	103%
17	Hydro One Networks Inc.	\$338.36	\$348.59	103%
18	Renfrew Hydro Inc.	\$1.07	\$1.03	96%
19	Burlington Hydro Inc.	\$25.83	\$25.77	100%

Spending Summary (LDCs and IESO Centrally Delivered)



Central Services Spending in millions

	Total Actual	Budget
CFF Labour	\$2.04	\$5.40
Technical Services (to include tech reviewer)	\$36.36	\$77.40
IESO Infrastructure (IS, IT, CRM, Call Centre)	\$6.73	\$14.71
LDC Innovation Fund (Not including Whole Home)	\$13.09	\$30.64
Collaboration Fund	\$4.60	\$12.22
Capability Building, National Accounts & Energy Managers	\$4.77	\$37.03
Province Wide Marketing & Market Research	\$35.65	\$55.73
LDC Performance Incentives (MTI/ATI/ETI)	\$68.04	\$128.50
Centrally Delivered Programs Total	\$27.92	\$255.01
Centrally Delivered Provincial Total	\$199.21	\$616.64

Assumption

Forecast (Deal Days): Assume savings/spending for 1 event a year.

Pipeline: Includes discounted Retrofit data in the pipeline and all PSUP and IAP projects.

Forecasts are a linear based on past performance, aside from large PSUP and IAP projects.

Forecasts include pipeline information as well as verified and unverified data.

Forecasts for savings are based on a 6 years, spending is based on a 5 years (legacy extension).

Province	e-Wide Progress	2019 CDM	Plan Forecast	6-year CDM	Plan Forecast	Count (Incremental)	Energy Savings (Incremental)	(Persisiting to	Spending (Year to Date)	Spending (Program to	Cost Effectiveness	Effecti
As of:	15-Apr-19	% kWh Target	% Budget Spent	% kWh Target	% Budget Spent			2020)		Date)	(Year to Date)	(Pror D
	Program											
	Save on Energy Coupon Program	0%	2%	136%	82%							
	Save on Energy Heating and Cooling Program	2%	23%	88%	73%							
	Save on Energy Home Assistance Program	1%	5%	58%	48%							
	Save on Energy Instant Discount Program			5307%	9325%						to Effectiveness	
	Save on Energy New Construction Program	4%	24%	33%	58%							
,	Save on Energy Smart Thermostat Program	0%	45%	112%	32%							
	Save on Energy Whole Home Program	0%	0%	25%	0%							
	Residential Programs Total	1%	16%	168%	83%							
	Save on Energy Audit Funding Program	0%	20%	56%	64%							
	Save on Energy Retrofit Program	2%	35%	84%	66%							
Residential (Province-Wide) Non-Residential (Province-Wide) Solution in the service of the ser	Save on Energy Retrofit Program - P4P	0%	13%	38%	26%							
	Save on Energy Retrofit Program Enabled Savings	- 070	0%	240%	0%							
	Save on Energy Small Business Lighting Program	15%	32%	52%	53%							
	Save on Energy Business Refrigeration Program	13%	21%	49%	44%							
Non-	Save on Energy Existing Building Commissioning Program	0%	5%	14%	34%							
	Save on Energy High Performance New Construction Program	1%	24%	92%	64%							
	Save on Energy High Performance New Construction Program Enabled Savings	170	2170	3270	0170							
mac)	Save on Energy Process & Systems Upgrades Program	1%	5%	9%	21%							
	Save on Energy Process & Systems Upgrades Program - P4P	1	370	152%	93%							
	Save on Energy Process & Systems Upgrades Program Enabled Savings	1		132.70	3370							
	Save on Energy Energy Manager Program	12%	15%	68%	37%							
	Save on Energy Monitoring & Targeting Program	0%	11%	2%	26%							
	Non-Residential Programs Total	2%	20%	61%	49%							
	Local LDC Programs Total	0%	15%	43%	40%							
LDC	LDC Innovation Pilots Total	0%	0%	188%	8%							
	Centrally Delivered Total	10%		9%	49%							
arget Gap		<u> </u>										
ion-Approv	red Program	j										
Jnassigned	Program	j										
nergy Savi	ngs from 2011-2014 Framework	j		115%								
OTAL Cons	ervation First (CDM Plan Forecast)	2%	48%	82%	52%							
OTAL Cons	ervation First (Target and Budget Allocation)											
OTAL CORS	ervation First (Target and Budget Anocation)			82%	52%							
ndustrial A	ccelerator	5 0/	270/	220/	270/							
naustriai A	ccelerator	5%	27%	32%	27%							



Program Participation & Cost Report IESO Value Added Services Costs and Centrally Delivered Costs

Guelph Hydro Electric Systems Inc.

Unless otherwise stated, all values are unverified

Year end adjustments for invalid coupons that didn't align with retailer sales data are done in the Decembers IESO reporting period.

*The IESO adjusted values reported as Value Added Services Unverified Adjustments from Previous Years to discount savings reported as verified savings from previous years.

Year end adjustments for invalid coupons that didn't align with retailer sales data are done in the Decembers IESO reporting period.			Measures Installed	Net Incremental Energy Savings (kWh)	Administrative Expenses (Variable)		Participant Incentives		Total Value Added Services Spending	
	Coupon Total	Measures	38,087,165	1,035,550,189	\$	10,575,058	\$	101,323,731	\$	111,898,788
Provincial	Instant Discount Program to Date Total	Measures	31,123,156	629,597,669	\$	2,242,531	\$	53,796,834	\$	56,039,366
Value Added Services Actuals	Heating and Cooling Program to Date Total	Equipment	212,703	129,777,545	\$	2,403,050	\$	99,195,550	\$	101,598,600
for the period	Smart Thermostat Program to Date Total	Equipment	21,095	6,195,178	\$	79,405	\$	794,050	\$	873,455
	LDC Value Added Services Provincial Total			1,801,120,581	\$	15,300,044	\$	255,110,165	\$	270,410,209
LDC	Coupon Total	Measures	328,968	9,168,735	\$	111,114	\$	889,390	\$	1,000,504
	Instant Discount Program to Date Total	Measures	267,532	5,396,672	\$	19,239	\$	461,007	\$	480,246
Value Added Services Actuals	Heating and Cooling Program to Date Total	Equipment	5,202	3,241,246	\$	63,950	\$	1,695,500	\$	1,759,450
for the period	Smart Thermostat Pilot Program to Date Total	Equipment	473	184,517	\$	2,365	\$	23,650	\$	26,015
	LDC Value Added Services LDC Total			17,991,169	\$	196,668	\$	3,069,547	\$	3,266,215
					_		1	Ī		
	CFF Labour				\$	2,041,298			\$	2,041,298
	Technical Services (to include tech reviewer)				\$	36,364,605			\$	36,364,605
	IESO Infrastructure (IS, IT, CRM, Call Centre)				\$	6,729,087			\$	6,729,087
Provincial Centrally	LDC Innovation Fund (Not including Whole Home)				\$	13,087,154			\$	13,087,154
Delivered Actuals for the	Collaboration Fund				\$	4,604,611			\$	4,604,611
period	Capability Building, National Accounts & Energy Managers				\$	4,774,004			\$	4,774,004
	Province Wide Marketing & Market Research				\$	35,652,336			\$	35,652,336
	LDC Performance Incentives (MTI/ATI/ETI)				\$	68,036,082			\$	68,036,082
	Centrally Delivered Programs Total		161,778.2	12,529,974	\$	23,606,155	\$	4,313,506	\$	27,919,661
	Centrally Delivered Provincial Total				\$	194,895,330	\$	4,313,506	\$	199,208,837



Program Participation & Cost Report Save on Energy Retrofit Program - Multi-Site Applications

