

**ATTACHMENT 1 – 2018 PROPOSED TARIFF OF RATES AND CHARGES\_HRZ**

# ALECTRA Utilities (Horizon Rate Zone)

## TARIFF OF RATES AND CHARGES

**Effective Date January 1, 2018**  
**Implementation Date May 1, 2018**

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

EB-2017-0024

## RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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. All customers are single-phase. 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 Debt Retirement Charge, the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	23.67
Rate Rider for Smart Metering Entity Charge	\$	0.57
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.16)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	0.09
Distribution Volumetric Rate	\$/kWh	0.0040
Low Voltage Service Rate	\$/kWh	.00006
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable Only for Class B Customers	\$/kWh	(0.00005)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kWh	(0.0006)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0068

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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EB-2017-0024

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified in the Residential Service Classification pages of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

The application of these credits 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.

In this class:

“Indigenous person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator or a kidney dialysis machine;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 18 or over.

### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of more than \$39,000 and no more than \$48,000 living in a household of three persons;

(b) account-holders with a household income of more than \$48,000 and no more than \$52,000 living in a household of five persons;

(c) if the applications are processed pursuant to an agreement with the Minister of Community and Social Services under section 79.2.1 of the Act, account-holders living in any size household where the household income exceeds the maximum amount specified for that household size in any other part of this Schedule;

but does not include account-holders in Class E.

OESP Credit \$ (35.00)

#### Class B

(a) account-holders with a household income of between \$28,000 and \$39,000 living in a household of two persons;

(b) account-holders with a household income of between \$39,000 and \$48,000 living in a household of four persons;

(c) account-holders with a household income of between \$48,000 and \$52,000 living in a household of six persons;

(d) if the applications are processed pursuant to an agreement with the Minister of Community and Social Services under section 79.2.1 of the Act, account-holders living in any size household where the household income exceeds the maximum amount specified for that household size in any other part of this Schedule;

but does not include account-holders in Class G.

OESP Credit \$ (40.00)

#### Class C

(a) account-holders with a household income of \$28,000 or less living in a household of two or less persons;

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- (b) account-holders with a household income of between \$28,000 and \$39,000 living in a household of three persons;  
(c) account-holders with a household income of between \$39,000 and \$48,000 living in a household of five persons;  
(d) account-holders with a household income of between \$48,000 and \$52,000 living in a household of seven or more persons;  
but does not include account-holders in Class I.

OESP Credit \$ (45.00)

### **Class D**

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;  
(b) account-holders with a household income of between \$28,000 and \$39,000 living in a household of four persons;  
(c) account-holders with a household income of between \$39,000 and \$48,000 living in a household of six persons;  
but does not include account-holders in Class J.

OESP Credit \$ (51.00)

### **Class E**

- (a) account-holders with a household income and household size described under Class A who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (52.00)

### **Class F**

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;  
(b) account-holders with a household income of more than \$28,000 and no more than \$39,000 living in a household of five persons;  
(c) account-holders with a household income of more than \$39,000 and no more than \$48,000 living in a household of seven or more persons;  
but does not include account-holders in Class K.

OESP Credit \$ (57.00)

### **Class G**

- (a) account-holders with a household income and household size described under Class B who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

### **Class H**

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons;  
(b) account-holders with a household income of between \$28,000 and \$39,000 living in a household of six persons;  
but does not include account-holders in Class L.

OESP Credit \$ (63.00)

### **Class I**

- (a) account-holders with a household income and household size described under Class C who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (68.00)

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**Class J**

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons, other than account-holders who also meet the requirements of Class M,  
 (b) account-holders with a household income of more than \$28,000 and no more than \$39,000 living in a household of seven or more persons, other than account-holders who also meet the requirements of Class M, and  
 (c) account-holders with a household income and household size described under Class D who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Class K**

- (a) account-holders with a household income and household size described under Class F who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (83.00)

**Class L**

- (a) account-holders with a household income and household size described under Class H who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (90.00)

**Class M**

- (a) account-holders with a household income and household size described under subparagraph (a) or (b) of the description of Class J who also meet any of the following requirements:

- I. The dwelling to which the account relates is heated primarily by electricity.
- II. The account-holder or any member of the account holder's family living within the household is an Indigenous person.
- III. The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (113.00)

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EB-2017-0024

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	41.23
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.25)
Rate Rider for Smart Metering Entity Charge	\$	0.57
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	(0.10)
Distribution Volumetric Rate	\$/kWh	0.0107
Low Voltage Service Rate	\$/kWh	0.00006
Rate Rider for 2016 Earnings Sharing – Variable	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable Only for Class B Customers	\$/kWh	(0.00005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kWh	(0.0005)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0061

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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## TARIFF OF RATES AND CHARGES

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EB-2017-0024

## GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 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.

The rate riders for the disposition of Capacity Based Recovery are not applicable to Wholesale Market Participants (WMPs) or to customers that were in Class A for the entire variance account accumulation period. Customers that transitioned between Class A and Class B during the variance account accumulation period are to be charged or refunded their share of the variance disposed through a separate rate rider. These rate riders are to be consistently applied for the entire period to the sunset date of the rate riders.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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 Debt Retirement Charge, the Global Adjustment, and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	379.58
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(2.27)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	0.74
Distribution Volumetric Rate	\$/kW	2.5568
Low Voltage Service Rate	\$/kW	0.02169
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0153)

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Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kW	(0.01730)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.0575
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	0.1080
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3086)
Retail Transmission Rate – Network Service Rate	\$/kW	2.5869
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.4536

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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## LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes 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.

The rate rider for the disposition of Capacity Based Recovery is not applicable to Wholesale Market Participants (WMP), or to customers that were in Class A for the entire variance account accumulation period. 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.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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 Debt Retirement Charge, the Global Adjustment, and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	23,722.43
Rate Rider for 2016 Earnings Sharing – Fixed	\$	(142.57)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	(55.44)
Distribution Volumetric Rate	\$/kW	1.3996
Low Voltage Service Rate	\$/kW	0.02492
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0084)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable Only for Class B Customers	\$/kW	(0.02611)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until		

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April 30, 2019	\$/kW	EB-2017-0024 0.2338
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	0.1418
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4569)
Retail Transmission Rate – Network Service Rate	\$/kW	2.9551
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.8195

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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## LARGE USE WITH DEDICATED ASSETS SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW and using dedicated assets. 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.

The rate rider for the disposition of Capacity Based Recovery is not applicable to Wholesale Market Participants (WMP), or to customers that were in Class A for the entire variance account accumulation period. 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.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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 Debt Retirement Charge, the Global Adjustment, and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5,610.66
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(33.55)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	12.09
Distribution Volumetric Rate	\$/kW	0.3310
Low Voltage Service Rate	\$/kW	0.02492
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0020)

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Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.0049
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	0.1635
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3761)
Retail Transmission Rate – Network Service Rate	\$/kW	2.9551
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.8195

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	8.43
Rate Rider for 2016 Earnings Sharing – Fixed	\$	(0.05)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	(0.04)
Distribution Volumetric Rate	\$/kWh	0.0131
Low Voltage Service Rate	\$/kWh	0.00006
Rate Rider for 2016 Earnings Sharing - Variable	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable Only for Class B Customers	\$/kWh	(0.00005)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kWh	(0.0005)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0062

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# ALECTRA Utilities (Horizon Rate Zone)

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2018

Implementation Date May 1, 2018

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

EB-2017-0024

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential, General Service or Large Use customer. This is typically exterior lighting, and often unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. 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 Debt Retirement Charge, the Global Adjustment, and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	5.49
Rate Rider for 2016 Earnings Sharing – Fixed	\$	(0.03)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$	0.01
Distribution Volumetric Rate	\$/kW	15.0521
Low Voltage Service Rate	\$/kW	0.01745
Rate Rider for 2016 Earnings Sharing – Variable	\$/kW	(0.0900)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable Only for Class B Customers	\$/kW	(0.01737)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	(0.1968)
Retail Transmission Rate – Network Service Rate	\$/kW	2.1496
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9743

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# ALECTRA Utilities (Horizon Rate Zone)

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2018

Implementation Date May 1, 2018

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

EB-2017-0024

### STREET LIGHTING SERVICE CLASSIFICATION

All service supplied to roadway lighting equipment owned by or operated by the City of Brampton, Regional Municipality of Peel, or the Ministry of Transportation, controlled by photo cells. The consumption for these customers will be 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	2.00
Rate Rider for 2016 Earnings Sharing – Fixed	\$	(0.01)
Rate Rider for Recovery of 2018 Foregone Revenue – effective until December 31, 2018	\$/kW	(0.10)
Distribution Volumetric Rate	\$/kW	5.3158
Low Voltage Service Rate	\$/kW	0.01702
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0343)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019		
Applicable Only for Class B Customers	\$/kW	(0.01726)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.7614
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	(0.1955)
Retail Transmission Rate – Network Service Rate	\$/kW	2.0364
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9249

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# **ALECTRA Utilities (Horizon Rate Zone)**

## **TARIFF OF RATES AND CHARGES**

**Effective Date January 1, 2018**

**Implementation Date May 1, 2018**

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

EB-2017-0024

### **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 Debt Retirement Charge, the Global Adjustment and the HST.

#### **MONTHLY RATES AND CHARGES – Delivery Component - APPROVED ON AN INTERIM BASIS**

GS>50 Standby Charge	\$/kW	2.5568
Large Use Standby Charge	\$/kW	1.3996
Large Use with Dedicated Assets Standby Charge	\$/kW	0.331



# ALECTRA Utilities (Horizon Rate Zone)

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2018

Implementation Date May 1, 2018

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

EB-2017-0024

### 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 Debt Retirement Charge, the Global Adjustment, and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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### ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.0073)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

# ALECTRA Utilities (Horizon Rate Zone)

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2018

Implementation Date May 1, 2018

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

EB-2017-0024

## 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 Debt Retirement Charge, the Global Adjustment and the HST.

#### Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for Other Billing Information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Notification Change	\$	15.00
Account History	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal Letter Charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Credit card convenience charge	\$	15.00
Credit Check (plus credit agency costs)	\$	15.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00

#### Other

Service call – customer owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Temporary service – installs and remove – overhead - no transformer	\$	500.00
Temporary services – install and remove – underground – no transformer	\$	300.00

# ALECTRA Utilities (Horizon Rate Zone)

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2018

Implementation Date May 1, 2018

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

EB-2017-0024

Temporary service – install and remove – overhead – with transformer	\$	1,000.00
Specific Charge for Access to the Power Poles – \$/per pole/year (with the exception of wireless attachments)	\$	22.35
Administrative Billing Charge	\$	150.00

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

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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 Debt Retirement Charge, 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	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
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)	\$	2.00

## 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	1.0379
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0160
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0276
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0060

**ATTACHMENT 2 – REVENUE REQUIREMENT WORK FORM\_HRZ**



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers



Version 7.02

Utility Name	Horizon Utilities Corporation
Service Territory	Hamilton & St. Catharines
Assigned EB Number	EB-2016-0075
Name and Title	Indy Butany-DeSouza
Phone Number	905-317-4765
Email Address	<a href="mailto:indy.butany@horizonutilities.com">indy.butany@horizonutilities.com</a>

The RRWF has been enhanced commencing with 2017 rate applications to provide estimated base distribution rates. The enhanced RRWF is not intended to replace a utility's formal rate generator model which should continue to be the source of the proposed rates as well as the final ones at the conclusion of the proceeding. The load forecasting addition made to this model is intended to be demonstrative only and does not replace the information filed in the utility's application. In an effort to minimize the incremental work required from utilities, the cost allocation and rate design additions to this model do in fact replace former appendices that were required to be filed as part of the cost of service (Chapter 2) filing requirements.

***This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.***

***While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.***



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

[1. Info](#)

[2. Table of Contents](#)

[3. Data Input Sheet](#)

[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

[9. Rev Reqt](#)

[10. Load Forecast](#)

[11. Cost Allocation](#)

[12. Residential Rate Design](#)

[13. Rate Design and Revenue Reconciliation](#)

[14. Tracking Sheet](#)

## Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) ***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***
- (5) ***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.***



# Revenue Requirement Workform (RRWF) for 2017 Filers

Data Input <sup>(1)</sup>

	Initial Application	(2)	Adjustments	Technical Conference	(6)	Adjustments	Per Board Decision
<b>1 Rate Base</b>							
Gross Fixed Assets (average)	\$604,017,642			\$ 604,017,642			\$604,017,642
Accumulated Depreciation (average)	(\$150,106,770)	(5)		(\$150,106,770)			(\$150,106,770)
<b>Allowance for Working Capital:</b>							
Controllable Expenses	\$62,636,457			\$ 62,636,457			\$62,636,457
Cost of Power	\$565,995,358			\$ 565,995,358		\$ -	\$565,995,358
Working Capital Rate (%)	12.00%	(9)		12.00%	(9)		12.00% (9)
<b>2 Utility Income</b>							
Operating Revenues:							
Distribution Revenue at Current Rates	\$115,455,860		\$0	\$115,455,860		\$0	\$115,455,860
Distribution Revenue at Proposed Rates	\$114,884,932		\$0	\$114,884,932		\$0	\$114,884,932
<b>Other Revenue:</b>							
Specific Service Charges	\$756,290		\$0	\$756,290		\$0	\$756,290
Late Payment Charges	\$875,000		\$0	\$875,000		\$0	\$875,000
Other Distribution Revenue							
Other Income and Deductions	\$4,234,909		\$0	\$4,234,909		\$0	\$4,234,909
Total Revenue Offsets	\$5,866,199	(7)	\$0	\$5,866,199		\$0	\$5,866,199
<b>Operating Expenses:</b>							
OM+A Expenses	\$62,322,555			\$ 62,322,555			\$62,322,555
Depreciation/Amortization	\$24,667,457			\$ 24,667,457			\$24,667,457
Property taxes	\$313,902			\$ 313,902			\$313,902
Other expenses							
<b>3 Taxes/PILs</b>							
Taxable Income:							
	(\$9,552,657)	(3)		(\$9,552,657)			(\$9,552,657)
Adjustments required to arrive at taxable income							
<b>Utility Income Taxes and Rates:</b>							
Income taxes (not grossed up)	\$2,328,513			\$2,328,513			\$2,328,513
Income taxes (grossed up)	\$3,168,045			\$3,168,045			\$3,168,045
Federal tax (%)	15.00%			15.00%			15.00%
Provincial tax (%)	11.50%			11.50%			11.50%
Income Tax Credits	(\$190,000)			(\$190,000)			(\$190,000)
<b>4 Capitalization/Cost of Capital</b>							
<b>Capital Structure:</b>							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			56.0%
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		4.0% (8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			40.0%
Preferred Shares Capitalization Ratio (%)	0.0%			0.0%			0.0%
	100.0%			100.0%			100.0%
<b>Cost of Capital</b>							
Long-term debt Cost Rate (%)	3.62%			3.62%			3.62%
Short-term debt Cost Rate (%)	2.29%			2.29%			2.29%
Common Equity Cost Rate (%)	9.00%			9.00%			9.00%
Preferred Shares Cost Rate (%)	0.00%						

## Notes:

**General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.

(1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)

(2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.