A By Month

Guelph H	lydro Electric Systems Inc.	al) >	al) >	^ (c)									
As of:	15-Apr-19	rement	rement	to 2020)	2019	2019 Year to Date		2019	2	019 Year to Date	2019	20	19 Year to Date
	Program	Ĕ	ᆵ	siting	Incentive Budget	Incentive Actual	_	Admin Budget		Admin Actual	 Total Budget		Total Actual
Provincial	Save on Energy Retrofit Program	ount (i) sgui	ersisi	\$ 64,921,809	\$ 22,884,868	\$	35,502,389	\$	7,362,819	\$ 86,278,803	\$	30,247,687
	Save on Energy Retrofit Program - P4P	3	ıy Sav	ings (F	\$ 25,016,698	\$ 5,484,635	\$	19,107,840		-	\$ 42,612,031	\$	5,484,635
	Multi-Site Applications*		Energ	y Savi		\$ 2,560,615			\$	222,980		\$	2,783,595
LDC Actuals	Save on Energy Retrofit Program			Energ	\$ 850,000	\$ 210,491	\$	660,000	\$	106,785	\$ 1,946,069	\$	317,276
for the Period	Save on Energy Retrofit Program - P4P				-	-		-		-	-		-
	Multi-Site Applications*					\$ 38,280			\$	2,415		\$	40,695

Month

*Only contains UNVERIFIED data. For MSA in final verified results please request

a complete project list by emailing LDC.Support@ieso.ca



Program Participation & Cost Report Methodology

All results are at the end-user level (not including transmission and distribution losses).

Forecasting a la linear formulae used to predict savings and spending. Savings are based on a 72 month period, spending is based on a 60 month period because of the legacy extension year.

Savings and spending are calculated the same aside from the ratio used for the denominator to determine how many more months should be projected forewords (\$ uses 60 months, kWh uses 72 months as described above).

Forecasting is calculated as follows:

Pipeline: For Retrofit the pipeline data is based on projects not already submitted.

Pre stage application status' are discounted based on created year. If todays date less the creation data is 3 years or older, the discount rate is a random number between 99% - 100%, 2 years 92% - 100%, 1 year 70% - 100%

Discount rates were established based on an analysis conducted by the IESO including all province wide Retrofit data spanning from 2014 onward.

Retrofit Post stage applications and PSUI applications are not discounted at all.

Instant Discounts is projected forward based on 2018 results but discounted by half, then added back into the forecast.

Instant Discounts savings are expected to be reduced by half as there is only 1 event a year projected for Instant Discounts as appose to 2 that was in 2018.

Coupons Program is removed from future projections as the program is discontinued. It is then added back into the forecast similar to PSUI.

Savings Calculations

Project Type Equations

1	Prescriptive Measures and Projects Programs	Gross Reported Savings = Activity * Per Unit Assumption Savings Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Saving = Gross Reported Savings * Neto Corsos Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
2	Engineered and Custom Projects / Programs	Gross Reported Savings = Reported Savings Realization Rate Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Savings = Gross Reported Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same repardless of time of year a project was completed or measure installed)
3		All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the annual effect of energy sayings.

2011-2014+2015 Extension Legacy Framework Initiatives

#	Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings	Project Count				
1	saveONenergy Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.						
2	saveONenergy Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the event occurs.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied					
3	saveONenergy Appliance Retirement	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	Savings are considered to begin in the year the appliance is picked up.	by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.					
4	saveONenergy HVAC Incentives	Results directly attributed to LDC based on customer applications and postal code.	Savings are considered to begin in the year that the installation occurred.		ı				
5	saveONenergy Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system.	Savings are considered to begin in the year of the project completion date.						
6	saveONenergy Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with PBAV protocols and reflect the savings that were actually realized (i.e. how many light bubs were actually realized (i.e. how many light bubs were actually savings with the savings that the savings that is not the savings that is not the savings that is not the savings that is not the savings that is not the savings that is not the savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings that is not savings to savings that is not savings that	- 				
7	saveONenergy Efficiency: Equipment Replacement								
		Additional Note: project counts were derived by filtering or Project Completion Date" in 2014)	It invalid statuses (e.g. Post-Project Submission - Payment of	denied by LDC) and only including projects with an "Actual	program name. Eg Retrofit is the count of Projects.				
9	saveONenergy Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually restalled (x. both many light bulls were actually installed vs. what was reported) (gross) ket savings take into account net- cryoss factors such as free-ridership and spillover for both peak demand and energy savings at the program level (ret.).					
10	saveONenergy New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC lidentified in the application.	project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how					
11	saveONenergy Existing Building Commissioning Incentive			many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).					
12	saveONenergy Process & System Upgrades		Savings are considered to begin in the year in which the	Peak demand and energy savings are determined by the	1				
13	saveONenergy Monitoring & Targeting	Results are directly attributed to LDC based on LDC	incentive project was completed.	total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and					
14	saveONenergy Energy Manager	identified in application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to- gross factors such as free-ridership and spillover (net).					
14	Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net- to-gross factors such as free-idership and spillover (net) at the measure level.					
15	Aboriginal Conservation Program			at the measure rever.					



2015-2020 Conservation First Framework Programs

#	Program	Attributing Savings to LDCs	Savings 'Start' Date	Calculating Resource Savings	Project Count	
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.			
2	Save on Energy Heating and Cooling Program	Results directly attributed to LDC based on customer applications and postal code. LDCs may see additional participation, savings and spending relative to the March 2016 Value Added Services Report due to previously unassigned applications completed in 2015. Agilstaments for Heaft final 2015 verified participation will appear in your July 2016 Value Added Services Report to be issued on August 15, 2016	Savings are considered to begin in the year that the installation occurred.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account neck-orgoss factors such as free-riddership and spillover (net) at the measure level.		
3	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in CDM LDC Report Template.	Savings are considered to begin in the year of the project completion date.			
4	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.			
5	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with DRAV protocols and reflect the savings that were actually resized (c.e. how many light bulbs were actually installed account net-to-gross factors such as free-ridership and spillover (net).	Based on project completion date. Count is the number of line items (rows) that are entered into the "Program Activity Information" tab in the LDC Report Template.	
6	Save on Energy Retrofit Program	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRN; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	Swings are considered to begin in the year of the actual project completion date as reported in the CDM LDC Report Template	Peak demand and energy savings are determined by the total savings for a given project as reported in the CON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with PEAV protocols and reflect the savings align with PEAV protocols and reflect the savings that were actually realized (i.e. how many light bubs were actually installed vs. what was reported jogoss). Net sowings takes into account net-to-gross factors such as free-refership and spolitoer (rids, Dioth realization rate and net to-gross politoers from the realization rate and net to-gross depend on the mix of project swithin an LDC territory (i.e. inginieered/custom/prescriptive track).		
7	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual project completion date. Count is based off the actual	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually installed vs. what was reported) (gross). At savings take into account net-bo- gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).		
8	Save on Energy High Performance New Construction Program Save on Energy	Results are directly attributed to LDC based on LDC identified in the application.	project competion trate. Could is based on the actual completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM LDC Report Template. Preliminary unvertified net savings are calculated by multiplying reported savings by 2014 Net to-gross ratios and realization rates.	Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.	
L	Existing Building Commissioning Program Save on Energy	Results are directly attributed to LDC based on LDC	Savings are considered to begin in the year in which the		Based on project completion date. Count is the number of line items (rows)	
	Process and Systems Upgrades Program Save on Energy Monitoring and Targeting Program	identified in application. Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011, 2012 or 2013.	project was in-service. Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMSU protocols and reflect the savings that were actually realized (i.e. how	that are entered into the "Program Activity Information" tab in the LDC Report Template.	
12	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).	Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.	
13	Business Refrigeration Incentive Program		Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually installed vs. what was reported) (gross). Net savings take into account net-to- gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).	Based on project completion date. Count is the number	
14	Social Benchmarking Program	Results are directly attributed to LDC based on LDC identified in the application.		Peak demand and energy savings are determined using the verified measure level (home) per unit assumption multiplied by the uptake in the market (gross) taking into account net to-gross factors south as free-ridership and spillover (net) at the measure level (home).	of line items (rows) that are entered into the "Program Activity Information" tab in the LDC Report Template.	
15	First Nations Conservation Program		Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-indership and spillover (net) at the measure level.		

IESO Value Added Services Costs

- 1) IESO Value Added Services Costs are based on activity reported as of March 31, 2016.
- 1) IESO Value Added Services Costs are based on activity reported as or March 31, 2016.

 2) Save on Energy Heating & Cooling Program activity may be greater than the March 2016 IESO Value Added Services Report due to previously unassigned applications being assigned to LDCs through the Evaluation, Measurement & Verification Process based on updated applications. These additional applications and costs will be reflected in the July 2016 IESO Value Added Services Report.

 3) Future years may include adjustments to prior years based on delays of Value-Added Service report submissions to IESO from IESO Value-Added Services providers.

 4) IESO Value Added Services costs are calculated based on the prevailing IESO Value Added Services Rates as per the applicable IESO Central Services Strategy and Rate Guideline.

Final 2015 Annual Verified Results Report June 30, 2016 Page 14 of 20 Methodology



Program Participation & Cost Report Consumer Program Allocation Methodology

Year	Local Distribution Company	Allocation
2016 03 31 - Current	Algoma Power Inc.	0.1820%
2016 03 31 - Current	Atikokan Hydro Inc.	0.0229%
2016 03 31 - Current	Attawapiskat Power Corporation	0.0149%
2016 03 31 - Current	Bluewater Power Distribution Corporation	0.6152%
2016 03 31 - Current	Brantford Power Inc.	0.6715%
2016 03 31 - Current	Burlington Hydro Inc.	1.3392%
2016 03 31 - Current	Canadian Niagara Power Inc.	0.3472%
2016 03 31 - Current	Centre Wellington Hydro Ltd.	0.1058%
2016 03 31 - Current	Chapleau Public Utilities Corporation	0.0282%
2016 03 31 - Current	COLLUS PowerStream Corp.	0.2546%
2016 03 31 - Current	Cooperative Hydro Embrun Inc.	0.0563%
2016 03 31 - Current	E.L.K. Energy Inc.	0.2455%
2016 03 31 - Current	Energy+ Inc.	1.1217%
2016 03 31 - Current	Enersource Hydro Mississauga Inc.	4.6424%
2016 03 31 - Current	Entegrus Powerlines Inc.	0.7018%
2016 03 31 - Current	EnWin Utilities Ltd.	1.4909%
2016 03 31 - Current	Erie Thames Powerlines Corporation	0.3197%
2016 03 31 - Current	Espanola Regional Hydro Distribution Corporation	0.0637%
2016 03 31 - Current	Essex Powerlines Corporation	0.6061%
2016 03 31 - Current	Festival Hydro Inc.	0.3248%
2016 03 31 - Current	Fort Albany Power Corporation	0.0099%
2016 03 31 - Current	Fort Frances Power Corporation	0.0900%
2016 03 31 - Current	Greater Sudbury Hydro Inc.	0.7993%
2016 03 31 - Current	Grimsby Power Incorporated	0.1813%
2016 03 31 - Current	Guelph Hydro Electric Systems Inc.	0.8531%
2016 03 31 - Current	Halton Hills Hydro Inc.	0.5897%
2016 03 31 - Current	Hearst Power Distribution Company Limited	0.0510%
2016 03 31 - Current	Horizon Utilities Corporation	3.7200%
2016 03 31 - Current	Hydro 2000 Inc.	0.0394%
2016 03 31 - Current	Hydro Hawkesbury Inc.	0.1467%
2016 03 31 - Current	Hydro One Brampton Networks Inc.	3.5920%
2016 03 31 - Current	Hydro One Networks Inc.	27.2865%
2016 03 31 - Current	Hydro Ottawa Limited	6.6052%
2016 03 31 - Current	InnPower Corporation	0.3309%
2016 03 31 - Current	Kashechewan Power Corporation	0.0177%
2016 03 31 - Current	Kenora Hydro Electric Corporation Ltd.	0.0896%
2016 03 31 - Current	Kingston Hydro Corporation	0.2939%
2016 03 31 - Current	Kitchener-Wilmot Hydro Inc.	1.5077%
2016 03 31 - Current	Lakefront Utilities Inc.	0.1128%
2016 03 31 - Current	Lakeland Power Distribution Ltd.	0.2288%
2016 03 31 - Current	London Hydro Inc.	2.6114%
2016 03 31 - Current	Midland Power Utility Corporation	0.1014%
2016 03 31 - Current	Milton Hydro Distribution Inc.	0.6579%
2016 03 31 - Current	Newmarket-Tay Power Distribution Ltd.	0.5977%
2016 03 31 - Current	Niagara Peninsula Energy Inc.	0.8158%
2016 03 31 - Current	Niagara-on-the-Lake Hydro Inc.	0.1304%



	T	
2016 03 31 - Current	North Bay Hydro Distribution Limited	0.4153%
2016 03 31 - Current	Northern Ontario Wires Inc.	0.0860%
2016 03 31 - Current	Oakville Hydro Electricity Distribution Inc.	1.5097%
2016 03 31 - Current	Orangeville Hydro Limited	0.2004%
2016 03 31 - Current	Orillia Power Distribution Corporation	0.2220%
2016 03 31 - Current	Oshawa PUC Networks Inc.	1.4845%
2016 03 31 - Current	Ottawa River Power Corporation	0.1225%
2016 03 31 - Current	Peterborough Distribution Incorporated	0.4607%
2016 03 31 - Current	PowerStream Inc.	7.8184%
2016 03 31 - Current	PUC Distribution Inc.	0.6545%
2016 03 31 - Current	Renfrew Hydro Inc.	0.0477%
2016 03 31 - Current	Rideau St. Lawrence Distribution Inc.	0.0670%
2016 03 31 - Current	Sioux Lookout Hydro Inc.	0.0776%
2016 03 31 - Current	St. Thomas Energy Inc.	0.2780%
2016 03 31 - Current	Thunder Bay Hydro Electricity Distribution Inc.	0.8172%
2016 03 31 - Current	Tillsonburg Hydro Inc.	0.1169%
2016 03 31 - Current	Toronto Hydro-Electric System Limited	15.5698%
2016 03 31 - Current	Veridian Connections Inc.	2.3879%
2016 03 31 - Current	Wasaga Distribution Inc.	0.1754%
2016 03 31 - Current	Waterloo North Hydro Inc.	0.9590%
2016 03 31 - Current	Welland Hydro-Electric System Corp.	0.3103%
2016 03 31 - Current	Wellington North Power Inc.	0.0570%
2016 03 31 - Current	West Coast Huron Energy Inc.	0.0585%
2016 03 31 - Current		0.3654%
2016 03 31 - Current	Whitby Hydro Electric Corporation	1.1240%
2011 - 2016 03 31	Algoma Power Inc.	0.2207%
2011 - 2016 03 31	Atikokan Hydro Inc.	0.0265%
2011 - 2016 03 31	Attawapiskat Power Corporation	0.0255%
2011 - 2016 03 31	Bluewater Power Distribution Corporation	0.6460%
2011 - 2016 03 31	Brant County Power Inc.	0.1979%
2011 - 2016 03 31	Brantford Power Inc.	0.7255%
2011 - 2016 03 31	Burlington Hydro Inc.	1.3757%
2011 - 2016 03 31	Cambridge and North Dumfries Hydro Inc.	0.9578%
2011 - 2016 03 31	Canadian Niagara Power Inc.	0.5110%
2011 - 2016 03 31	Centre Wellington Hydro Ltd.	0.1129%
2011 - 2016 03 31	Chapleau Public Utilities Corporation	0.0379%
2011 - 2016 03 31	COLLUS PowerStream Corp.	0.2858%
2011 - 2016 03 31	Cooperative Hydro Embrun Inc.	0.0494%
2011 - 2016 03 31	E.L.K. Energy Inc.	0.2270%
2011 - 2016 03 31	Enersource Hydro Mississauga Inc.	3.9265%
2011 - 2016 03 31	Entegrus Powerlines Inc.	0.7226%
2011 - 2016 03 31	EnWin Utilities Ltd.	1.5542%
2011 - 2016 03 31	Erie Thames Powerlines Corporation	0.3535%
2011 - 2016 03 31	Espanola Regional Hydro Distribution Corporation	0.0821%
2011 - 2016 03 31	Essex Powerlines Corporation	0.6539%
2011 - 2016 03 31	Festival Hydro Inc.	0.3498%
2011 - 2016 03 31	Fort Albany Power Corporation	0.0212%
2011 - 2016 03 31	· · · · · · · · · · · · · · · · · · ·	0.0212%
	Fort Frances Power Corporation Greater Sudbury Hydro Inc.	
2011 - 2016 03 31	Greater Sudbury Hydro Inc.	1.0276%
2011 - 2016 03 31	Grimsby Power Incorporated	0.2279%
2011 - 2016 03 31	Guelph Hydro Electric Systems Inc.	0.8983%
2011 - 2016 03 31	Haldimand County Hydro Inc.	0.4244%
2011 - 2016 03 31	Halton Hills Hydro Inc.	0.5475%