(7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement

(8) 4.0% unless an Applicant has proposed or been approved for another amount.

(9) The default Working Capital Allowance factor is 7.5% (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, a WCA factor based on lead-lag study, with supporting rationale could be provided.



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Rate Base and Working Capital

Line No.	Particulars	Initial Application	Adjustments	Technical Conference	Adjustments	Per Board Decision
1	Gross Fixed Assets (average) <sup>(2)</sup>	\$604,017,642	\$ -	\$604,017,642	\$ -	\$604,017,642
2	Accumulated Depreciation (average) <sup>(2)</sup>	(\$150,106,770)	\$ -	(\$150,106,770)	\$ -	(\$150,106,770)
3	Net Fixed Assets (average) <sup>(2)</sup>	\$453,910,872	\$ -	\$453,910,872	\$ -	\$453,910,872
4	Allowance for Working Capital <sup>(1)</sup>	\$75,435,818	\$ -	\$75,435,818	\$ -	\$75,435,818
5	<b>Total Rate Base</b>	<b>\$529,346,690</b>	<b>\$ -</b>	<b>\$529,346,690</b>	<b>\$ -</b>	<b>\$529,346,690</b>

### (1) Allowance for Working Capital - Derivation

6	Controllable Expenses	\$62,636,457	\$ -	\$62,636,457	\$ -	\$62,636,457
7	Cost of Power	\$565,995,358	\$ -	\$565,995,358	\$ -	\$565,995,358
8	Working Capital Base	\$628,631,815	\$ -	\$628,631,815	\$ -	\$628,631,815
9	Working Capital Rate % <sup>(1)</sup>	12.00%	0.00%	12.00%	0.00%	12.00%
10	Working Capital Allowance	\$75,435,818	\$ -	\$75,435,818	\$ -	\$75,435,818

#### Notes

<sup>(1)</sup> Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2017 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

<sup>(2)</sup> Average of opening and closing balances for the year.





Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Utility Income

Line No.	Particulars	Initial Application	Adjustments	Technical Conference	Adjustments	Per Board Decision
<b>Operating Revenues:</b>						
1	Distribution Revenue (at Proposed Rates)	\$114,884,932	\$ -	\$114,884,932	\$ -	\$114,884,932
2	Other Revenue <sup>(1)</sup>	\$5,866,199	\$ -	\$5,866,199	\$ -	\$5,866,199
3	Total Operating Revenues	\$120,751,131	\$ -	\$120,751,131	\$ -	\$120,751,131
<b>Operating Expenses:</b>						
4	OM+A Expenses	\$62,322,555	\$ -	\$62,322,555	\$ -	\$62,322,555
5	Depreciation/Amortization	\$24,667,457	\$ -	\$24,667,457	\$ -	\$24,667,457
6	Property taxes	\$313,902	\$ -	\$313,902	\$ -	\$313,902
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$87,303,914	\$ -	\$87,303,914	\$ -	\$87,303,914
10	Deemed Interest Expense	\$11,222,691	\$ -	\$11,222,691	\$ -	\$11,222,691
11	Total Expenses (lines 9 to 10)	\$98,526,605	\$ -	\$98,526,605	\$ -	\$98,526,605
12	Utility income before income taxes	\$22,224,526	\$ -	\$22,224,526	\$ -	\$22,224,526
13	Income taxes (grossed-up)	\$3,168,045	\$ -	\$3,168,045	\$ -	\$3,168,045
14	Utility net income	\$19,056,481	\$ -	\$19,056,481	\$ -	\$19,056,481

### Notes

#### Other Revenues / Revenue Offsets

<sup>(1)</sup>	Specific Service Charges	\$756,290	\$ -	\$756,290	\$ -	\$756,290
	Late Payment Charges	\$875,000	\$ -	\$875,000	\$ -	\$875,000
	Other Distribution Revenue	\$ -	\$ -	\$ -	\$ -	\$ -
	Other Income and Deductions	\$4,234,909	\$ -	\$4,234,909	\$ -	\$4,234,909
	Total Revenue Offsets	\$5,866,199	\$ -	\$5,866,199	\$ -	\$5,866,199



# Revenue Requirement Workform (RRWF) for 2017 Filers

## Taxes/PILs

Line No.	Particulars	Application	Technical Conference	Per Board Decision
<b><u>Determination of Taxable Income</u></b>				
1	Utility net income before taxes	\$19,056,481	\$19,056,481	\$19,056,481
2	Adjustments required to arrive at taxable utility income	(\$9,552,657)	(\$9,552,657)	(\$9,552,657)
3	Taxable income	<u>\$9,503,824</u>	<u>\$9,503,824</u>	<u>\$9,503,824</u>
<b><u>Calculation of Utility Income Taxes</u></b>				
4	Income taxes	<u>\$2,328,513</u>	<u>\$2,328,513</u>	<u>\$2,328,513</u>
6	Total taxes	<u>\$2,328,513</u>	<u>\$2,328,513</u>	<u>\$2,328,513</u>
7	Gross-up of Income Taxes	<u>\$839,532</u>	<u>\$839,532</u>	<u>\$839,532</u>
8	Grossed-up Income Taxes	<u>\$3,168,045</u>	<u>\$3,168,045</u>	<u>\$3,168,045</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$3,168,045</u>	<u>\$3,168,045</u>	<u>\$3,168,045</u>
10	Other tax Credits	(\$190,000)	(\$190,000)	(\$190,000)
<b><u>Tax Rates</u></b>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%
13	Total tax rate (%)	<u>26.50%</u>	<u>26.50%</u>	<u>26.50%</u>

## Notes



# Revenue Requirement Workform (RRWF) for 2017 Filers

## Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$296,434,147	3.62%	\$10,737,810
2	Short-term Debt	4.00%	\$21,173,868	2.29%	\$484,882
3	Total Debt	60.00%	\$317,608,014	3.53%	\$11,222,691
	Equity				
4	Common Equity	40.00%	\$211,738,676	9.00%	\$19,056,481
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$211,738,676	9.00%	\$19,056,481
7	Total	100.00%	\$529,346,690	5.72%	\$30,279,172
		Technical Conference			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$296,434,147	3.62%	\$10,737,810
2	Short-term Debt	4.00%	\$21,173,868	2.29%	\$484,882
3	Total Debt	60.00%	\$317,608,014	3.53%	\$11,222,691
	Equity				
4	Common Equity	40.00%	\$211,738,676	9.00%	\$19,056,481
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$211,738,676	9.00%	\$19,056,481
7	Total	100.00%	\$529,346,690	5.72%	\$30,279,172
		Per Board Decision			
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$296,434,147	3.62%	\$10,737,810
9	Short-term Debt	4.00%	\$21,173,868	2.29%	\$484,882
10	Total Debt	60.00%	\$317,608,014	3.53%	\$11,222,691
	Equity				
11	Common Equity	40.00%	\$211,738,676	9.00%	\$19,056,481
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$211,738,676	9.00%	\$19,056,481
14	Total	100.00%	\$529,346,690	5.72%	\$30,279,172

### Notes



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Technical Conference		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		(\$570,927)		(\$570,927)		(\$570,927)
2	Distribution Revenue	\$115,455,860	\$115,455,860	\$115,455,860	\$115,455,859	\$115,455,860	\$115,455,860
3	Other Operating Revenue Offsets - net	\$5,866,199	\$5,866,199	\$5,866,199	\$5,866,199	\$5,866,199	\$5,866,199
4	<b>Total Revenue</b>	<b>\$121,322,058</b>	<b>\$120,751,131</b>	<b>\$121,322,058</b>	<b>\$120,751,131</b>	<b>\$121,322,058</b>	<b>\$120,751,131</b>
5	Operating Expenses	\$87,303,914	\$87,303,914	\$87,303,914	\$87,303,914	\$87,303,914	\$87,303,914
6	Deemed Interest Expense	\$11,222,691	\$11,222,691	\$11,222,691	\$11,222,691	\$11,222,691	\$11,222,691
8	<b>Total Cost and Expenses</b>	<b>\$98,526,605</b>	<b>\$98,526,605</b>	<b>\$98,526,605</b>	<b>\$98,526,605</b>	<b>\$98,526,605</b>	<b>\$98,526,605</b>
9	<b>Utility Income Before Income Taxes</b>	<b>\$22,795,453</b>	<b>\$22,224,526</b>	<b>\$22,795,453</b>	<b>\$22,224,526</b>	<b>\$22,795,453</b>	<b>\$22,224,526</b>
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$9,552,657)	(\$9,552,657)	(\$9,552,657)	(\$9,552,657)	(\$9,552,657)	(\$9,552,657)
11	<b>Taxable Income</b>	<b>\$13,242,796</b>	<b>\$12,671,869</b>	<b>\$13,242,797</b>	<b>\$12,671,870</b>	<b>\$13,242,796</b>	<b>\$12,671,869</b>
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	\$3,509,341	\$3,358,045	\$3,509,341	\$3,358,045	\$3,509,341	\$3,358,045
14	<b>Income Tax Credits</b>	<b>(\$190,000)</b>	<b>(\$190,000)</b>	<b>(\$190,000)</b>	<b>(\$190,000)</b>	<b>(\$190,000)</b>	<b>(\$190,000)</b>
15	<b>Utility Net Income</b>	<b>\$19,476,112</b>	<b>\$19,056,481</b>	<b>\$19,476,112</b>	<b>\$19,056,481</b>	<b>\$19,476,112</b>	<b>\$19,056,481</b>
16	<b>Utility Rate Base</b>	<b>\$529,346,690</b>	<b>\$529,346,690</b>	<b>\$529,346,690</b>	<b>\$529,346,690</b>	<b>\$529,346,690</b>	<b>\$529,346,690</b>
17	Deemed Equity Portion of Rate Base	\$211,738,676	\$211,738,676	\$211,738,676	\$211,738,676	\$211,738,676	\$211,738,676
18	Income/(Equity Portion of Rate Base)	9.20%	9.00%	9.20%	9.00%	9.20%	9.00%
19	Target Return - Equity on Rate Base	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
20	Deficiency/Sufficiency in Return on Equity	0.20%	0.00%	0.20%	0.00%	0.20%	0.00%
21	Indicated Rate of Return	5.80%	5.72%	5.80%	5.72%	5.80%	5.72%
22	Requested Rate of Return on Rate Base	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%
23	Deficiency/Sufficiency in Rate of Return	0.08%	0.00%	0.08%	0.00%	0.08%	0.00%
24	Target Return on Equity	\$19,056,481	\$19,056,481	\$19,056,481	\$19,056,481	\$19,056,481	\$19,056,481
25	Revenue Deficiency/(Sufficiency)	(\$419,631)	\$0	(\$419,631)	\$0	(\$419,631)	\$0
26	<b>Gross Revenue Deficiency/(Sufficiency)</b>	<b>(\$570,927) <sup>(1)</sup></b>		<b>(\$570,927) <sup>(1)</sup></b>		<b>(\$570,927) <sup>(1)</sup></b>	

### Notes:

<sup>(1)</sup> Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



# Revenue Requirement Workform (RRWF) for 2017 Filers

## Revenue Requirement

Line No.	Particulars	Application	Technical Conference	Per Board Decision
1	OM&A Expenses	\$62,322,555	\$62,322,555	\$62,322,555
2	Amortization/Depreciation	\$24,667,457	\$24,667,457	\$24,667,457
3	Property Taxes	\$313,902	\$313,902	\$313,902
5	Income Taxes (Grossed up)	\$3,168,045	\$3,168,045	\$3,168,045
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$11,222,691	\$11,222,691	\$11,222,691
	Return on Deemed Equity	\$19,056,481	\$19,056,481	\$19,056,481
8	<b>Service Revenue Requirement (before Revenues)</b>	<u>\$120,751,131</u>	<u>\$120,751,131</u>	<u>\$120,751,131</u>
9	Revenue Offsets	\$5,866,199	\$5,866,199	\$5,866,199
10	<b>Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)</b>	<u>\$114,884,932</u>	<u>\$114,884,932</u>	<u>\$114,884,932</u>
11	Distribution revenue	\$114,884,932	\$114,884,932	\$114,884,932
12	Other revenue	\$5,866,199	\$5,866,199	\$5,866,199
13	<b>Total revenue</b>	<u>\$120,751,131</u>	<u>\$120,751,131</u>	<u>\$120,751,131</u>
14	<b>Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)</b>	<u>\$ -</u> <sup>(1)</sup>	<u>\$ -</u> <sup>(1)</sup>	<u>\$ -</u> <sup>(1)</sup>

## Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application	Technical Conference	Δ% <sup>(2)</sup>	Per Board Decision	Δ% <sup>(2)</sup>
<b>Service Revenue Requirement</b>	\$120,751,131	\$120,751,131	\$0	\$120,751,131	(\$1)
<b>Grossed-Up Revenue</b>					
<b>Deficiency/(Sufficiency)</b>	(\$570,927)	(\$570,927)	(\$0)	(\$570,927)	(\$1)
<b>Base Revenue Requirement (to be recovered from Distribution Rates)</b>	\$114,884,932	\$114,884,932	\$0	\$114,884,932	(\$1)
<b>Revenue Deficiency/(Sufficiency) Associated with Base Revenue Requirement</b>	(\$570,927)	(\$570,927)	\$0	(\$570,927)	(\$1)

### Notes

- <sup>(1)</sup> Line 11 - Line 8  
<sup>(2)</sup> Percentage Change Relative to Initial Application



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Load Forecast Summary

This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.

The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in **Appendix 2-I** should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in **Appendix 2-IB** and in Exhibit 3 of the application.

**Appendix 2-IB** is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth and trends from historical actuals to the Bridge and Test Year forecasts.