2011 - 2016 03 31	Hearst Power Distribution Company Limited	0.0667%
2011 - 2016 03 31	Horizon Utilities Corporation	4.0429%
2011 - 2016 03 31	Hydro 2000 Inc.	0.0390%
2011 - 2016 03 31	Hydro Hawkesbury Inc.	0.1394%
2011 - 2016 03 31	Hydro One Brampton Networks Inc.	2.8180%
2011 - 2016 03 31	Hydro One Networks Inc.	29.9788%
2011 - 2016 03 31	Hydro Ottawa Limited	5.5954%
2011 - 2016 03 31	InnPower Corporation	0.3951%
2011 - 2016 03 31	Kashechewan Power Corporation	0.0286%
2011 - 2016 03 31	Kenora Hydro Electric Corporation Ltd.	0.0989%
2011 - 2016 03 31	Kingston Hydro Corporation	0.5014%
2011 - 2016 03 31	Kitchener-Wilmot Hydro Inc.	1.6310%
2011 - 2016 03 31	Lakefront Utilities Inc.	0.1907%
2011 - 2016 03 31	Lakeland Power Distribution Ltd.	0.2906%
2011 - 2016 03 31	London Hydro Inc.	2.7308%
2011 - 2016 03 31	Midland Power Utility Corporation	0.1196%
2011 - 2016 03 31	Milton Hydro Distribution Inc.	0.5695%
2011 - 2016 03 31	Newmarket-Tay Power Distribution Ltd.	0.6607%
2011 - 2016 03 31	Niagara Peninsula Energy Inc.	0.9945%
2011 - 2016 03 31	Niagara-on-the-Lake Hydro Inc.	0.1586%
2011 - 2016 03 31	Norfolk Power Distribution Inc.	0.3495%
2011 - 2016 03 31	North Bay Hydro Distribution Limited	0.5333%
2011 - 2016 03 31	Northern Ontario Wires Inc.	0.1061%
2011 - 2016 03 31	Oakville Hydro Electricity Distribution Inc.	1.4632%
2011 - 2016 03 31	Orangeville Hydro Limited	0.2120%
2011 - 2016 03 31	Orillia Power Distribution Corporation	0.2722%
2011 - 2016 03 31	Oshawa PUC Networks Inc.	1.2283%
2011 - 2016 03 31	Ottawa River Power Corporation	0.1974%
2011 - 2016 03 31	Peterborough Distribution Incorporated	0.7132%
2011 - 2016 03 31	PowerStream Inc.	6.6383%
2011 - 2016 03 31	PUC Distribution Inc.	0.8687%
2011 - 2016 03 31	Renfrew Hydro Inc.	0.0775%
2011 - 2016 03 31	Rideau St. Lawrence Distribution Inc.	0.1120%
2011 - 2016 03 31	Sioux Lookout Hydro Inc.	0.0841%
2011 - 2016 03 31	St. Thomas Energy Inc.	0.2939%
2011 - 2016 03 31	Thunder Bay Hydro Electricity Distribution Inc.	0.8738%
2011 - 2016 03 31	Tillsonburg Hydro Inc.	0.1280%
2011 - 2016 03 31	Toronto Hydro-Electric System Limited	12.7979%
2011 - 2016 03 31	Veridian Connections Inc.	2.3525%
2011 - 2016 03 31	Wasaga Distribution Inc.	0.1799%
2011 - 2016 03 31	Waterloo North Hydro Inc.	1.0019%
2011 - 2016 03 31	Welland Hydro-Electric System Corp.	0.3879%
2011 - 2016 03 31	Wellington North Power Inc.	0.0632%
2011 - 2016 03 31	West Coast Huron Energy Inc.	0.0653%
2011 - 2016 03 31	Westario Power Inc.	0.5411%
2011 - 2016 03 31	Whitby Hydro Electric Corporation	0.8651%
2011 - 2016 03 31	Woodstock Hydro Services Inc.	0.2548%

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009



Program Participation & Cost Report Glossary

#	Term	Definition
1	2011-2014+2015 Extension Legacy Framework Programs	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
2	2015-2020 Conservation First Framework Programs	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
3	Allocated Target	Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
4	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
5	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
6	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
7	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
8	Pilot Program	A program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget.
9	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework.
11	Activity	The number of projects.



12	Unit	For a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).
13	Forecast	LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools.
14	Actual	The IESO determined final results of activity, savings, expenditures and cost effectiveness.
15	Progress	A comparison of Actuals versus Forecasts.
16	Full Cost Recovery Progress	For a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement.
17	Reported Savings	Savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
18	Verified Savings	Savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate.
19	Gross Savings	Savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams.
20	Net Savings	The peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc.
21	Realization Rate	A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.
22	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover.
23	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.



24	Spillover	Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.
25	Incremental Savings	The new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.
26	First Year Savings	The peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity).
27	Annual Savings	The peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
28	Demand Savings	Demand savings attributable to conservation and demand management activities.
29	Energy Savings	Energy savings attributable to conservation and demand management activities.
30	Administrative Expenses	Costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services.
31	Participant Incentives	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
32	Total Expenditure	The sum of Administrative Expenses and Participant Incentives
33	Total Resource Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs.
34	Program Administrator Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant.
35	Levelized Unit Energy Cost Cost Effectiveness Test	A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced.



EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 42

ATTACHMENT 42 2018 ALECTRA UTILITIES CDM SAVINGS

Sum of Net Energ	rgy Savings from Participation And Cost Report y		Rate Class											
			GS 50 - 499		GS 50 - 699							Street	Unmetered	
Rate Zone	Program Name	Funding Mechanism	kW	GS 50 - 4999 kW		GS 500 - 4999 kW	GS 700 - 4999 kW 0	SS<50 kW	Large Use	Large Use (2)	Residential	Sentinel Lights Lighting	Scattered Load	Grand Total
BRZ	Audit Funding Program	FCR	-	-	104,518	-	146,326	-	-	-	-	-		250,8
	Business Refrigeration Incentives Program	FCR	-	-	388,846	-	-	64,422	-	-	-			,-
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	941,792			011,71
	High Performance New Construction Program	FCR	-	-	116,822	-	-	-	-	-	-	-		,
	Home Assistance Program	FCR FCR	-	-	-		<u>-</u>	-	<u> </u>	-	94,467	-		94,40
	Process & Systems Upgrade Program Residential New Construction	FCR	-	-	-	-	-	-	<u>-</u>		434,050	-	<u> </u>	434,0
	Retrofit	FCR			5,422,242		1,692,566	612,041	136,709		434,030		-	7,863,5
	Retrofit	P4P		-	1,617,130	_	644,955	436.398	413,727	-	-	-	- 3,8	
	Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-		
	Small Business Lighting Program	FCR	-	-	459,231	-	-	195,851	-	-	-	-		655,08
	Instant Discount Program	FCR									6,817,428			6,817,42
	Energy Manager	FCR							43,519					43,5
	Smart Themostats	FCR									182,977	•		182,9
	Coupons Program	FCR												
BRZ Total	Audit Frankling December	FOR	407.000			440.000								20,969,8
ERZ	Audit Funding Program	FCR FCR	167,229 437,454	-	-	146,326	-	225.420	-	-	-	-		
	Business Refrigeration Incentives Program	FCR	437,454		-	-	-	335,420		-	1,320,767	-	- 9,8	
	Heating and Cooling Program High Performance New Construction Program	FCR	8,267	-	-	494,526	<u>-</u>		-	-	1,320,767	-		
	Process & Systems Upgrade Program	FCR	119.485			434,320								
	Retrofit	FCR	716,069	-		268,605	-	148,128	-	-	-		-	1,132,80
	Retrofit	P4P	2,648,706	-	-	3,670,853	-	1,243,320	651,911	-	-	-	- 98,5	
	Small Business Lighting Program	FCR	1,222,440	-	-	-	-	271,548	-	-	-	-		
	Instant Discount Program	FCR	, , ,					,			8,811,076			8,811,0
	Energy Manager	FCR				986,768								986,70
	Monitoring and Targeting	FCR	106,000											106,00
	Smart Themostats	FCR									236,486	i e		236,48
	Coupons Program	FCR												
ERZ Total														24,119,7
HRZ	Audit Funding Program	FCR	-	355,362	-	-	-	41,807	-	-	-	-		397,10
	Business Refrigeration Incentives Program	FCR FCR	-	272,421	-	-	-	245,169	-	-	-	<u>-</u>		
	Heating and Cooling Program Home Assistance Program	FCR	-	-	-	-	-	-	-	-	880,906 133,395			,
	Process & Systems Upgrade Program	FCR		87,316					-		133,383		-	
	Residential New Construction	FCR	-	-	_	-	-	-	-	-	210,227			210,2
	Retrofit	FCR	_	6,151,397	-	_	-	764,315	488,345	1,301,406		-	- 111,1	
	Retrofit	P4P	-	2,490,501	-	-	-	529,323	143,850	1,494,682		-	- 146,0	
	Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-		-
	Small Business Lighting Program	FCR	-	142,339	-	-	-	1,147,415	-	-	-	-		1,289,7
	Instant Discount Program	FCR									7,060,380			7,060,38
	Energy Manager	FCR		3,277,606										3,277,60
	Smart Themostats	FCR									189,498			189,49
UD7 T-4-1	Coupons Program	FCR												07.000.00
HRZ Total PRZ	Audit Funding Program	FCR		877,953				62.711					_	27,666,0 2
r IXE	Business Refrigeration Incentives Program	FCR	-	518,707	-	-		311,049	-	-	-	-		
	Heating and Cooling Program	FCR	-	-		-	-	311,049	-		3,630,431			
	High Performance New Construction Program	FCR	-	2,890,657	-	-	-	539	2,493,655			-	-	
	Home Assistance Program	FCR	-	_,000,001	-	-	-	-	_, .55,566	-	159,460	-		
	Process & Systems Upgrade Program	FCR	-	120,798	-	-	-	-	-	-	-	-		
	Residential New Construction	FCR	-	-		-	-		-	-	776,525	-		
	Retrofit	FCR	-	20,999,112	-	-	-	670,052	-	-	-	-	-	21,669,10
	Retrofit	P4P	-	5,312,069	-	-	-	934,740	-	-	-	2,969	- 2,1	45 6,251,92
	Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-		
	Small Business Lighting Program	FCR	-	1,660,125	-	-	-	28,442	-	-	-	•		1,688,56
	Social Benchmarking Program - OPower	FCR												-
	Social Benchmarking Program - Simple Energy	FCR									44.000 :::			
	Instant Discount Program	FCR FCR		8,320,175							14,839,116			14,839,1
	Energy Manager Smart Themostats	FCR		6,320,175							398,277			8,320,1 398,2
		FCR									396,277			398,2
PRZ Total	Coupons Program	FUN												65,009,7
i ite i Utai	and Cost Report													137,765,3

Table 1b- N	let Energy Savings from Post-Participation And Cost Report														
Sum of Net	Energy	F	Rate Class												
		Funding Mechani	GS 50 - 499	GS 50 - 4999	GS 50 - 699	GS 500 -	GS 700 - 4999					Sentinel	Street	Unmetered	
Rate Zone	Program Name	sm	kW	kW	kW	4999 kW	kW	GS<50 kW	Large Use	Large Use (2)	Residential	Lights	Lighting	Scattered Load	Grand Total
BRZ	Audit Funding Program	FCR	-	-	222,150	-	311,010	-	-	-	-	-	-	-	533,160
	Business Refrigeration Incentives Program	FCR													-
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	68,782	-	-	-	68,782
	High Performance New Construction Program	FCR	-	-	165,657	-	-	-	-	-	-	-	-	-	165,657
	Home Assistance Program	FCR													-
	Process & Systems Upgrade Program Residential New Construction	FCR FCR													-
	Retrofit	FCR			3,827,604		1.194.796	432,045	96,504		_				5,550,949
	Retrofit	P4P	-	-	11,989,885	_	4,781,891	3,235,583	3,067,495	-	_	-		28,425	
	Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-			9,164,654
	Small Business Lighting Program	FCR	-	-	94,455	-	-	40,283	-	-	-	-		-	134,738
	Instant Discount Program	FCR													-
	Energy Manager	FCR													-
	Smart Themostats	FCR													-
DD7 T-4-1	Coupons Program	FCR									21,706				21,706
BRZ Total ERZ	Audit Funding Program	FCR	355,440			311,010					-				38,742,925 666,450
L114L	Business Refrigeration Incentives Program	FCR	333,440			311,010					-			-	000,430
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	96,460	-	-	-	96,460
	High Performance New Construction Program	FCR	11,723	-	-	701,250	-	-	-	-	-	-	-	-	712,974
	Process & Systems Upgrade Program	FCR	387,307	-	-	-	-	-	-	-	-	-	-	-	387,307
	Retrofit	FCR	505,479	-	-	189,611	-	104,564	-	-	-	-	-	-	799,654
	Retrofit	P4P	19,638,296	-	-	27,216,796		9,218,343	4,833,461	-	-	-	-	730,652	
	Small Business Lighting Program	FCR	251,433	-	-	-	-	55,852	-	-	-	-	-	-	307,286
	Instant Discount Program Energy Manager	FCR FCR													-
	Monitoring and Targeting	FCR													-
	Smart Themostats	FCR													_
	Coupons Program	FCR									28,053				28,053
ERZ Total											·				64,635,731
HRZ	Audit Funding Program	FCR	-	755,310	-	-	-	88,860	-	-	-	-	-	-	844,170
	Business Refrigeration Incentives Program	FCR													
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	64,335	-	-	-	64,335
	Home Assistance Program	FCR FCR		283,032						_					283,032
	Process & Systems Upgrade Program Residential New Construction	FCR	-	203,032		-		-	-	-	-		-	-	203,032
	Retrofit	FCR	-	4.342.321	-		-	539.536	344.727	918.673		-		78,472	6,223,728
	Retrofit	P4P	-	18,465,313		-	-	3,924,560	1,066,545	11,082,016	8,333	-	-	1,083,032	
	Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-	4,855,692	-	4,855,692
	Small Business Lighting Program	FCR	-	29,277	-	-	-	236,002	-	-	-	-	-	-	265,279
	Instant Discount Program	FCR													-
	Energy Manager	FCR													-
	Smart Themostats Coupons Program	FCR FCR									22,479				22,479
HRZ Total	Oupons Frogram	FUR									22,419				48,188,515
PRZ	Audit Funding Program	FCR	-	1,866,061	_	-	-	133,290	-	-	_	-	-	_	1,999,351
	Business Refrigeration Incentives Program	FCR		,,				,							,,
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	265,142	-	-	-	265,142
	High Performance New Construction Program	FCR	-	4,099,024	-	-	-	765	3,536,065	-	-	-	-	-	7,635,854
	Home Assistance Program	FCR													
	Process & Systems Upgrade Program	FCR	-	391,563	-	-	-	-	-	-	-		-	-	391,563
	Residential New Construction Retrofit	FCR FCR		14,823,442				472,995			-				15,296,437
	Retrofit	P4P		39,385,264		-	-	6,930,443	-	<u> </u>		22,01		15,906	
	Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-			531,594
	Small Business Lighting Program	FCR	-	341,457		-	-	5,850	-	-	-	-		-	347,307
	Social Benchmarking Program - OPower	FCR	-	<u> </u>	-	-	-	-		-	29,380,302	-	-	-	29,380,302
	Social Benchmarking Program - Simple Energy	FCR	-	-	-	-	-	-	-	-	3,085,423	-	-	-	3,085,423
	Instant Discount Program	FCR													-
	Energy Manager	FCR													-
	Smart Themostats	FCR FCR									17.010				- 47.040
PRZ Total	Coupons Program	FUR									47,246				47,246 105.333.847
	Participation and Cost Report														256,901,019
. Otal F USI	. a. a.e.paacon una cost report														200,001,010

Sum of Net Energy Late Zone SRZ	Program Name Audit Funding Program Business Refrigeration Incentives Program Heating and Cooling Program High Performance New Construction Program Home Assistance Program Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit Retrofit - Streetlighting Project	Funding Mechanism FCR FCR FCR FCR FCR FCR FCR FCR FCR FCR	Rate Class GS 50 - 499 kW GS 5	50 - 4999 kW - - - - -	GS 50 - 699 kV GS 50 5 39 - 12	0 - 4999 kW GS 7 - -	7 00 - 4999 kW GS<50 6	kW Larg	ge Use Large -	-	esidential Sen	ntinel Lights S	Street Lighting Unmo	etered Scattere Grand	Total
	Audit Funding Program Business Refrigeration Incentives Program Heating and Cooling Program High Performance New Construction Program Home Assistance Program Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit	FCR FCR FCR FCR FCR FCR FCR FCR FCR	- - - -	- - -	5 39 -	-	6	-	-	-	esidential Sen	ntinel Lights S	Street Lighting Unmo	-	
SRZ	Business Refrigeration Incentives Program Heating and Cooling Program High Performance New Construction Program Home Assistance Program Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit	FCR FCR FCR FCR FCR FCR FCR	- - - -	- - -	39	-			-	-	-	-	-		4
	Heating and Cooling Program High Performance New Construction Program Home Assistance Program Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit	FCR FCR FCR FCR FCR	- - -	-	-		-	6	_						
	High Performance New Construction Program Home Assistance Program Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit	FCR FCR FCR FCR	-	-	- 12	-				-	-	-	-	-	45
	Home Assistance Program Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit	FCR FCR FCR	-		12		-	-	-	-	491	-	-	-	491
	Process & Systems Upgrade Program Residential New Construction Retrofit Retrofit	FCR FCR		-		-	-	-	-	-	-	-	-	-	12
	Residential New Construction Retrofit Retrofit	FCR			-	-	-	-	-	-	13	-	-	-	13
	Retrofit Retrofit														
	Retrofit	FCR	-	-	-	-	-	-	-	-	73	-	-	-	73
			-	-	366	-	150	66	15	-	-	-	-	-	598
	Retrofit - Streetlighting Project	P4P	-	-	315	-	97	89	45	-	-	-	-	-	546
		FCR													
	Small Business Lighting Program	FCR	-	-	68	-	-	33	-	-	-	-	-	-	101
	Instant Discount Program	FCR									587				587
	Energy Manager	FCR							4						4
	Smart Themostats	FCR													-
	Coupons Program	FCR													
BRZ Total															2,479
RZ	Audit Funding Program	FCR	7	-	-	6	-	-	-	-	-	-	-	-	14
	Business Refrigeration Incentives Program	FCR	43	-	-	-	-	34	-	-	-	-	-	-	77
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	673	-	-	-	673
	High Performance New Construction Program	FCR	0	-	-	16	-	-	-	-	-	-	-	-	16
	Process & Systems Upgrade Program	FCR	14	-	-	-	-	-	-	-	-	-	-	-	14
	Retrofit	FCR	140	-	-	30	-	26	-	-	-	-	-	-	197
	Retrofit	P4P	540	-	-	509	-	204	95	-	-	-	-	12	1,360
	Small Business Lighting Program	FCR	189	-	-	-	-	54	-	-	-	-	-	-	243
	Instant Discount Program	FCR									758				758
	Energy Manager	FCR													-
	Monitoring and Targeting	FCR													-
	Smart Themostats	FCR													-
	Coupons Program	FCR													
RZ Total															3,353
łRZ	Audit Funding Program	FCR	-	16	-	-	-	2	-	-	-	-	-	-	18
	Business Refrigeration Incentives Program	FCR	-	26	-	-	-	25	-	-	-	-	-	-	51
	Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	456	-	-	-	456
	Home Assistance Program	FCR	-	-	-	-	-	-	-	-	14	-	-	-	14
	Process & Systems Upgrade Program	FCR	-	8	-	-	-	-	-	-	-	-	-	-	8
	Residential New Construction	FCR	-	-	-	-	-	-	-	-	36	-	-	-	36
	Retrofit	FCR	-	845	-	-	-	143	63	148	-	-	-	15	1,214
	Retrofit	P4P	-	414	-	-	-	84	20	140	0	-	-	17	676
	Retrofit - Streetlighting Project	FCR													
	Small Business Lighting Program	FCR	-	22	-	-	-	201	-	-	-	-	-	-	223
	Instant Discount Program	FCR									608				608
	Energy Manager	FCR		315											315
	Smart Themostats	FCR													-
	Coupons Program	FCR													
IRZ Total	A 17.5 17 B	505		0-											3,619
PRZ	Audit Funding Program	FCR	-	39	-	-	-	3	-	-	-	-	-	-	42
	Business Refrigeration Incentives Program	FCR	-	51	-	-	-	32	-	-	-	-	-	-	83
	Heating and Cooling Program	FCR	-	-	-	-	-	- .	-	-	1,835	-	-	-	1,835
	High Performance New Construction Program	FCR	-	819	-	-	-	1	422	-	-	-	-	-	1,242
	Home Assistance Program	FCR	-	-	-	-	-	-	-	-	20	-	-	-	20
	Process & Systems Upgrade Program	FCR	-	14	-	-	-	-	-	-	- 440	-	-	-	14
	Residential New Construction	FCR	-		-	-	-	-	-	-	149	-	-	-	149
	Retrofit	FCR	-	3,489	-	-	-	100	-	-	-		-	-	3,589
	Retrofit	P4P	-	976	-	-	-	180	-	-	-	1	-	1	1,157
	Retrofit - Streetlighting Project	FCR		211											
	Small Business Lighting Program	FCR	-	311	-	-	-	5	-	-	-	-	-	-	316
	Social Benchmarking Program - OPower	FCR													-
	Social Benchmarking Program - Simple Energy	FCR									4.077				-
	Instant Discount Program	FCR									1,277				1,27
	Energy Manager	FCR		588											58
	Smart Themostats	FCR													-
	Coupons Program	FCR													
PRZ Total															10,31
otal Participation and	nd Cost Report														19,76