Stage in Process:

Customer Class		Initial Application			Technical Conference			Per Board Decision		
Input the name of each customer class.		Customer / Connections	kWh	kW/kVA <sup>(1)</sup>	Customer / Connections	kWh	kW/kVA <sup>(1)</sup>	Customer / Connections	kWh	kW/kVA <sup>(1)</sup>
Test Year average or mid-year		Test Year average or mid-year	Annual	Annual	Test Year average or mid-year	Annual	Annual	Test Year average or mid-year	Annual	Annual
1	Residential									
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
Total		-								

Notes:

<sup>(1)</sup> Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Cost Allocation and Rate Design

This spreadsheet replaces **Appendix 2-P** and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process:

### A) Allocated Costs

Name of Customer Class <sup>(3)</sup>	Costs Allocated from Previous Study <sup>(1)</sup>	%	Allocated Class Revenue Requirement <sup>(1)</sup> (7A)	%
From Sheet 10. Load Forecast				
1 Residential				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
<b>Total</b>	\$ -	0.00%	\$ -	0.00%
<b>Allocated Revenue Requirement does not match Base Revenue Requirement from Sheet 9. Check data.</b>		<b>Service Revenue Requirement (from Sheet 9)</b>	<b>\$ 120,751,131.28</b>	

- (1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 - Low Voltage (LV) Costs are also excluded.
- (2) Host Distributors - Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.
- (3) Customer Classes - If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

**B) Calculated Class Revenues**

Name of Customer Class		Load Forecast (LF) X current approved rates (7B)	LF X current approved rates X (1+d) (7C)	LF X Proposed Rates (7D)	Miscellaneous Revenues (7E)
1	Residential				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
<b>Total</b>		\$ -	\$ -	\$ -	\$ -

- (4) In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.
- (5) Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.
- (6) Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.
- (7) Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,



C) Rebalancing Revenue-to-Cost Ratios

Name of Customer Class		Previously Approved Ratios Most Recent Year:	Status Quo Ratios (7C + 7E) / (7A)	Proposed Ratios (7D + 7E) / (7A)	Policy Range
		%	%	%	%
1	Residential				85 - 115
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

- (8) Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.
- (9) Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".
- (10) Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

(D) *Proposed Revenue-to-Cost Ratios* <sup>(11)</sup>

Name of Customer Class		Proposed Revenue-to-Cost Ratio		Policy Range
	Test Year	Price Cap IR Period		
	2017	2018	2019	
1	Residential			85 - 115
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2017 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2018 and 2019 Price Cap IR models, as necessary. For 2018 and 2019, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2017 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.



Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2017 Filers

## New Rate Design Policy For Residential Customers

Please complete the following tables.

### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	-
kWh	-

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ -
--	------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	
Distribution Volumetric Rate (\$/kWh)	

### B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed		-		
Variable		-		
<b>TOTAL</b>	-	-		-

### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years <sup>2</sup>	
--	--

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed			
Variable			
<b>TOTAL</b>		-	

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed				
Variable				
<b>TOTAL</b>	-	\$ -	-	

Checks <sup>3</sup>	
Change in Fixed Rate	
Difference Between Revenues @ Proposed Rates and Class Specific	

### Notes:

- <sup>1</sup> The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- <sup>2</sup> The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- <sup>3</sup> Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

# Revenue Requirement Workform (RRWF) for 2017 Filers

## Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and volumetric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Customer and Load Forecast					Class Allocated Revenues			Fixed / Variable Splits <sup>2</sup>			Distribution Rates				Revenue Reconciliation			
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	KW or KVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable	Transformer Ownership Allowance <sup>1</sup> (\$)	Monthly Service Charge Rate	No. of decimals	Volumetric Rate	No. of decimals	MSC Revenues	Volumetric revenues	Revenues less Transformer Ownership Allowance	
From sheet 10. Load Forecast																		
1 Residential	kWh	-	-	-								2	/kWh	4	\$ -	\$ -	\$ -	
2		-	-	-											\$ -	\$ -	\$ -	
3		-	-	-											\$ -	\$ -	\$ -	
4		-	-	-											\$ -	\$ -	\$ -	
5		-	-	-											\$ -	\$ -	\$ -	
6		-	-	-											\$ -	\$ -	\$ -	
7		-	-	-											\$ -	\$ -	\$ -	
8		-	-	-											\$ -	\$ -	\$ -	
9		-	-	-											\$ -	\$ -	\$ -	
10		-	-	-											\$ -	\$ -	\$ -	
11		-	-	-											\$ -	\$ -	\$ -	
12		-	-	-											\$ -	\$ -	\$ -	
13		-	-	-											\$ -	\$ -	\$ -	
14		-	-	-											\$ -	\$ -	\$ -	
15		-	-	-											\$ -	\$ -	\$ -	
16		-	-	-											\$ -	\$ -	\$ -	
17		-	-	-											\$ -	\$ -	\$ -	
18		-	-	-											\$ -	\$ -	\$ -	
19		-	-	-											\$ -	\$ -	\$ -	
20		-	-	-											\$ -	\$ -	\$ -	
Total Transformer Ownership Allowance										\$ -					Total Distribution Revenues	\$ -		
															Base Revenue Requirement	\$ -		
															Difference	\$ -		
															% Difference			

### Notes:

<sup>1</sup> Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

<sup>2</sup> The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calculated as: [MSC x (average number of customers or connections) x 12 months] / (Class Allocated Revenue Requirement).



Ontario Energy Board

## Revenue Requirement Workform (RRWF) for 2017 Filers

### Tracking Form

The first row shown, labelled "Original Application", summarizes key statistics based on the data inputs into the RRWF. After the original application filing, the applicant provides key changes in capital and operating expenses, load forecasts, cost of capital, etc., as revised through the processing of the application. This could be due to revisions or responses to interrogatories. The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, responses to interrogatories, undertakings, etc.)

Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

<sup>(1)</sup> Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

<sup>(2)</sup> Short description of change, issue, etc.

### Summary of Proposed Changes

Reference <sup>(1)</sup>	Item / Description <sup>(2)</sup>	Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
		Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	Grossed up Revenue Deficiency / Sufficiency
	Original Application	\$ 30,279,172	5.72%	\$ 529,346,690	\$ 628,631,815	\$ 75,435,818	\$ 24,667,457	\$ 3,168,045	\$ 62,322,555	\$ 120,751,131	\$ 5,866,199	\$ 114,884,932	\$ 570,927

**ATTACHMENT 2A – 2018 COST OF POWER CALCULATION\_HRZ**

### 2018 Annual Filing Cost of Power Impact

Category	2018 Draft Rate Order	2018 Custom IR (EB-2014-0002)	Variance	% Variance
Power	\$248,356,618	\$295,596,548	(\$47,239,930)	(15.98%)
Global Adjustment	\$222,871,782	\$190,626,639	\$32,245,144	16.92%
Wholesale Market Services	\$19,230,919	\$28,106,728	(\$8,875,809)	(31.58%)
Network	\$37,946,549	\$40,891,141	(\$2,944,592)	(7.20%)
Connection	\$35,620,266	\$30,814,906	\$4,805,360	15.59%
Low Voltage	\$313,362	\$313,362	\$0	0.00%
Smart Meter Entity	\$1,655,861	\$1,904,499	(\$248,638)	(13.06%)
<b>TOTAL</b>	<b>\$565,995,358</b>	<b>\$588,253,823</b>	<b>(\$22,258,465)</b>	<b>(3.78%)</b>

2018 Cost of Power Expense	
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Rates												
Energy-RPP	January	February	March	April	May	June	July	August	September	October	November	December
Residential	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
GS< 50kW	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
GS 50 to 4,999 kW	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
Large Use	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
Large Use with Dedicated Assets	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
Unmetered Scattered Load	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
Sentinel Lighting	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
Street Lighting	0.08216	0.08216	0.08216	0.08216	0.08347	0.08347	0.08347	0.08347	0.08347	0.08347	0.08481	0.08481
Rates												
Energy-Non-RPP	January	February	March	April	May	June	July	August	September	October	November	December
Residential	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
GS< 50kW	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
GS 50 to 4,999 kW	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
Large Use	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
Large Use with Dedicated Assets	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
Unmetered Scattered Load	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
Sentinel Lighting	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
Street Lighting	0.02281	0.02281	0.02281	0.02281	0.01921	0.01921	0.01921	0.01921	0.01921	0.01921	0.01952	0.01952
Rates												
Global Adjustment	January	February	March	April	May	June	July	August	September	October	November	December
Residential	0.05493	0.05493	0.05493	0.05493	0.05581	0.05581	0.05581	0.05581	0.05581	0.05581	0.05670	0.05670
GS< 50kW	0.05493	0.05493	0.05493	0.05493	0.05581	0.05581	0.05581	0.05581	0.05581	0.05581	0.05670	0.05670
GS 50 to 4,999 kW	0.08767	0.08767	0.08767	0.08767	0.08907	0.08907	0.08907	0.08907	0.08907	0.08907	0.09050	0.09050
Large Use	0.08767	0.08767	0.08767	0.08767	0.08907	0.08907	0.08907	0.08907	0.08907	0.08907	0.09050	0.09050
Large Use with Dedicated Assets	0.08767	0.08767	0.08767	0.08767	0.08907	0.08907	0.08907	0.08907	0.08907	0.08907	0.09050	0.09050
Unmetered Scattered Load	0.08767	0.08767	0.08767	0.08767	0.08907	0.08907	0.08907	0.08907	0.08907	0.08907	0.09050	0.09050
Sentinel Lighting	0.08767	0.08767	0.08767	0.08767	0.08907	0.08907	0.08907	0.08907	0.08907	0.08907	0.09050	0.09050
Street Lighting	0.08767	0.08767	0.08767	0.08767	0.08907	0.08907	0.08907	0.08907	0.08907	0.08907	0.09050	0.09050
Rates</												



		Rates											
Network	January	February	March	April	May	June	July	August	September	October	November	December	
Residential	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	\$ 0.0074	
GS< 50kW	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	\$ 0.0065	
GS 50 to 4,999 kW	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	\$ 2.5869	
Large Use	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	
Large Use with Dedicated Assets	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	\$ 2.9551	
Unmetered Scattered Load	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	\$ 0.0066	
Sentinel Lighting	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	\$ 2.1496	
Street Lighting	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	\$ 2.0364	
		Rates											
Connection	January	February	March	April	May	June	July	August	September	October	November	December	
Residential	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	\$ 0.0068	
GS< 50kW	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	\$ 0.0061	
GS 50 to 4,999 kW	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	\$ 2.4536	
Large Use	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	
Large Use with Dedicated Assets	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	\$ 2.8195	
Unmetered Scattered Load	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	\$ 0.0062	
Sentinel Lighting	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	\$ 1.9743	
Street Lighting	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	\$ 1.9249	
		Rates											
Low Voltage	January	February	March	April	May	June	July	August	September	October	November	December	
Residential	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	
GS< 50kW	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	
GS 50 to 4,999 kW	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	\$ 0.02169	
Large Use	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	
Large Use with Dedicated Assets	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	\$ 0.02492	
Unmetered Scattered Load	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	\$ 0.00006	
Sentinel Lighting	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	\$ 0.01745	
Street Lighting	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	\$ 0.01702	
		Rates											
Smart Meter Entity	January	February	March	April	May	June	July	August	September	October	November	December	
Residential	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	
GS< 50kW	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	\$ 0.57	
GS 50 to 4,999 kW													
Large Use													
Large Use with Dedicated Assets													
Unmetered Scattered Load													
Sentinel Lighting													
Street Lighting													

### 2018 Cost of Power Expense

Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
142,349,936	127,387,723	129,239,804	116,624,626	117,311,477	135,827,224	163,749,637	155,004,545	128,090,998	127,098,712	131,262,432	141,467,350
45,794,233	40,700,856	42,984,670	38,128,405	40,066,217	44,763,572	50,266,094	44,525,605	40,828,945	33,791,594	41,686,638	44,684,051
18,766,197	17,221,648	17,852,526	16,473,647	16,836,945	18,057,208	19,760,786	19,221,443	16,992,604	15,969,489	16,751,258	18,119,504
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
901,619	853,144	857,142	826,314	824,492	1,029,308	1,103,083	878,271	693,070	765,402	962,048	1,066,246
39,867	24,773	34,178	23,434	38,169	31,084	47,516	28,481	28,246	21,357	41,659	33,860
29,287	29,130	24,709	22,827	19,761	17,583	19,167	21,164	24,453	26,369	29,283	32,415
<b>207,881,140</b>	<b>186,217,275</b>	<b>190,993,028</b>	<b>172,099,254</b>	<b>175,097,061</b>	<b>199,725,978</b>	<b>234,946,283</b>	<b>219,679,510</b>	<b>186,658,316</b>	<b>177,672,923</b>	<b>190,733,317</b>	<b>205,403,426</b>
Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
8,253,043	7,385,577	7,492,955	6,761,563	6,801,385	7,874,875	9,493,737	8,986,721	7,426,351	7,368,821	7,610,221	8,201,873
9,687,028	8,609,607	9,092,711	8,065,446	8,475,359	9,469,009	10,632,978	9,418,671	8,636,702	7,148,064	8,818,133	9,452,187
150,756,815	138,348,798	143,416,902	132,339,789	135,258,312	145,061,199	158,746,770	154,413,996	136,508,784	128,289,672	134,569,953	145,561,651
20,767,919	19,041,639	20,908,737	20,490,527	20,667,103	16,642,214	20,739,996	20,611,140	19,380,181	20,515,802	19,710,555	19,735,205
38,136,398	35,019,020	35,082,711	35,184,252	29,735,594	31,008,299	30,462,778	32,724,177	30,207,664	34,191,807	35,674,121	31,610,302
31,348	29,662	29,801	28,729	28,666	35,787	38,352	30,536	24,097	26,612	33,449	37,071
407	253	349	239	389	317	485	291	288	218	425	345
4,038,369	4,016,662	3,407,083	3,147,532	2,724,871	2,424,544	2,642,867	2,918,347	3,371,796	3,635,985	4,037,796	4,469,634
<b>231,671,327</b>	<b>212,451,217</b>	<b>219,431,249</b>	<b>206,018,079</b>	<b>203,691,680</b>	<b>212,516,244</b>	<b>232,757,963</b>	<b>229,103,879</b>	<b>205,555,862</b>	<b>201,176,981</b>	<b>210,454,653</b>	<b>219,068,270</b>
Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
8,253,043	7,385,577	7,492,955	6,761,563	6,801,385	7,874,875	9,493,737	8,986,721	7,426,351	7,368,821	7,610,221	8,201,873
9,687,028	8,609,607	9,092,711	8,065,446	8,475,359	9,469,009	10,632,978	9,418,671	8,636,702	7,148,064	8,818,133	9,452,187
150,756,815	138,348,798	143,416,902	132,339,789	135,258,312	145,061,199	158,746,770	154,413,996	136,508,784	128,289,672	134,569,953	145,561,651
20,767,919	19,041,639	20,908,737	20,490,527	20,667,103	16,642,214	20,739,996	20,611,140	19,380,181	20,515,802	19,710,555	19,735,205
38,136,398	35,019,020	35,082,711	35,184,252	29,735,594	31,008,299	30,462,778	32,724,177	30,207,664	34,191,807	35,674,121	31,610,302
31,348	29,662	29,801	28,729	28,666	35,787	38,352	30,536	24,097	26,612	33,449	37,071
407	253	349	239	389	317	485	291	288	218	425	345
4,038,369	4,016,662	3,407,083	3,147,532	2,724,871	2,424,544	2,642,867	2,918,347	3,371,796	3,635,985	4,037,796	4,469,634
<b>231,671,327</b>	<b>212,451,217</b>	<b>219,431,249</b>	<b>206,018,079</b>	<b>203,691,680</b>	<b>212,516,244</b>	<b>232,757,963</b>	<b>229,103,879</b>	<b>205,555,862</b>	<b>201,176,981</b>	<b>210,454,653</b>	<b>219,068,270</b>
Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
150,602,979	134,773,300	136,732,759	123,386,190	124,112,861	143,702,099	173,243,373	163,991,266	135,517,349	134,467,533	138,872,653	149,669,224
55,481,261	49,310,463	52,077,380	46,193,851	48,541,576	54,232,580	60,899,073	53,944,276	49,465,647	40,939,658	50,504,771	54,136,238
169,523,013	155,570,447	161,269,428	148,813,437	152,095,257	163,118,406	178,507,556	173,635,440	153,501,387	144,259,161	151,321,211	163,681,155
20,767,919	19,041,639	20,908,737	20,490,527	20,667,103	16,642,214	20,739,996	20,611,140	19,380,181	20,515,802	19,710,555	19,735,205
38,136,398	35,019,020	35,082,711	35,184,252	29,735,594	31,008,299	30,462,778	32,724,177	30,207,664	34,191,807	35,674,121	31,610,302
932,967	882,807	886,944	855,043	853,158	1,065,095	1,141,436	908,807	717,166	792,014	995,497	1,103,318
40,274	25,025	34,527	23,674	38,559	31,401	48,001	28,771	28,535	21,575	42,084	34,206
4,067,656	4,045,791	3,431,792	3,170,359	2,744,633	2,442,127	2,662,034	2,939,512	3,396,249	3,662,354	4,067,079	4,502,049
<b>439,552,466</b>	<b>398,668,492</b>	<b>410,424,277</b>	<b>378,117,332</b>	<b>378,788,740</b>	<b>412,242,221</b>	<b>467,704,246</b>	<b>448,783,389</b>	<b>392,214,178</b>	<b>378,849,904</b>	<b>401,187,970</b>	<b>424,471,696</b>

Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
150,602,979	134,773,300	136,732,759	123,386,190	124,112,861	143,702,099	173,243,373	163,991,266	135,517,349	134,467,533	138,872,653	149,669,224
55,481,261	49,310,463	52,077,380	46,193,851	48,541,576	54,232,580	60,899,073	53,944,276	49,465,647	40,939,658	50,504,771	54,136,238
390,392	408,255	406,893	403,220	407,189	477,841	473,987	435,166	424,010	429,967	404,723	418,116
47,812	46,765	46,409	47,999	47,601	46,276	45,631	46,812	47,046	45,777	44,797	46,553
179,372	180,394	175,659	172,787	164,027	183,587	178,193	172,265	176,625	170,559	169,676	176,130
932,967	882,807	886,944	855,043	853,158	1,065,095	1,141,436	908,807	717,166	792,014	995,497	1,103,318
120	67	92	63	103	90	130	78	77	76	93	93
9,155	9,154	9,154	9,154	9,153	9,153	9,152	9,152	9,152	9,151	9,151	9,150
207,644,058	185,611,207	190,335,290	171,068,308	174,135,668	199,716,721	235,990,976	219,507,822	186,357,073	176,854,735	191,001,361	205,558,822
Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
150,602,979	134,773,300	136,732,759	123,386,190	124,112,861	143,702,099	173,243,373	163,991,266	135,517,349	134,467,533	138,872,653	149,669,224
55,481,261	49,310,463	52,077,380	46,193,851	48,541,576	54,232,580	60,899,073	53,944,276	49,465,647	40,939,658	50,504,771	54,136,238
390,392	408,255	406,893	403,220	407,189	477,841	473,987	435,166	424,010	429,967	404,723	418,116
47,812	46,765	46,409	47,999	47,601	46,276	45,631	46,812	47,046	45,777	44,797	46,553
179,372	180,394	175,659	172,787	164,027	183,587	178,193	172,265	176,625	170,559	169,676	176,130
932,967	882,807	886,944	855,043	853,158	1,065,095	1,141,436	908,807	717,166	792,014	995,497	1,103,318
120	67	92	63	103	90	130	78	77	76	93	93
9,155	9,154	9,154	9,154	9,153	9,153	9,152	9,152	9,152	9,151	9,151	9,150
207,644,058	185,611,207	190,335,290	171,068,308	174,135,668	199,716,721	235,990,976	219,507,822	186,357,073	176,854,735	191,001,361	205,558,822
Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
145,103,554	129,851,913	131,739,820	118,880,614	119,580,751	138,454,667	166,917,211	158,002,954	130,568,792	129,557,311	133,801,573	144,203,896
53,455,305	47,509,840	50,175,720	44,507,035	46,769,030	52,252,221	58,675,279	51,974,445	47,659,358	39,444,704	48,660,537	52,159,397
390,392	408,255	406,893	403,220	407,189	477,841	473,987	435,166	424,010	429,967	404,723	418,116
47,812	46,765	46,409	47,999	47,601	46,276	45,631	46,812	47,046	45,777	44,797	46,553
179,372	180,394	175,659	172,787	164,027	183,587	178,193	172,265	176,625	170,559	169,676	176,130
898,899	850,570	854,556	823,820	822,004	1,026,202	1,099,755	875,621	690,978	763,092	959,145	1,063,029
120	67	92	63	103	90	130	78	77	76	93	93
9,155	9,154	9,154	9,154	9,153	9,153	9,152	9,152	9,152	9,151	9,151	9,150
200,084,609	178,856,960	183,408,304	164,844,693	167,799,858	192,450,037	227,399,340	211,516,492	179,576,038	170,420,631	184,049,696	198,076,364
Volumes											
January	February	March	April	May	June	July	August	September	October	November	December
223,311	223,311	223,311	223,311	223,311	223,311	223,311	223,311	223,311	223,311	223,311	223,311
18,774	18,774	18,774	18,774	18,774	18,774	18,774	18,774	18,774	18,774	18,774	18,774
242,085	242,085	242,085	242,085	242,085	242,085	242,085	242,085	242,085	242,085	242,085	242,085

## 2018 Cost of Power Expense

Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 11,695,471	\$ 10,466,175	\$ 10,618,342	\$ 9,581,879	\$ 9,792,524	\$ 11,338,118	\$ 13,668,929	\$ 12,938,936	\$ 10,692,340	\$ 10,609,509	\$ 11,132,387	\$ 11,997,868	\$ 134,532,478	
\$ 3,762,454	\$ 3,343,982	\$ 3,531,620	\$ 3,132,630	\$ 3,344,510	\$ 3,736,619	\$ 4,195,940	\$ 3,716,755	\$ 3,408,178	\$ 2,820,738	\$ 3,535,450	\$ 3,789,661	\$ 42,318,539	
\$ 1,541,831	\$ 1,414,931	\$ 1,466,764	\$ 1,353,475	\$ 1,405,457	\$ 1,507,317	\$ 1,649,523	\$ 1,604,502	\$ 1,418,450	\$ 1,333,046	\$ 1,420,677	\$ 1,536,718	\$ 17,652,689	
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
\$ 74,077	\$ 70,094	\$ 70,423	\$ 67,890	\$ 68,824	\$ 85,921	\$ 92,079	\$ 73,313	\$ 57,854	\$ 63,892	\$ 81,591	\$ 90,428	\$ 896,387	
\$ 3,276	\$ 2,035	\$ 2,808	\$ 1,925	\$ 3,186	\$ 2,595	\$ 3,966	\$ 2,377	\$ 2,358	\$ 1,783	\$ 3,533	\$ 2,872	\$ 32,714	
\$ 2,406	\$ 2,393	\$ 2,030	\$ 1,875	\$ 1,650	\$ 1,468	\$ 1,600	\$ 1,767	\$ 2,041	\$ 2,201	\$ 2,483	\$ 2,749	\$ 24,664	
\$ 17,079,514	\$ 15,299,611	\$ 15,691,987	\$ 14,139,675	\$ 14,616,150	\$ 16,672,038	\$ 19,612,038	\$ 18,337,650	\$ 15,581,221	\$ 14,831,169	\$ 16,176,122	\$ 17,420,296	\$ 195,457,472	
Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 188,252	\$ 168,465	\$ 170,914	\$ 154,231	\$ 130,655	\$ 151,276	\$ 182,375	\$ 172,635	\$ 142,660	\$ 141,555	\$ 148,531	\$ 160,079	\$ 1,911,629	
\$ 220,961	\$ 196,385	\$ 207,405	\$ 183,973	\$ 162,812	\$ 181,900	\$ 204,260	\$ 180,933	\$ 165,911	\$ 137,314	\$ 172,107	\$ 184,482	\$ 2,198,441	
\$ 3,438,763	\$ 3,155,736	\$ 3,271,340	\$ 3,018,671	\$ 2,598,312	\$ 2,786,626	\$ 3,049,525	\$ 2,966,293	\$ 2,622,334	\$ 2,464,445	\$ 2,626,450	\$ 2,840,979	\$ 34,839,473	
\$ 473,716	\$ 434,340	\$ 476,928	\$ 467,389	\$ 397,015	\$ 319,697	\$ 398,415	\$ 395,940	\$ 372,293	\$ 394,109	\$ 384,698	\$ 385,179	\$ 4,899,719	
\$ 869,891	\$ 798,784	\$ 800,237	\$ 802,553	\$ 571,221	\$ 595,669	\$ 585,190	\$ 628,631	\$ 580,289	\$ 656,825	\$ 696,265	\$ 616,950	\$ 8,202,504	
\$ 715	\$ 677	\$ 680	\$ 655	\$ 551	\$ 687	\$ 737	\$ 587	\$ 463	\$ 511	\$ 653	\$ 724	\$ 7,639	
\$ 9	\$ 6	\$ 8	\$ 5	\$ 7	\$ 6	\$ 9	\$ 6	\$ 6	\$ 4	\$ 8	\$ 7	\$ 82	
\$ 92,115	\$ 91,620	\$ 77,716	\$ 71,795	\$ 52,345	\$ 46,575	\$ 50,769	\$ 56,061	\$ 64,772	\$ 69,847	\$ 78,807	\$ 87,235	\$ 839,659	
\$ 5,284,423	\$ 4,846,012	\$ 5,005,227	\$ 4,699,272	\$ 3,912,917	\$ 4,082,437	\$ 4,471,280	\$ 4,401,086	\$ 3,948,728	\$ 3,864,610	\$ 4,107,519	\$ 4,275,634	\$ 52,899,146	
Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 453,340	\$ 405,690	\$ 411,588	\$ 371,413	\$ 379,578	\$ 439,488	\$ 529,835	\$ 501,539	\$ 414,456	\$ 411,246	\$ 431,513	\$ 465,061	\$ 5,214,746	
\$ 532,108	\$ 472,926	\$ 499,463	\$ 443,035	\$ 473,000	\$ 528,455	\$ 593,415	\$ 525,645	\$ 482,005	\$ 398,925	\$ 500,004	\$ 535,956	\$ 5,984,937	
\$ 13,216,850	\$ 12,129,039	\$ 12,573,360	\$ 11,602,229	\$ 12,047,826	\$ 12,920,996	\$ 14,140,007	\$ 13,754,075	\$ 12,159,209	\$ 11,427,110	\$ 12,178,296	\$ 13,173,021	\$ 151,322,017	
\$ 1,820,723	\$ 1,669,380	\$ 1,833,069	\$ 1,796,404	\$ 1,840,875	\$ 1,482,367	\$ 1,847,368	\$ 1,835,890	\$ 1,726,245	\$ 1,827,398	\$ 1,783,764	\$ 1,785,994	\$ 21,249,479	
\$ 3,343,418	\$ 3,070,117	\$ 3,075,701	\$ 3,084,603	\$ 2,648,630	\$ 2,761,994	\$ 2,713,402	\$ 2,914,831	\$ 2,690,679	\$ 3,045,557	\$ 3,228,432	\$ 2,860,665	\$ 35,438,032	
\$ 2,748	\$ 2,600	\$ 2,613	\$ 2,519	\$ 2,553	\$ 3,188	\$ 3,416	\$ 2,720	\$ 2,146	\$ 2,370	\$ 3,027	\$ 3,355	\$ 33,256	
\$ 36	\$ 22	\$ 31	\$ 21	\$ 35	\$ 28	\$ 43	\$ 26	\$ 26	\$ 19	\$ 38	\$ 31	\$ 356	
\$ 354,044	\$ 352,141	\$ 298,699	\$ 275,944	\$ 242,712	\$ 215,961	\$ 235,407	\$ 259,945	\$ 300,335	\$ 323,867	\$ 365,412	\$ 404,492	\$ 3,628,959	
\$ 19,723,267	\$ 18,101,916	\$ 18,694,523	\$ 17,576,169	\$ 17,635,209	\$ 18,352,476	\$ 20,062,893	\$ 19,794,672	\$ 17,775,101	\$ 17,436,494	\$ 18,490,487	\$ 19,228,577	\$ 222,871,782	
Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 587,352	\$ 525,616	\$ 533,258	\$ 481,206	\$ 484,040	\$ 560,438	\$ 675,649	\$ 639,566	\$ 528,518	\$ 524,423	\$ 541,603	\$ 583,710	\$ 6,665,379	
\$ 216,377	\$ 192,311	\$ 203,102	\$ 180,156	\$ 189,312	\$ 211,507	\$ 237,506	\$ 210,383	\$ 192,916	\$ 159,665	\$ 196,969	\$ 211,131	\$ 2,401,334	
\$ 661,140	\$ 606,725	\$ 628,951	\$ 580,372	\$ 593,172	\$ 636,162	\$ 696,179	\$ 677,178	\$ 598,655	\$ 562,611	\$ 590,153	\$ 638,357	\$ 7,469,654	
\$ 80,995	\$ 74,262	\$ 81,544	\$ 79,913	\$ 80,602	\$ 64,905	\$ 80,886	\$ 80,383	\$ 75,583	\$ 80,012	\$ 76,871	\$ 76,967	\$ 932,923	
\$ 148,732	\$ 136,574	\$ 136,823	\$ 137,219	\$ 115,969	\$ 120,932	\$ 118,805	\$ 127,624	\$ 117,810	\$ 133,348	\$ 139,129	\$ 123,280	\$ 1,556,245	
\$ 3,639	\$ 3,443	\$ 3,459	\$ 3,335	\$ 3,327	\$ 4,154	\$ 4,452	\$ 3,544	\$ 2,797	\$ 3,089	\$ 3,882	\$ 4,303	\$ 43,424	
\$ 157	\$ 98	\$ 135	\$ 92	\$ 150	\$ 122	\$ 187	\$ 112	\$ 111	\$ 84	\$ 164	\$ 133	\$ 1,547	
\$ 15,864	\$ 15,779	\$ 13,384	\$ 12,364	\$ 10,704	\$ 9,524	\$ 10,382	\$ 11,464	\$ 13,245	\$ 14,283	\$ 15,862	\$ 17,558	\$ 160,413	
\$ 1,714,255	\$ 1,554,807	\$ 1,600,655	\$ 1,474,658	\$ 1,477,276	\$ 1,607,745	\$ 1,824,047	\$ 1,750,255	\$ 1,529,635	\$ 1,477,515	\$ 1,564,633	\$ 1,655,440	\$ 19,230,919	

Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 1,114,462	\$ 997,322	\$ 1,011,822	\$ 913,058	\$ 918,435	\$ 1,063,396	\$ 1,282,001	\$ 1,213,535	\$ 1,002,828	\$ 995,060	\$ 1,027,658	\$ 1,107,552	\$ 12,647,130	
\$ 360,628	\$ 320,518	\$ 338,053	\$ 300,260	\$ 315,520	\$ 352,512	\$ 395,844	\$ 350,638	\$ 321,527	\$ 266,108	\$ 328,281	\$ 351,886	\$ 4,002,224	
\$ 1,009,905	\$ 1,056,116	\$ 1,052,592	\$ 1,043,089	\$ 1,053,358	\$ 1,236,127	\$ 1,226,158	\$ 1,125,731	\$ 1,096,872	\$ 1,112,281	\$ 1,046,979	\$ 1,081,623	\$ 13,140,831	
\$ 141,289	\$ 138,196	\$ 137,143	\$ 141,843	\$ 140,665	\$ 136,751	\$ 134,845	\$ 138,334	\$ 139,026	\$ 135,276	\$ 132,381	\$ 137,569	\$ 1,653,318	
\$ 530,063	\$ 533,083	\$ 519,091	\$ 510,604	\$ 484,715	\$ 542,518	\$ 526,579	\$ 509,060	\$ 521,945	\$ 504,020	\$ 501,411	\$ 520,483	\$ 6,203,573	
\$ 6,158	\$ 5,827	\$ 5,854	\$ 5,643	\$ 5,631	\$ 7,030	\$ 7,533	\$ 5,998	\$ 4,733	\$ 5,227	\$ 6,570	\$ 7,282	\$ 73,486	
\$ 257	\$ 145	\$ 198	\$ 136	\$ 222	\$ 193	\$ 280	\$ 167	\$ 165	\$ 164	\$ 200	\$ 199	\$ 2,327	
\$ 18,643	\$ 18,642	\$ 18,641	\$ 18,640	\$ 18,640	\$ 18,639	\$ 18,638	\$ 18,637	\$ 18,636	\$ 18,635	\$ 18,635	\$ 18,634	\$ 223,660	
\$ 3,181,405	\$ 3,069,850	\$ 3,083,845	\$ 2,933,274	\$ 2,937,186	\$ 3,357,165	\$ 3,591,878	\$ 3,362,100	\$ 3,105,733	\$ 3,036,771	\$ 3,062,114	\$ 3,225,228	\$ 37,946,549	
Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 1,024,100	\$ 916,458	\$ 929,783	\$ 839,026	\$ 843,967	\$ 977,174	\$ 1,178,055	\$ 1,115,141	\$ 921,518	\$ 914,379	\$ 944,334	\$ 1,017,751	\$ 11,621,687	
\$ 338,436	\$ 300,794	\$ 317,672	\$ 281,782	\$ 296,104	\$ 330,819	\$ 371,484	\$ 329,060	\$ 301,740	\$ 249,732	\$ 308,079	\$ 330,231	\$ 3,755,933	
\$ 957,866	\$ 1,001,696	\$ 998,353	\$ 989,340	\$ 999,079	\$ 1,172,431	\$ 1,162,975	\$ 1,067,723	\$ 1,040,352	\$ 1,054,967	\$ 993,029	\$ 1,025,889	\$ 12,463,699	
\$ 134,806	\$ 131,855	\$ 130,850	\$ 135,335	\$ 134,210	\$ 130,476	\$ 128,657	\$ 131,986	\$ 132,647	\$ 129,068	\$ 126,306	\$ 131,256	\$ 1,577,452	
\$ 505,740	\$ 508,622	\$ 495,272	\$ 487,174	\$ 462,473	\$ 517,624	\$ 502,416	\$ 485,701	\$ 497,995	\$ 480,892	\$ 478,403	\$ 496,599	\$ 5,918,911	
\$ 5,784	\$ 5,473	\$ 5,499	\$ 5,301	\$ 5,290	\$ 6,604	\$ 7,077	\$ 5,635	\$ 4,446	\$ 4,910	\$ 6,172	\$ 6,841	\$ 69,032	
\$ 236	\$ 133	\$ 182	\$ 125	\$ 204	\$ 178	\$ 258	\$ 153	\$ 152	\$ 151	\$ 183	\$ 183	\$ 2,137	
\$ 17,622	\$ 17,621	\$ 17,621	\$ 17,620	\$ 17,619	\$ 17,618	\$ 17,617	\$ 17,617	\$ 17,616	\$ 17,615	\$ 17,614	\$ 17,614	\$ 211,414	
\$ 2,984,590	\$ 2,882,653	\$ 2,895,231	\$ 2,755,703	\$ 2,758,947	\$ 3,152,923	\$ 3,368,540	\$ 3,153,015	\$ 2,916,466	\$ 2,851,714	\$ 2,874,121	\$ 3,026,363	\$ 35,620,266	
Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 8,706	\$ 7,791	\$ 7,904	\$ 7,133	\$ 7,175	\$ 8,307	\$ 10,015	\$ 9,480	\$ 7,834	\$ 7,773	\$ 8,028	\$ 8,652	\$ 98,800	
\$ 3,207	\$ 2,851	\$ 3,011	\$ 2,670	\$ 2,806	\$ 3,135	\$ 3,521	\$ 3,118	\$ 2,860	\$ 2,367	\$ 2,920	\$ 3,130	\$ 35,595	
\$ 8,468	\$ 8,855	\$ 8,826	\$ 8,746	\$ 8,832	\$ 10,364	\$ 10,281	\$ 9,439	\$ 9,197	\$ 9,326	\$ 8,778	\$ 9,069	\$ 110,180	
\$ 1,191	\$ 1,165	\$ 1,157	\$ 1,196	\$ 1,186	\$ 1,153	\$ 1,137	\$ 1,167	\$ 1,172	\$ 1,141	\$ 1,116	\$ 1,160	\$ 13,942	
\$ 4,470	\$ 4,495	\$ 4,377	\$ 4,306	\$ 4,088	\$ 4,575	\$ 4,441	\$ 4,293	\$ 4,402	\$ 4,250	\$ 4,228	\$ 4,389	\$ 52,314	
\$ 54	\$ 51	\$ 51	\$ 49	\$ 49	\$ 62	\$ 66	\$ 53	\$ 41	\$ 46	\$ 58	\$ 64	\$ 644	
\$ 2	\$ 1	\$ 2	\$ 1	\$ 2	\$ 2	\$ 2	\$ 1	\$ 1	\$ 2	\$ 2	\$ 2	\$ 19	
\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 156	\$ 1,869	
\$ 26,254	\$ 25,366	\$ 25,483	\$ 24,257	\$ 24,294	\$ 27,754	\$ 29,618	\$ 27,706	\$ 25,663	\$ 25,060	\$ 25,286	\$ 26,621	\$ 313,362	
Expense													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 127,287	\$ 1,527,447	
\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 10,701	\$ 128,414	
\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 137,988	\$ 1,655,861	

# HRZ - COP Calculation - Impact of the Fair Hydro Plan

	No FHP Impact	FHP Impact	FHP Impact
	May 1, 2017 - April 30, 2018	May 1, 2017 - April 30, 2018	July 1, 2017 - April 30, 2018
<b>RPP Supply Cost Summary (\$/MWh)</b>			
Forecast Wholesale Electricity Price	22.81	22.81	22.81
Load-Weighted Price for RPP Consumers (\$/MWh)	24.83	24.83	24.83
Impact of the Global Adjustment	87.67	70.39	54.93
Adjustment to Address Bias Towards Unfavourable Variance (\$/MWh)	1.00	1.00	1.00
Adjustment to Clear Existing Variance (\$/MWh)	1.40	1.40	1.40
<b>Average Supply Cost for RPP Consumers (\$/MWh)</b>	<b>114.90</b>	<b>97.62</b>	<b>82.16</b>

Reference: Regulated Price Plan Price Report (May 1, 2017 to April 30, 2018), issued April 20, 2017; page 5

Reference: Regulated Price Plan Prices and the GA Modifier for the period July 1, 2017 to April 30, 2018, issued June 22, 2017; page 2

Ontario Electricity Market Price Forecast (HOEP Forecast \$/MWh)	On-Peak	Off-Peak	Average	Term Avg.
May 17 - Jul 17	26.49	11.55	18.45	
Aug 17 - Oct 17	31.3	16.57	23.26	
Nov 17 - Jan 18	34.57	20.47	26.89	
Feb 18 - Apr 18	29.32	16.95	22.63	<b>22.81</b>
May 18 - Jul 18	26.76	13.01	19.36	
Aug 18 - Oct 18	26.27	13.05	19.06	<b>19.21</b>

Reference: Regulated Price Plan Price Report (May 1, 2017 to April 30, 2018), issued April 20, 2017; page 13

<b>Rate of Inflation</b>	<b>1.6%</b>
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COP Rates	July 1, 2017 - April 30, 2018	May 1, 2018 - Oct 30, 2018	Nov 1, 2018 - Apr 30, 2019	May 1, 2019 - Oct 30, 2019	Nov 1, 2019 - Apr 30, 2020
HOEP	22.81	19.21	19.52	19.83	20.15
RPP Rates_FHP	82.16	83.47	84.81	86.17	87.55
GA_FHP	54.93	55.81	56.70	57.61	58.53
GA	87.67	89.07	90.50	91.95	93.42

**ATTACHMENT 3 – INCOME TAX/PILS WORK FORM\_HRZ**



## Income Tax/PILs Workform for 2014 Filers

Version 2.0

Utility Name	Horizon Utilities Corporation
Assigned EB Number	
Name and Title	Indy J. Butany-DeSouza, Vice President-Regulatory Services
Phone Number	905-317-4765
Email Address	indy.butany@horizonutilities.com
Date	
Last COS Re-based Year	2011

Note: Drop-down lists are shaded blue; input cells are shaded green.

*This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your rate application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.*

*While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.*

Alcona Power Inc.  
Atikokan Hydro Inc.  
Atsawickick Power Corp.  
Bluewater Power Distribution Corporation  
Brant County Power Inc.  
Burlington Power Inc.  
Burlington Hydro Inc.  
Cambridge and North Dumfries Hydro Inc.  
Canadian Niagara Power Inc. - Eastern Ontario Power  
Canadian Niagara Power Inc. - Fort Erie  
  
Canadian Niagara Power Inc. - Port Colborne Hydro Inc.  
Centre Wellington Hydro Ltd.  
Clinton Power Corporation  
COLLUS Power Corporation  
Cooperative Hydro Emburn Inc.  
E.L.K. Energy Inc.  
Enersource Hydro Mississauga Inc.  
Entegus Powerlines Inc. - Chatham-Kent  
Entegus Powerlines Inc. - Dutton  
Entegus Powerlines Inc. - Newbury  
Entegus Powerlines Inc. - Strathroy, Mounth Brydges & Parkhill  
ENWIN Utilities Ltd.  
Erie Thames Powerlines Corporation  
Espanola Regional Hydro Distribution Corporation  
Essex Powerlines Corporation  
Festival Hydro Inc.  
Festival Hydro Inc. - Hensall  
Fort Albany Power Corporation  
Fort Frances Power Corporation  
Greater Sudbury Hydro Inc.  
Grimsby Power Inc.  
Guelph Hydro Electric Systems Inc.  
Haldimand County Hydro Inc.  
Hilton Hills Hydro Inc.  
Hearst Power Distribution Company Limited  
Horizon Utilities Corporation  
Hydro 2000 Inc.  
Hydro Hawkesbury Inc.  
Hydro One Brampton Networks Inc.  
Hydro One Networks Inc.  
Hydro Ottawa Limited  
Innisfil Hydro Distribution Systems Limited  
Kashechewan Power Corporation  
Kenora Hydro Electric Corporation Ltd.  
Kinston Hydro Corporation  
Kitchener-Willmet Hydro Inc.  
Lakeland Utilities Inc.  
Lakeland Power Distribution Ltd.  
London Hydro Inc.  
Midland Power Utility Corporation  
Milton Hydro Distribution Inc.  
Newmarket - Tay Power Distribution Ltd. - Newmarket  
Newmarket - Tay Power Distribution Ltd. - Tay  
Niagara Peninsula Energy Inc. - Niagara Falls  
Niagara Peninsula Energy Inc. - Peninsula West  
Niagara-on-the-Lake Hydro Inc.  
Norfolk Power Distribution Inc.  
North Bay Hydro Distribution Limited  
Northern Ontario Wires Inc.  
Oakville Hydro Electricity Distribution Inc.  
Orangeville Hydro Limited  
Orillia Power Distribution Corporation  
Oshawa PUC Networks Inc.  
Ottawa River Power Corporation  
Parry Sound Power Corporation  
Peterborough Distribution Incorporated  
PowerStream Inc. - Barrie  
PowerStream Inc. - South  
PUC Distribution Inc.  
Renfrew Hydro Inc.  
Rideau St. Lawrence Distribution Inc.  
Sioux Lookout Hydro Inc.  
St. Thomas Energy Inc.  
Thunder Bay Hydro Electricity Distribution Inc.  
Tilsonburg Hydro Inc.  
Toronto Hydro-Electric System Limited  
Veridian Connections Inc.  
Veridian Connections Inc. - Gravenhurst  
Wasaga Distribution Inc.  
Waterloo North Hydro Inc.  
Welland Hydro-Electric System Corp.  
Wellington North Power Inc.  
West Coast Huron Energy Inc.  
West Perth Power Inc.  
Westario Power Inc.  
Whitby Hydro Electric Corporation  
Woodstock Hydro Services Inc.