Band of Marchane Second Seco	Table 2b- N	let Demand Savings from Post-Participation And Cost Report														
Marie Marie Program F.P. 1	Sum of Net	Energy														
Maring and Controlling Program Fig. 1	Rate Zone	Program Name	Funding G	S 50 - 499 kV GS	5 50 - 4999 k\ G	S 50 - 699 k\ G	SS 500 - 499 GS 7	00 - 4999 kV GS	<50 kW	Large Use	Large Use (2) Resid	lential	Sentinel Light: St	treet Lightin: Uni	netered Scattered Grai	nd Total
Matter gent Conting Program Fig. 1	BRZ	Audit Funding Program		-	-	10	-	14	-	-	-	-	-	-	-	24
Miss Reference from Contraction Frogram CPC		Business Refrigeration Incentives Program	FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Minich Achibitation Program Fig. 1 1 1 1 1 1 1 1 1		Heating and Cooling Program	FCR	-	-	-	-	-	-	-	-	36	-	-	-	36
Process & Systems Giografe Regions Fig.		High Performance New Construction Program	FCR	-	-	16	-	-	-	-	-	-	-	-	-	16
Redecingla New Consistancian		Home Assistance Program	FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Refuelly Refuelly Policy		Process & Systems Upgrade Program	FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Refer Stocklighting Project		Residential New Construction	FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Revolt Servelighting Propert POR		Retrofit	FCR	-	-	259	-	106	47	10	-	-	-	-	-	422
Seal Baules Lighting Program			P4P	-	-	2,334	-	720	660	331	-	-	-	-	-	4,045
Mater Dissourch Program Fig.		Retrofit - Streetlighting Project	FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
E-cog Manager Colo		Small Business Lighting Program	FCR	-	-	14	-	-	7	-	-	-	-	-	-	21
Series S		Instant Discount Program	FCR													-
Coupos Program Coupos Program Coupos Program Coupos Program Coupos Coupo		Energy Manager	FCR													-
SEC Multi Variding Program		Smart Themostats	FCR													-
EMEZ Audit Funding Program Fire		Coupons Program	FCR									1				1
Business Refrigeration Incentive Program	BRZ Total															4,565
Bashesse Refrigeration Incentives Program		Audit Funding Program	FCR	16	-	-	14	-	-	-	-	-	-	-	-	30
Mathing and Cooling Program FCR			FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Migh Performance New Construction Program			FCR	-	-	-	-	-	-	-	-	49	-	-	-	49
Process & System Upgrade Program				0	-	-	23	-	-	-	-		-	-	-	23
Refule				44	-	-		-	-	-	-	-	-	-	-	44
Mail Business Lighting Program FCR 30					-	-	21	-	19	-	-	-	-	-	-	139
Small Business Lighting Program FCR 30 11 1					-	-		-		703	-	-	-	-	91	10,085
Instant Discourt Program FCR		Small Business Lighting Program	FCR	39	-	-	-	-	11	-	-	-	-	-	-	50
Monitoring and Targeting FCR			FCR													-
Moniforing and Targeting			FCR													-
Mart Themostats			FCR													-
Course Program FCR																-
Marian Fara												2				2
MEZ Multi Funding Program FOR 34	ERZ Total															10,422
Business Refrigeration Incentives Program FCR		Audit Funding Program	FCR	-	34	-	-	-	4	-	-	-	-	-	-	37
Heating and Cooling Program FCR				-		-	-	-		-	-	-	-	-		-
Home Assistance Program				-	-	-	-	-	-	-	-	33	-	-		33
Process & Systems Upgrade Program			FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential New Construction			FCR	-	26	-	-	-	-	-	-	-	-	-	-	26
Retroff - Streetlighting Project			FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Retroit - Streetlighting Project FCR				-	596	-	-	-	101	44	105	-	-	-	11	857
Retrofit - Streetlighting Project			P4P	-	3,071	-	-	-	626	148	1,038	1	-	-	128	5,013
Small Business Lighting Program FCR 4 4 4 4 4 5 5 5 5 5		Retrofit - Streetlighting Project	FCR	-	-	-	-	-		-	-	-	-	-	-	-
Instant Discount Program FCR F			FCR	-	4	-	-	-	41	-	-	-	-	-	-	46
Energy Manager																-
Coupons Program FCR			FCR													-
HRZ Total FRZ		Smart Themostats	FCR													-
PRZ Audit Funding Program FCR - 83 - 6		Coupons Program	FCR									1				1
Business Refrigeration Incentives Program	HRZ Total															6,014
Business Refrigeration Incentives Program	PRZ	Audit Funding Program	FCR	-	83	-	-	-	6	-	-	-	-	-	-	89
Heating and Cooling Program			FCR	-		-	-	-		-	-	-	-	-	-	-
High Performance New Construction Program			FCR	-	-	-	-	-	-	-	-	134	-	-	-	134
Home Assistance Program			FCR	-	1,161	-	-	-	1	599	-	-	-	-	-	1,762
Residential New Construction FCR			FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential New Construction FCR			FCR	-	45	-	-	-	-	-	-	-	-	-		45
Retrofit			FCR	-	-	-	-	-	-	-	-	-	-	-	-	-
P4P				-	2,463	-	-	-	71	-	-	-	-	-	-	2,534
Retrofit - Streetlighting Project FCR -				-		-	-	-		-	-	-	5	-	4	8,576
Small Business Lighting Program FCR - 64 - - 1 -		Retrofit - Streetlighting Project		-	-	-	-	-		-	-	-	-	-	-	-
Social Benchmarking Program - OPower FCR				-	64	-	-	-	1	-	-	-	-	-	-	65
Social Benchmarking Program - Simple Energy FCR - - - - 493 - - - Instant Discount Program FCR -				-		-	-	-		-	-	-	-	-	-	-
Instant Discount Program FCR Energy Manager FCR Smart Themostats FCR Coupons Program FCR PRZ Total 3												493				493
Energy Manager FCR Smart Themostats FCR Cupons Program FCR 3 PRZ Total 3																-
Smart Themostats FCR Coupons Program FCR 3 PRZ Total PRZ Total 3																-
Coupons Program FCR 3 PRZ Total 3																
PRZ Total												3				3
	PRZ Total															13,700
I OTAI MOST. MARTICIPATION AND COST REPORT		Participation and Cost Report														34,700

Table 3 GRZ Energy Savings Breakdown- Participation and Cost Report								
Sum of Net Energy								
			GS 1000 -					
Rate Zone	Program Name	Funding Mechanism	4999 kW	Residential	GS<50 kW	GS 50 - 999 kW	Large Use	Grand Total
GRZ	Heating and Cooling Program	FCR		547,897	11,182			559,079
	Instant Discount Program	FCR		1,619,123				1,619,123
	Retrofit	FCR	6,547,519		503,655	6,043,863	3,525,587	16,620,624
	Small Business Lighting Program	FCR			385,450	16,220		401,671
	Smart Thermostat Program	FCR		155,650				155,650
GRZ Total			6,547,519	2,322,670	900,287	6,060,084	3,525,587	19,356,146
Grand Total			6,547,519	2,322,670	900,287	6,060,084	3,525,587	19,356,146

Table 4 GRZ Demand Savings Breakdown- Participation and Cost Report

	Sum	of	Net	Demand
--	-----	----	-----	--------

Rate Zone	Program Name	Funding Mechanism	1 S 1000 - 4999 k\ Residential	GS<50 kW	GS 50 - 999 kW	Large Use	Grand Total
GRZ	Heating and Cooling Program	FCR					
	Instant Discount Program	FCR					
	Retrofit	FCR	881	68	813	474	2,236
	Small Business Lighting Program	FCR		153	6		160
	Smart Thermostat Program	FCR					
GRZ Total			881	221	820	474	2,396
Grand Total			881	221	820	474	2,396

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 43

ATTACHMENT 43 INDECO STRATEGIC CONSULTING INC. LRAM REVIEW LETTER













IndEco Strategic Consulting Inc.

300 - 192 Spadina Ave. Toronto, ON Canada M5T 2C2

888 463 3261

indeco.com

August 7, 2020

Indy Butany-DeSouza Alectra Utilities 2185 Derry Rd. W. Mississauga, ON, L5N 7A6

Dear Mrs Butany-DeSouza,

Alectra Utilities engaged IndEco Strategic Consulting to review the Alectra Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) work forms to be submitted as part of your 2021 rates application to the Ontario Energy Board (OEB).