## Income Tax/PILs Workform for 2014 Filers

### [1. Info](#)

- [A. Data Input Sheet](#)
- [B. Tax Rates & Exemptions](#)
- [C. Sch 8 Hist](#)
- [D. Schedule 10 CEC Hist](#)
- [E. Sch 13 Tax Reserves Hist](#)
- [F. Sch 7-1 Loss Cfwd Hist](#)
- [G. Adj. Taxable Income Historic](#)
- [H. PILs,Tax Provision Historic](#)
- [I. Schedule 8 CCA Bridge Year](#)
- [J. Schedule 10 CEC Bridge Year](#)

- [K. Sch 13 Tax Reserves Bridge](#)
- [L. Sch 7-1 Loss Cfwd Bridge](#)
- [M. Adj. Taxable Income Bridge](#)
- [N. PILs,Tax Provision Bridge](#)
- [O. Schedule 8 CCA Test Year](#)
- [P. Schedule 10 CEC Test Year](#)
- [Q Sch 13 Tax Reserve Test Year](#)
- [R. Sch 7-1 Loss Cfwd](#)
- [S. Taxable Income Test Year](#)
- [T. PILs,Tax Provision](#)



**\$ 529,346,690**

Deemed ShortTerm Debt %	4.00%	T	\$	21,173,868	$W = S * T$
Deemed Long Term Debt %	56.00%	U	\$	296,434,147	$X = S * U$
Deemed Equity %	40.00%	V	\$	211,738,676	$Y = S * V$
Short Term Interest Rate	2.29%	Z	\$	484,882	$AC = W * Z$
Long Term Interest	3.62%	AA	\$	10,737,810	$AD = X * AA$
<b>Return on Equity (Regulatory Income)</b>	9.00%	AB	\$	<b>19,056,481</b>	$AE = Y * AB$
<b>Return on Rate Base</b>			\$	<b>30,279,172</b>	$AF = AC + AD + AE$

Questions that must be answered	Historic	Bridge	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	No	No	No
2. Does the applicant have any SRED Expenditures?	No	No	No
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? <i>If Yes, please describe what was the tax treatment in the manager's summary.</i>	No	No	No
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No



## Income Tax/PILs Workform for 2014 Filers

### Tax Rates

**Federal & Provincial**  
As of June 20, 2012

#### Federal income tax

General corporate rate

Federal tax abatement

Adjusted federal rate

Rate reduction

#### Ontario income tax

#### Combined federal and Ontario

#### Federal & Ontario Small Business

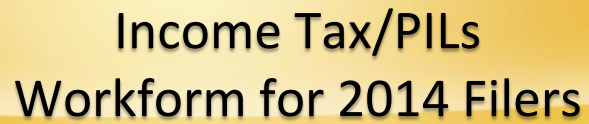
Federal small business threshold

Ontario Small Business Threshold


Federal small business rate

Ontario small business rate

	Effective Saturday, January 01, 2011	Effective Sunday, January 01, 2012	Effective Tuesday, January 01, 2013	Effective Wednesday, January 01, 2014
General corporate rate	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%
Rate reduction	-11.50%	-13.00%	-13.00%	-13.00%
	16.50%	15.00%	15.00%	15.00%
Ontario income tax	11.75%	11.50%	11.50%	11.50%
Combined federal and Ontario	28.25%	26.50%	26.50%	26.50%
Federal small business threshold	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	500,000	500,000	500,000	500,000
Federal small business rate	11.00%	11.00%	11.00%	11.00%
Ontario small business rate	4.50%	4.50%	4.50%	4.50%



<b>Class</b>	<b>Class Description</b>	<b>UCC End of Year Historic per tax returns</b>	<b>Less: Non- Distribution Portion</b>	<b>UCC Regulated Historic Year</b>
<b>1</b>	Distribution System - post 1987	168,241,854		168,241,854
<b>1 Enhanced</b>	Non-residential Buildings Reg. 1100(1)(a.1) election			0
<b>2</b>	Distribution System - pre 1988	28,676,720		28,676,720
<b>8</b>	General Office/Stores Equip	5,343,321		5,343,321
<b>10</b>	Computer Hardware/ Vehicles	3,349,774		3,349,774
<b>10.1</b>	Certain Automobiles			0
<b>12</b>	Computer Software	227,750		227,750
<b>13<sub>1</sub></b>	Lease # 1	9,492		9,492
<b>13<sub>2</sub></b>	Lease #2			0
<b>13<sub>3</sub></b>	Lease # 3			0
<b>13<sub>4</sub></b>	Lease # 4			0
<b>14</b>	Franchise			0
<b>17</b>	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	49,163		49,163
<b>42</b>	Fibre Optic Cable			0
<b>43.1</b>	Certain Energy-Efficient Electrical Generating Equipment	55,785		55,785
<b>43.2</b>	Certain Clean Energy Generation Equipment			0
<b>45</b>	Computers & Systems Software acq'd post Mar 22/04	11,553		11,553
<b>46</b>	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			0
<b>47</b>	Distribution System - post February 2005	233,511,397		233,511,397
<b>50</b>	Data Network Infrastructure Equipment - post Mar 2007			0
<b>52</b>	Computer Hardware and system software	1,418,087		1,418,087
<b>95</b>	CWIP	3,620,861		3,620,861
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
	SUB-TOTAL - UCC	444,515,759	0	444,515,759



# Income Tax/PILs Workform for 2014 Filers

## Schedule 10 CEC - Historical Year

### Cumulative Eligible Capital

7,280,658

#### Additions

Cost of Eligible Capital Property Acquired during Test Year

Other Adjustments

Subtotal

x 3/4 = 0

Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002

x 1/2 = 0

0 0

Amount transferred on amalgamation or wind-up of subsidiary

0 0

Subtotal

7,280,658

#### Deductions

Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year

Other Adjustments

Subtotal

x 3/4 = 0

Cumulative Eligible Capital Balance

7,280,658

Current Year Deduction

7,280,658 x 7% = 509,646

Cumulative Eligible Capital - Closing Balance

6,771,012



# Income Tax/PILs Workform for 2014 Filers

## Schedule 13 Tax Reserves - Historical

### Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only
Capital Gains Reserves ss.40(1)			0
<b>Tax Reserves Not Deducted for accounting purposes</b>			
Reserve for doubtful accounts ss. 20(1)(l)	1,750,000		1,750,000
Reserve for goods and services not delivered ss. 20(1)(m)			0
Reserve for unpaid amounts ss. 20(1)(n)	200,000		200,000
Debt & Share Issue Expenses ss. 20(1)(e)			0
Other tax reserves			0
			0
			0
			0
			0
			0
<b>Total</b>	<b>1,950,000</b>	<b>0</b>	<b>1,950,000</b>
<b>Financial Statement Reserves (not deductible for Tax Purposes)</b>			
General Reserve for Inventory Obsolescence (non-specific)	450,000		450,000
General reserve for bad debts			0
Accrued Employee Future Benefits:	23,275,906		23,275,906
- Medical and Life Insurance			0
-Short & Long-term Disability			0
-Accumulated Sick Leave	58,309		58,309
- Termination Cost			0
- Other Post-Employment Benefits			0
Provision for Environmental Costs			0
Restructuring Costs			0
Accrued Contingent Litigation Costs			0
Accrued Self-Insurance Costs			0
Other Contingent Liabilities			0
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0
Other	1,994,538		1,994,538
			0
			0
<b>Total</b>	<b>25,778,753</b>	<b>0</b>	<b>25,778,753</b>



## Income Tax/PILs Workform for 2014 Filers

### Schedule 7-1 Loss Carry Forward - Historic

#### Corporation Loss Continuity and Application

	Total	Non-Distribution Portion	Utility Balance
<b>Non-Capital Loss Carry Forward Deduction</b>			
Actual Historic			0

	Total	Non-Distribution Portion	Utility Balance
<b>Net Capital Loss Carry Forward Deduction</b>			
Actual Historic			0





# Income Tax/PILs Workform for 2014 Filers

## Adjusted Taxable Income - Historic Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
<b>Income before PILs/Taxes</b>	<b>A</b>	<b>18,223,662</b>		18,223,662
<b>Additions:</b>				
Interest and penalties on taxes	103			0
Amortization of tangible assets	104	24,021,596		24,021,596
Amortization of intangible assets	106			0
Recapture of capital cost allowance from Schedule 8	107			0
Gain on sale of eligible capital property from Schedule 10	108			0
Income or loss for tax purposes- joint ventures or partnerships	109			0
Loss in equity of subsidiaries and affiliates	110			0
Loss on disposal of assets	111	2,739,310		2,739,310
Charitable donations	112			0
Taxable Capital Gains	113			0
Political Donations	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118			0
Capitalized interest	119			0
Non-deductible club dues and fees	120			0
Non-deductible meals and entertainment expense	121	45,000		45,000
Non-deductible automobile expenses	122			0
Non-deductible life insurance premiums	123			0
Non-deductible company pension plans	124			0
Tax reserves deducted in prior year	125	1,950,000		1,950,000
Reserves from financial statements- balance at end of year	126	25,778,753		25,778,753
Soft costs on construction and renovation of buildings	127			0
Book loss on joint ventures or partnerships	205			0
Capital items expensed	206			0
Debt issue expense	208			0
Development expenses claimed in current year	212			0
Financing fees deducted in books	216			0
Gain on settlement of debt	220			0
Non-deductible advertising	226			0
Non-deductible interest	227			0
Non-deductible legal and accounting fees	228			0
Recapture of SR&ED expenditures	231			0
Share issue expense	235			0
Write down of capital property	236			0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237			0
<b>Other Additions</b>				
Interest Expensed on Capital Leases	290			0
Realized Income from Deferred Credit Accounts	291			0
Pensions	292			0
Non-deductible penalties	293			0
Other Additions (Apprenticeship Tax Credits)	294	136,000		136,000
	295			0
ARO Accretion expense				0
Capital Contributions Received (ITA 12(1)(x))				0
Lease Inducements Received (ITA 12(1)(x))				0
Deferred Revenue (ITA 12(1)(a))				0
Prior Year Investment Tax Credits received				0
				0



				0
				0
				0
				0
				0
				0
				0
				0
				0
<b>Total Additions</b>		<b>54,670,659</b>	<b>0</b>	<b>54,670,659</b>
<b>Deductions:</b>				
Gain on disposal of assets per financial statements	401	453,006		453,006
Dividends not taxable under section 83	402			0
Capital cost allowance from Schedule 8	403	32,575,910		32,575,910
Terminal loss from Schedule 8	404			0
Cumulative eligible capital deduction from Schedule 10	405	509,646		509,646
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411			0
Tax reserves claimed in current year	413	1,950,000		1,950,000
Reserves from financial statements - balance at beginning of year	414	25,778,753		25,778,753
Contributions to deferred income plans	416			0
Book income of joint venture or partnership	305			0
Equity in income from subsidiary or affiliates	306			0
Other deductions: (Please explain in detail the nature of the item)				
Interest capitalized for accounting deducted for tax	390			0
Capital Lease Payments	391			0
Non-taxable imputed interest income on deferral and variance accounts	392			0
Deferred Revenue Capital Contributions Amortization	393	884,000		884,000
Depreciation previously added back to income	394	203,834		203,834
ARO Payments - Deductible for Tax when Paid				0
ITA 13(7.4) Election - Capital Contributions Received				0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				0
Deferred Revenue - ITA 20(1)(m) reserve				0
Principal portion of lease payments				0
Lease Inducement Book Amortization credit to income				0
Financing fees for tax ITA 20(1)(e) and (e.1)				0
Other Deductions		-2,658,197		-2,658,197
				0
				0
				0
				0
				0
				0
<b>Total Deductions</b>		<b>59,696,952</b>	<b>0</b>	<b>59,696,952</b>
<b>Net Income for Tax Purposes</b>		<b>13,197,369</b>	<b>0</b>	<b>13,197,369</b>
Charitable donations from Schedule 2	311			0
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320			0
Non-capital losses of preceding taxation years from Schedule 4	331			0
Net-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary)	332			0
Limited partnership losses of preceding taxation years from Schedule 4	335			0
<b>TAXABLE INCOME</b>		<b>13,197,369</b>	<b>0</b>	<b>13,197,369</b>



# Income Tax/PILs Workform for 2014 Filers

## PILs Tax Provision - Historic Year

**Note: Input the actual information from the tax returns for the historic year.**

**Wires Only**

**Regulatory Taxable Income**

\$ 13,197,369 **A**

**Ontario Income Taxes**

*Income tax payable*

**Ontario Income Tax**

11.50% **B**

\$ 1,517,697 **C = A \* B**

*Small business credit*

Ontario Small Business Threshold  
Rate reduction (negative)

\$ 500,000 **D**

-7.00% **E**

-\$ 35,000 **F = D \* E**

*Ontario Income tax*

\$ 1,482,697 **J = C + F**

**Combined Tax Rate and PILs**

Effective Ontario Tax Rate

11.23% **K = J / A**

Federal tax rate

15.00% **L**

Combined tax rate

26.23% **M = K + L**

**Total Income Taxes**

\$ 3,462,303 **N = A \* M**

Investment Tax Credits

\$ 140,000 **O**

Miscellaneous Tax Credits

**P**

**Total Tax Credits**

\$ 140,000 **Q = O + P**

**Corporate PILs/Income Tax Provision for Historic Year**

\$ 3,322,303 **R = N - Q**





# Income Tax/PILs Workform for 2014 Filers

## Schedule 10 CEC - Bridge Year

### Cumulative Eligible Capital

6,771,012
-----------

#### Additions

Cost of Eligible Capital Property Acquired during Test Year

Other Adjustments

Subtotal

Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002

Amount transferred on amalgamation or wind-up of subsidiary

Subtotal

x 3/4 = 0

x 1/2 = 0

0	0
---	---

0

6,771,012
-----------

#### Deductions

Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year

Other Adjustments

Subtotal

x 3/4 = 0

Cumulative Eligible Capital Balance

6,771,012

Current Year Deduction

6,771,012 x 7% = 473,971

Cumulative Eligible Capital - Closing Balance

6,297,041



## Income Tax/PILs Workform for 2014 Filers

### Schedule 13 Tax Reserves - Bridge Year

#### Continuity of Reserves

Description	Historic Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Bridge Year Adjustments		Balance for Bridge Year	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
<b>Tax Reserves Not Deducted for accounting purposes</b>								
Reserve for doubtful accounts ss. 20(1)(l)	1,750,000		1,750,000			1,750,000	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	200,000		200,000			200,000	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
<b>Total</b>	<b>1,950,000</b>	<b>0</b>	<b>1,950,000</b>	<b>0</b>	<b>0</b>	<b>1,950,000</b>	<b>0</b>	<b>0</b>
<b>Financial Statement Reserves (not deductible for Tax Purposes)</b>								
General Reserve for Inventory Obsolescence (non-specific)	450,000		450,000			450,000	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	23,275,906		23,275,906	551,000		23,826,906	551,000	
- Medical and Life Insurance	0		0			0	0	
- Short & Long-term Disability	0		0			0	0	
- Accumulated Sick Leave	58,309		58,309			58,309	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	0		0			0	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	1,994,538		1,994,538			1,994,538	0	
	0		0			0	0	
	0		0			0	0	
<b>Total</b>	<b>25,778,753</b>	<b>0</b>	<b>25,778,753</b>	<b>551,000</b>	<b>0</b>	<b>26,329,753</b>	<b>551,000</b>	<b>0</b>



# Income Tax/PILs Workform for 2014 Filers

## Corporation Loss Continuity and Application

### Schedule 7-1 Loss Carry Forward - Bridge Year

<b>Non-Capital Loss Carry Forward Deduction</b>	<b>Total</b>
Actual Historic	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year	
Other Adjustments Add (+) Deduct (-)	
Balance available for use in Test Year	0
<b>Amount to be used in Bridge Year</b>	
Balance available for use post Bridge Year	0

<b>Net Capital Loss Carry Forward Deduction</b>	<b>Total</b>
Actual Historic	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year	
Other Adjustments Add (+) Deduct (-)	
Balance available for use in Test Year	0
<b>Amount to be used in Bridge Year</b>	
Balance available for use post Bridge Year	0

[illegible]



## Income Tax/PILs Workform for 2014 Filers

### Adjusted Taxable Income - Bridge Year

Gain on disposal of assets per financial statements	401	454,896
Dividends not taxable under section 83	402	
Capital cost allowance from Schedule 8	403	32,664,223
Terminal loss from Schedule 8	404	
Cumulative eligible capital deduction from Schedule 10	405	473,971
Allowable business investment loss	406	
Deferred and prepaid expenses	409	
Scientific research expenses claimed in year	411	
Tax reserves claimed in current year	413	1,950,000
Reserves from financial statements - balance at beginning of year	414	25,778,753
Contributions to deferred income plans	416	
Book income of joint venture or partnership	305	
Equity in income from subsidiary or affiliates	306	
Other deductions: (Please explain in detail the nature of the item)		
Interest capitalized for accounting deducted for tax	390	
Capital Lease Payments	391	
Non-taxable imputed interest income on deferral and variance accounts	392	
Deferred Revenue Capital Contributions Amortization	393	1,016,000
Depreciation previously added back to income	394	203,834
ARO Payments - Deductible for Tax when Paid		
ITA 13(7.4) Election - Capital Contributions Received		
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		
Deferred Revenue - ITA 20(1)(m) reserve		
Principal portion of lease payments		
Lease Inducement Book Amortization credit to income		
Financing fees for tax ITA 20(1)(e) and (e.1)		
Other deductions		-2,658,197
<b>Total Deductions</b>		<b>59,883,480</b>
<b>Net Income for Tax Purposes</b>		<b>13,605,421</b>
Charitable donations from Schedule 2	311	
Taxable dividends deductible under section 112 or 113, from Schedule 3 (Item 82)	320	
Non-capital losses of preceding taxation years from Schedule 4	331	
Net-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary)	332	
Limited partnership losses of preceding taxation years from Schedule 4	335	
<b>TAXABLE INCOME</b>		<b>13,605,421</b>





1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.



Class	Class Description	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule (1/2 Additions Less Disposals)	Reduced UCC	Rate %	Test Year CCA	UCC End of Test Year
1	Distribution System - post 1987	\$ 163,957,280	395,000		\$ 164,352,280	\$ 197,500	\$ 164,154,780	4%	\$ 6,566,191	\$ 157,786,089
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	\$ -			\$ -	\$ -	\$ -	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 26,956,117			\$ 26,956,117	\$ -	\$ 26,956,117	6%	\$ 1,617,367	\$ 25,338,750
8	General Office/Stores Equip	\$ 4,873,337	693,200		\$ 5,566,537	\$ 346,600	\$ 5,219,937	20%	\$ 1,043,987	\$ 4,522,550
10	Computer Hardware/ Vehicles	\$ 3,007,842	790,000		\$ 3,797,842	\$ 395,000	\$ 3,402,842	30%	\$ 1,020,853	\$ 2,776,989
10.1	Certain Automobiles	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
12	Computer Software	\$ 219,750	1,664,500		\$ 1,884,250	\$ 832,250	\$ 1,052,000	100%	\$ 1,052,000	\$ 832,250
13.1	Lease # 1	\$ 8,543			\$ 8,543	\$ -	\$ 8,543	10%	\$ 854	\$ 7,688
13.2	Lease #2	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -
13.3	Lease # 3	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -
13.4	Lease # 4	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -
14	Franchise	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than B	\$ 45,230			\$ 45,230	\$ -	\$ 45,230	8%	\$ 3,618	\$ 41,612
42	Fibre Optic Cable	\$ -			\$ -	\$ -	\$ -	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ 39,050			\$ 39,050	\$ -	\$ 39,050	30%	\$ 11,715	\$ 27,335
43.2	Certain Clean Energy Generation Equipment	\$ -			\$ -	\$ -	\$ -	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 6,354			\$ 6,354	\$ -	\$ 6,354	45%	\$ 2,859	\$ 3,495
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 252,601,031	42,731,604	-500,203	\$ 294,832,432	\$ 21,115,701	\$ 273,716,732	8%	\$ 21,897,339	\$ 272,935,094
50	Data Network Infrastructure Equipment - post Mar 2007	\$ -			\$ -	\$ -	\$ -	55%	\$ -	\$ -
52	Computer Hardware and system software	\$ 1,687,359	868,200		\$ 2,555,559	\$ 434,100	\$ 2,121,459	55%	\$ 1,166,803	\$ 1,388,757
95	CWIP	\$ 3,620,861			\$ 3,620,861	\$ -	\$ 3,620,861	0%	\$ -	\$ 3,620,861
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
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					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
	TOTAL	\$ 457,022,754	\$ 47,142,504	\$- 500,203	\$ 503,665,055	\$ 23,321,151	\$ 480,343,905		\$ 34,383,586	\$ 469,281,466



# Income Tax/PILs Workform for 2014 Filers

## Schedule 10 CEC - Test Year

### Cumulative Eligible Capital

6,297,041
-----------

#### Additions

Cost of Eligible Capital Property Acquired during Test Year

0
---

Other Adjustments

0
---

**Subtotal**

0
---

x 3/4 = 0

Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002

0
---

x 1/2 = 0

0
---

0

Amount transferred on amalgamation or wind-up of subsidiary

0
---

0

**Subtotal**

6,297,041
-----------

#### Deductions

Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year

0
---

Other Adjustments

0
---

**Subtotal**

0
---

x 3/4 = 0

**Cumulative Eligible Capital Balance**

6,297,041

**Current Year Deduction (Carry Forward to Tab "Test Year Taxable Income")**

6,297,041 x 7% = 440,793

**Cumulative Eligible Capital - Closing Balance**

5,856,248



# Income Tax/PILs Workform for 2014 Filers

## Schedule 13 Tax Reserves - Test Year

### Continuity of Reserves

Description	Bridge Year	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Test Year Adjustments		Balance for Test Year	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
<b>Tax Reserves Not Deducted for accounting purposes</b>								
Reserve for doubtful accounts ss. 20(1)(l)	1,750,000		1,750,000			1,750,000	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	200,000		200,000			200,000	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
<b>Total</b>	<b>1,950,000</b>	<b>0</b>	<b>1,950,000</b>	<b>0</b>	<b>0</b>	<b>1,950,000</b>	<b>0</b>	<b>0</b>
<b>Financial Statement Reserves (not deductible for Tax Purposes)</b>								
General Reserve for Inventory Obsolescence (non-specific)	450,000		450,000			450,000	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	23,826,906		23,826,906	607,100		24,434,006	607,100	
- Medical and Life Insurance	0		0			0	0	
-Short & Long-term Disability	0		0			0	0	
-Accumulated Sick Leave	58,309		58,309			58,309	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	0		0			0	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	1,994,538		1,994,538			1,994,538	0	
	0		0			0	0	
	0		0			0	0	
<b>Total</b>	<b>26,329,753</b>	<b>0</b>	<b>26,329,753</b>	<b>607,100</b>	<b>0</b>	<b>26,936,853</b>	<b>607,100</b>	<b>0</b>



# Income Tax/PILs Workform for 2014 Filers

## Schedule 7-1 Loss Carry Forward - Test Year

### Corporation Loss Continuity and Application

	Total	Non-Distribution Portion	Utility Balance
<b>Non-Capital Loss Carry Forward Deduction</b>			
Actual/Estimated Bridge Year			0
Application of Loss Carry Forward to reduce taxable income in 2005			0
Other Adjustments Add (+) Deduct (-)			0
Balance available for use in Test Year	0	0	0
<b>Amount to be used in Test Year</b>			0
Balance available for use post Test Year	0	0	0

	Total	Non-Distribution Portion	Utility Balance
<b>Net Capital Loss Carry Forward Deduction</b>			
Actual/Estimated Bridge Year			0
Application of Loss Carry Forward to reduce taxable income in 2005			0
Other Adjustments Add (+) Deduct (-)			0
Balance available for use in Test Year	0	0	0
<b>Amount to be used in Test Year</b>			0
Balance available for use post Test Year	0	0	0



# Income Tax/PILs Workform for 2014 Filers

## Taxable Income - Test Year

		Test Year Taxable Income
<b>Net Income Before Taxes</b>		<b>19,056,481</b>
	<b>T2 S1 line #</b>	
<b>Additions:</b>		
Interest and penalties on taxes	103	
Amortization of tangible assets 2-4 ADJUSTED ACCOUNTING DATA P489	104	23,428,161
Amortization of intangible assets 2-4 ADJUSTED ACCOUNTING DATA P490	106	
Recapture of capital cost allowance from Schedule 8	107	
Gain on sale of eligible capital property from Schedule 10	108	
Income or loss for tax purposes- joint ventures or partnerships	109	
Loss in equity of subsidiaries and affiliates	110	
Loss on disposal of assets	111	2,887,498
Charitable donations	112	
Taxable Capital Gains	113	
Political Donations	114	
Deferred and prepaid expenses	116	
Scientific research expenditures deducted on financial statements	118	
Capitalized interest	119	
Non-deductible club dues and fees	120	
Non-deductible meals and entertainment expense	121	45,000
Non-deductible automobile expenses	122	
Non-deductible life insurance premiums	123	
Non-deductible company pension plans	124	
Tax reserves beginning of year	125	1,950,000
Reserves from financial statements- balance at end of year	126	26,936,853
Soft costs on construction and renovation of buildings	127	
Book loss on joint ventures or partnerships	205	
Capital items expensed	206	
Debt issue expense	208	
Development expenses claimed in current year	212	
Financing fees deducted in books	216	
Gain on settlement of debt	220	
Non-deductible advertising	226	
Non-deductible interest	227	
Non-deductible legal and accounting fees	228	
Recapture of SR&ED expenditures	231	
Share issue expense	235	
Write down of capital property	236	
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	
<i>Other Additions: (please explain in detail the nature of the item)</i>		
Interest Expensed on Capital Leases	290	
Realized Income from Deferred Credit Accounts	291	
Pensions	292	
Non-deductible penalties	293	
	294	
Other Additions (Apprenticeship Tax Credits)	295	156,000
	296	
	297	
ARO Accretion expense		
Capital Contributions Received (ITA 12(1)(x))		
Lease Inducements Received (ITA 12(1)(x))		
Deferred Revenue (ITA 12(1)(a))		
Prior Year Investment Tax Credits received		

<b>Total Additions</b>		<b>55,403,512</b>
<b>Deductions:</b>		
Gain on disposal of assets per financial statements	401	500,203
Dividends not taxable under section 83	402	
Capital cost allowance from Schedule 8	403	34,383,586
Terminal loss from Schedule 8	404	
Cumulative eligible capital deduction from Schedule 10 CEC	405	440,793
Allowable business investment loss	406	
Deferred and prepaid expenses	409	
Scientific research expenses claimed in year	411	
Tax reserves end of year	413	1,950,000
Reserves from financial statements - balance at beginning of year	414	26,329,753
Contributions to deferred income plans	416	
Book income of joint venture or partnership	305	
Equity in income from subsidiary or affiliates	306	
<i>Other deductions: (Please explain in detail the nature of the item)</i>		
Interest capitalized for accounting deducted for tax	390	
Capital Lease Payments	391	
Non-taxable imputed interest income on deferral and variance accounts	392	
Deferred Revenue Capital Contributions Amortization	416	1,148,000
Depreciation previously added back to income		203,834
	395	
	396	
	397	
ARO Payments - Deductible for Tax when Paid		
ITA 13(7.4) Election - Capital Contributions Received		
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		
Deferred Revenue - ITA 20(1)(m) reserve		
Principal portion of lease payments		
Lease Inducement Book Amortization credit to income		
Financing fees for tax ITA 20(1)(e) and (e.1)		
<b>Total Deductions</b>		<b>64,956,169</b>
<b>NET INCOME FOR TAX PURPOSES</b>		<b>9,503,824</b>
Charitable donations	311	
Taxable dividends received under section 112 or 113	320	
Non-capital losses of preceding taxation years from Schedule 7-1	331	
Net-capital losses of preceding taxation years (Please show calculation)	332	
Limited partnership losses of preceding taxation years from Schedule 4	335	
<b>REGULATORY TAXABLE INCOME</b>		<b>9,503,824</b>

# Income Tax/PILs Workform for 2014 Filers

## PILs Tax Provision - Test Year

### Wires Only

#### Regulatory Taxable Income

\$ 9,503,824 A

#### Ontario Income Taxes

*Income tax payable*

Ontario Income Tax

11.50% B

\$ 1,092,940 C = A \* B

*Small business credit*

Ontario Small Business Threshold  
Rate reduction

\$ - D  
0.00% E

\$ - F = D \* E

*Ontario Income tax*

\$ 1,092,940 J = C + F

#### Combined Tax Rate and PILs

Effective Ontario Tax Rate  
Federal tax rate  
Combined tax rate

11.50%  
15.00%

K = J / A  
L

26.50% M = K + L

#### Total Income Taxes

\$ 2,518,513 N = A \* M

Investment Tax Credits

\$ 190,000 O

Miscellaneous Tax Credits

P

#### Total Tax Credits

\$ 190,000 Q = O + P

#### Corporate PILs/Income Tax Provision for Test Year

\$ 2,328,513 R = N - Q

Corporate PILs/Income Tax Provision Gross Up <sup>1</sup>

73.50%

S = 1 - M

\$ 839,532 T = R / S - R

Income Tax (grossed-up)

\$ 3,168,045 U = R + T

#### Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.