I have reviewed the workforms for the five rate zones for compliance with OEB expectations, as provided in the LRAMVA Guidance document, the instructions on the OEB's workform template, the 2021 Chapter 3 filing requirements, and methodologies previously approved by the OEB. My review focused on the following items:

- Consistency of values reported with IESO final evaluation reports and the April 2019 Participation and Costs report
- Consistency with OEB approved rates, LRAMVA thresholds and interest rates for carrying charges
- The methodology and sources adopted by Alectra to address savings realized subsequent to the April 2019 Participation and Costs report
- The way that the workform addresses projects not adequately addressed by the IESO reports, including street lighting projects and combined heat and power projects
- The allocation of savings across rate zones and rate classes
- The accuracy of the calculations undertaken within the workform and in the documents used to support the workform.

Where I have identified issues, these have been addressed by Alectra Utilities, and I am confident the final LRAMVA workforms meet Ontario Energy Board requirements for LRAMVA claims.



Indy Butany-DeSouza August 7, 2020 Page 2 of 2 Should you have any questions about this review, please do not hesitate to contact me.

Sincerely,

David Heeney CEO & Founder

416 204-0356

dheeney@indeco.com

EB-2020-0002
Alectra Utilities Corporation
2021 EDR Application
Exhibit 4
Tab 1
Schedule 1
Attachment 44

ATTACHMENT 44 IRM CHECKLIST

Date: August 17, 2020

2021 IRM Checklist

Alectra Utilities Corporation EB-2020-0002

Filing Requirement Page # Reference

rage # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		
3.1.2 Components of the Application Filing		
3	Manager's summary documenting and explain all rate adjustments requested	Exhibit 3, Tab 1, Schedule 1 pp. 1-7
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Exhibit 1, Tab 1, Schedule 2, p. 3
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Exhibit 4, Tab 1, Schedule 1, Attach 1-43
4	Current tariff sheet, PDF	Exhibit 4, Tab 1, Schedule 1, Attach 8-12
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Exhibit 3, Tab 1, Schedule 1
4	Statement as to who will be affected by the application, specific customer groups affected by particular request	Exhibit 3, Tab 1, Schedule 1 p.1
4	Applicant's internet address	Exhibit 1, Tab 1, Schedule 2, p. 3
4	Statement confirming accuracy of billing determinants pre-populated in model	Exhibit 3, Tab 1, Schedule 7, pp. 6, 16, 26, 35, 44
4	Text searchable PDF format for all documents	Yes
4	An Excel version of the IRM Checklist	Exhibit 4, Tab 1, Attach 44
3.1.3 Applications and Electronic Models		
5	Populated GA Analysis Workform	Exhibit 4, Tab 1, Attach 24-28
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	N/A
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	Exhibit 4, Tab 1, Attach 2, 5
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	Exhibit 4, Tab 1, Attach 35-39
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub- accounts	Exhibit 4, Tab 1, Attach 29-31
3.2.2 Revenue to Cost Ratio Adjustments		
7	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	N/A
3.2.3 Rate Design for Residential Electricity Customers		
Residential Rate Design - Exceptions and Mitigation (applicable only to	distributors that have not completed the rate design transition)	
Residential Rate Design - Exceptions and Miligation (applicable only to	institutions that have not completed the rate design translation) If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th	
7		N1/A
1	percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not	N/A
	required	NI/A
7	Mitigation plan if total bill increases for any customer class exceed 10%	N/A
3.2.4 Electricity Distribution Retail Transmission Service Rates	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	
3.2.5 Review and Disposition of Group 1 DVA Balances		ALIA
9	Justification if any account balance in excess of the threshold should not be disposed	N/A
10	Completed tab 3 - continuity schedule in Rate Generator Model	Yes
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Exhibit 3, Tab 1, Schedule 7, pp. 6, 16, 26, 35, 44
	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis	
10 - 11	If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled	Exhibit 3, Tab 1, Schedule 8
	"Adjustments to Deferral and Variance Accounts	
11	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	Exhibit 3, Tab 1, Schedule 7, pp. 11, 21, 31, 40, 49
12	GA rate riders calculated on an energy basis (kWh)	Exhibit 3, Tab 1, Schedule 7, pp. 11, 21, 31, 40, 49
3.2.5.1 Wholesale Market Participants		
11	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	Exhibit 3, Tab 1, Schedule 7, pp. 11, 21, 31, 40, 49
3.2.5.2 Global Adjustment		
12	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account	Exhibit 3, Tab 1, Schedule 7, pp. 11, 21, 31, 40, 49
12 - 13	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.	Exhibit 4, Tab 1, Attach 24-28
3.2.5.3 Commodity Accounts 1588 and 1589		
13	Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019.	Exhibit 3, Tab 1, Schedule 7, p.1
13 - 14	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb. 21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description of each adjustment made to the historical balances must be provided in the application.	Exhibit 3, Tab 1, Schedule 7, pp. 1-4

Date: August 17, 2020

2021 IRM Checklist

Alectra Utilities Corporation EB-2020-0002

Filing Requirement Page # Reference

		Evidence Reference, Notes
IRM REQUIREMENTS		
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Exhibit 1, Tab 1, Schedule 3
3.2.5.4 Capacity Based Recovery (CBR)		
15	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated. - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. - The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	Exhibit 4, Tab 1, Schedule 1, Attach 14-18, Tab 6.2, 6.2 a Exhibit 3, Tab 1, Schedule 7, pp. 8, 18, 28, 37, 46
3.2.6 Lost Revenue Adjustment Mechanism Variance Account	ENAMINA - disposition or parance. Distributors must provide version 3 or ENAMINA Work Form in a working Excernie when	
16 - 21	making LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following: - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings	Exhibit 3, Tab 1, Schedule 10 Exhibit 4, Tab 1, Schedule 1, Attach 35-43
3.2.7 Tax Changes 21	If applicable, tabs 8 and 9 of Rate Generator Model complete	N/A
21	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	N/A
3.2.8 Z-Factor Claims, Pg. 20-21		
23	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report In addition distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file) - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk	N/A N/A
3.2.8.2 Z-Factor Accounting Treatment		

2021 IRM Checklist

Alectra Utilities Corporation EB-2020-0002

Filing Requirement Page # Reference		Date: August 17, 2020
. age // Note to local		Evidence Reference, Notes
IRM REQUIREMENTS		
23	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	N/A
23	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	N/A
3.2.8.3 Recovery of Z-Factor Costs		
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	N/A
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	N/A
24	Residential rider on fixed basis	N/A
24	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	N/A
3.3.1 Advanced Capital Module		N/A
25	Evidence of passing "Means Test"	N/A
25	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	N/A
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	N/A
25	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	N/A
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	
27	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	Exhibit 2, Tab 1, Schedule 1, pp. 1-2, 11-12
27	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	Exhibit 2, Tab 1, Schedule 1, pp. 5-8, 14-15 Exhibit 4, Tab 1, Schedule 1, Attach 3, 6
27	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	Exhibit 2, Tab 1, Schedule 1, pp. 5-8, 14-15 Exhibit 4, Tab 1, Schedule 1, Attach 3, 6
27 - 28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	Exhibit 2, Tab 1, Schedule 1, pp. 1, 4, 13
28	Details by project for the proposed capital spending plan for the expected in-service year	Exhibit 4, Tab 1, Schedule 1 Attach 4, 7
28	Description of the proposed capital projects and expected in-service dates	Exhibit 4, Tab 1, Schedule 1 Attach 3, 6
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	Exhibit 4, Tab 1, Schedule 1 Attach 2, 5
28	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	Exhibit 4, Tab 1, Schedule 1 Attach 2, 5
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	Exhibit 4, Tab 1, Schedule 1 Attach 3, 6
28	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	Exhibit 2, Tab 1, Schedule 1, pp. 10, 17 Exhibit 4, Tab 1, Schedule 1, Attach 2, 5
3.3.5 Off-Ramps		
33 - 34	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	N/A
Appendix A		
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	Confirmed
Appendix A & Page 5	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	Exhibit 4, Tab 1, Schedule 1 Attach 29-31
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	N/A