**ATTACHMENT 4 – IRM MODEL\_HRZ**

# INCENTIVE REGULATION MODEL FOR 2018 FILERS

Version 1.0

Utility Name	Alectra - PowerStream
Assigned EB Number	EB-2017-0024
Name of Contact and Title	Indy J. Butany-DeSouza
Phone Number	905-821-5727
Email Address	<a href="mailto:indy.butany@alecrautilities.com">indy.butany@alecrautilities.com</a>
We are applying for rates effective	Monday, January 01, 2018
Rate-Setting Method	Price Cap IR
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2016
Please indicate the last Cost of Service Re-Basing Year	2017

## Notes

- ☐ Pale gray cells represent input cells.
- ☐ Pale blue cells represent drop-down lists.
- ☐ White cells contain fixed values, automatically generated values or formulae.

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column CE should match the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2011									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2011	Transactions <sup>2</sup> Debit/ (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments <sup>3</sup> during 2011	Closing Principal Balance as of Dec 31, 2011	Opening Interest Amounts as of Jan 1, 2011	Interest Jan 1 to Dec 31, 2011	OEB-Approved Disposition during 2011	Interest Adjustments <sup>1</sup> during 2011	Closing Interest Amounts as of Dec 31, 2011
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0	115,768			115,768	0	1,571			1,571
Smart Metering Entity Charge Variance Account	1551	0	0			0	0	0			0
RSVA - Wholesale Market Service Charge	1580	0	(5,518,758)			(5,518,758)	0	(58,244)			(58,244)
Variance WMS – Sub-account CBR Class A	1580	0	0			0	0	0			0
Variance WMS – Sub-account CBR Class B	1580	0	0			0	0	0			0
RSVA - Retail Transmission Network Charge	1584	0	631,983			631,983	0	26,118			26,118
RSVA - Retail Transmission Connection Charge	1586	0	(170,343)			(170,343)	0	700			700
RSVA - Power	1588	0	(1,031,402)			(1,031,402)	0	(19,575)			(19,575)
RSVA - Global Adjustment	1589	0	1,058,063			1,058,063	0	69,598			69,598
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>a</sup>	1595	0	(2,913,896)			(2,913,896)	0	(2,492,082)			(2,492,082)
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>a</sup>	1595	0	1,927,442			1,927,442	0	(21,556)			(21,556)
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>a</sup>	1595	0	(8,695,918)			(8,695,918)	0	(154,327)			(154,327)
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>a</sup>	1595	0	0			0	0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>a</sup>	1595	0	0			0	0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>a</sup>	1595	0	0			0	0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>a</sup>	1595	0	0			0	0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>a</sup>	1595	0	0			0	0	0			0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0	0			0	0	0			0
RSVA - Global Adjustment	1589	0	1,058,063	0	0	1,058,063	0	69,598	0	0	69,598
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(15,655,124)	0	0	(15,655,124)	0	(2,717,393)	0	0	(2,717,393)
Total Group 1 Balance		0	(14,597,061)	0	0	(14,597,061)	0	(2,647,795)	0	0	(2,647,795)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	(14,597,061)	0	0	(14,597,061)	0	(2,647,795)	0	0	(2,647,795)

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

## 2012

Opening Principal Amounts as of Jan 1, 2012	Transactions <sup>2</sup> Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
115,768	\$16,683			132,451	1,571	\$1,801			3,372
0				0	0				0
(5,518,758)	-\$6,544,300			(12,063,058)	(58,244)	-\$125,746			(183,990)
0				0	0				0
0				0	0				0
631,983	\$177,338			809,320	26,118	\$12,236			38,354
(170,343)	-\$76,745			(247,088)	700	-\$2,601			(1,901)
(1,031,402)	-\$541,508			(1,572,910)	(19,575)	-\$3,472			(23,046)
1,058,063	-\$3,235,246			(2,177,183)	69,598	\$495			70,093
(2,913,896)	\$2,840,650			(73,246)	(2,492,082)	-\$9,603			(2,501,684)
1,927,442	-\$2,230,637			(303,195)	(21,556)	\$13,368			(8,187)
(8,695,918)	\$9,300,673			604,756	(154,327)	-\$65,930			(220,257)
0		-\$2,039,038	-\$493,722	1,545,316	0		-\$1,284,828	\$2,207	1,287,035
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
1,058,063	(3,235,246)	0	0	(2,177,183)	69,598	495	0	0	70,093
(15,655,124)	2,942,154	(2,039,038)	(493,722)	(11,167,654)	(2,717,393)	(179,947)	(1,284,828)	2,207	(1,610,306)
(14,597,061)	(293,092)	(2,039,038)	(493,722)	(13,344,837)	(2,647,795)	(179,452)	(1,284,828)	2,207	(1,540,213)
0	(237,216)			(237,216)	0	(278)			(278)
(14,597,061)	(530,308)	(2,039,038)	(493,722)	(13,582,053)	(2,647,795)	(179,730)	(1,284,828)	2,207	(1,540,491)

## 2013

Opening Principal Amounts as of Jan 1, 2013	Transactions <sup>2</sup> Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
132,451	\$288,057	\$117,339		303,169	3,372	\$2,248	\$1,702		3,918
0	-\$17,911			(17,911)	0	-\$71			(71)
(12,063,058)	-\$3,416,930	-\$5,577,002	\$16,968	(9,886,018)	(183,990)	-\$134,977	-\$81,126		(237,841)
0				0	0				0
0				0	0				0
809,320	\$3,378,169	\$658,101		3,529,388	38,354	\$24,798	\$9,290		53,862
(247,088)	\$1,314,694	-\$169,643		1,237,249	(1,901)	\$5,832	-\$2,504		6,435
(1,572,910)	\$924,467	-\$1,050,976	-\$4,668,527	(4,265,994)	(23,046)	\$11,468	-\$15,162	-\$60,232	(56,649)
(2,177,183)	-\$1,669,046	\$1,127,661	\$4,668,527	(305,363)	70,093	-\$16,959	\$15,553	\$60,232	97,813
(73,246)				(73,246)	(2,501,684)	-\$1,077			(2,502,761)
(303,195)				(303,195)	(8,187)	-\$4,457			(12,644)
604,756				604,756	(220,257)	\$8,890			(211,367)
1,545,316	-\$2,940,696			(1,395,380)	1,287,035	\$1,789		\$1,306	1,290,129
0	\$5,370,489	\$4,894,519		475,969	0	-\$30,180	\$72,247		(102,427)
0				0	0				0
0				0	0				0
0				0	0				0
(2,177,183)	(1,669,046)	1,127,661	4,668,527	(305,363)	70,093	(16,959)	15,553	60,232	97,813
(11,167,654)	4,900,339	(1,127,661)	(4,651,559)	(9,791,213)	(1,610,306)	(115,738)	(15,553)	(58,926)	(1,769,417)
(13,344,837)	3,231,293	0	16,968	(10,096,576)	(1,540,213)	(132,696)	0	1,306	(1,671,603)
(237,216)				(237,216)	(278)	(3,487)			(3,765)
(13,582,053)	3,231,293	0	16,968	(10,333,792)	(1,540,491)	(136,183)	0	1,306	(1,675,368)

## 2014

Opening Principal Amounts as of Jan 1, 2014	Transactions <sup>2</sup> Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014
303,169	\$287,710	\$15,111		575,767	3,918	\$6,270	\$1,892		8,295
(17,911)	-\$18,781	\$0		(36,692)	(71)	-\$365	\$0		(436)
(9,886,018)	-\$750,596	-\$6,486,056	-\$428,586	(4,579,145)	(237,841)	-\$28,009	-\$198,209		(67,641)
0				0	0				0
0				0	0				0
3,529,388	\$3,491,680	\$151,219		6,869,850	53,862	\$73,256	\$31,287		95,832
1,237,249	\$2,601,536	-\$77,445		3,916,230	6,435	\$35,834	-\$536		42,805
(4,265,994)	-\$552,173	-\$521,933	-\$2,337,699	(6,633,933)	(56,649)	-\$82,951	-\$15,557		(124,043)
(305,363)	\$1,473,744	-\$3,304,844	\$5,344,769	9,817,994	97,813	\$92,779	\$5,959		184,633
(73,246)				(73,246)	(2,502,761)	-\$1,077			(2,503,838)
(303,195)				(303,195)	(12,644)	-\$4,457			(17,101)
604,756				604,756	(211,367)	\$8,890			(202,477)
(1,395,380)				(1,395,380)	1,290,129	-\$20,512			1,269,617
475,969				475,969	(102,427)	\$6,997			(95,431)
0	\$10,296,124	\$10,223,947		72,177	0	\$174,451	\$175,164		(713)
0				0	0				0
0				0	0				0
(305,363)	1,473,744	(3,304,844)	5,344,769	9,817,994	97,813	92,779	5,959	0	184,633
(9,791,213)	15,355,499	3,304,844	(2,766,285)	(506,843)	(1,769,417)	168,326	(5,959)	0	(1,595,131)
(10,096,576)	16,829,243	0	2,578,484	9,311,151	(1,671,603)	261,105	0	0	(1,410,498)
(237,216)	(59,871)			(297,087)	(3,765)	(3,487)			(7,252)
(10,333,792)	16,769,372	0	2,578,484	9,014,064	(1,675,368)	257,618	0	0	(1,417,750)

# 2015

Opening Principal Amounts as of Jan 1, 2015	Transactions <sup>2</sup> Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 15	Opening Interest Amounts as of Jan 1, 15	Interest Jan 1 to Dec 31, 15	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 15
575,767	\$471,028	\$288,058		758,738	8,295	\$5,409	\$6,482		7,222
(36,692)	-\$22,681	-\$17,911		(41,462)	(436)	-\$331	-\$334		(432)
(4,579,145)	-\$10,407,994	-\$3,399,963		(11,587,176)	(67,641)	-\$49,705	-\$184,956		67,611
0	\$124,744			124,744	0	\$375			375
0	\$1,108,630			1,108,630	0	\$3,563			3,563
6,869,850	-\$1,237,207	\$3,378,169		2,254,473	95,832	\$40,112	\$74,457		61,487
3,916,230	-\$230,302	\$1,314,694		2,371,234	42,805	\$32,229	\$25,159		49,875
(6,633,933)	-\$859,776	-\$3,744,061		(3,749,649)	(124,043)	-\$29,325	-\$103,603		(49,766)
9,817,994	\$2,612,621	\$2,999,481		9,431,134	184,633	\$97,517	\$87,366		194,785
(73,246)		-\$73,246		0	(2,503,838)		-\$2,503,838		0
(303,195)		-\$303,195		0	(17,101)		-\$17,101		0
604,756		\$604,756		0	(202,477)		-\$202,477		0
(1,395,380)		-\$1,395,380		0	1,269,617		\$1,269,617		0
475,969		\$475,969		(0)	(95,431)		-\$95,431		(0)
72,177				72,177	(713)	\$861			148
0	-\$256,827	-\$456,725		199,898	0	\$1,587,899	\$1,610,163	\$4,710	(17,555)
0				0	0				0
9,817,994	2,612,621	2,999,481	0	9,431,134	184,633	97,517	87,366	0	194,785
(506,843)	(11,310,386)	(3,328,835)	0	(8,488,394)	(1,595,131)	1,591,087	(121,862)	4,710	122,527
9,311,151	(8,697,765)	(329,354)	0	942,740	(1,410,498)	1,688,604	(34,496)	4,710	317,312
(297,087)	85,881	(237,216)		26,010	(7,252)	(1,005)	(7,252)		(1,005)
9,014,064	(8,611,884)	(566,570)	0	968,750	(1,417,750)	1,687,599	(41,748)	4,710	316,307

## 2016

Opening Principal Amounts as of Jan 1, 2016	Transactions <sup>2</sup> Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 16	Opening Interest Amounts as of Jan 1, 16	Interest Jan 1 to Dec 31, 16	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 16
758,738	552,752	287,710		1,023,780	7,222	8,153	5,244		10,131
(41,462)	(23,673)	(18,781)		(46,354)	(432)	(366)	(326)		(473)
(11,587,176)	(4,482,609)	(1,179,182)		(14,890,603)	67,611	(138,990)	104,324		(175,703)
124,744	(124,744)			(0)	375	(375)			(0)
1,108,630	(185,940)			922,690	3,563	11,337			14,900
2,254,473	(532,829)	3,491,680		(1,770,037)	61,487	(12,513)	63,013		(14,039)
2,371,234	941,983	2,601,536		711,681	49,875	4,911	48,670		6,117
(3,749,649)	(148,173)	(2,889,873)	819,534	(188,415)	(49,766)	5,680	(54,903)		10,817
9,431,134	(3,004,935)	6,818,513	(1,808,419)	(2,200,733)	194,785	28,693	178,578		44,900
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
(0)				(0)	(0)				(0)
72,177		72,177		(0)	148		148		0
199,898				199,898	(17,555)	2,199			(15,356)
0	(8,988,872)	(9,183,780)		194,908	0	47,945	(343,678)		391,623
9,431,134	(3,004,935)	6,818,513	(1,808,419)	(2,200,733)	194,785	28,693	178,578	0	44,900
(8,488,394)	(12,992,104)	(6,818,513)	819,534	(13,842,451)	122,527	(72,019)	(177,508)	0	228,015
942,740	(15,997,038)	0	(988,885)	(16,043,183)	317,312	(43,326)	1,070	0	272,915
26,010	303,456			329,466	(1,005)	564			(441)
968,750	(15,693,582)	0	(988,885)	(15,713,717)	316,307	(42,762)	1,070	0	272,474



2017				Projected Interest on Dec-31-16 Balances				2.1.7 RRR	
Principal Disposition during 2017 - instructed by OEB	Interest Disposition during 2017 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Dispositions during 2017	Closing Interest Balances as of Dec 31, 16 Adjusted for Disposition in 2017	Projected Interest from Jan 1, 2016 to December 31, 2016 on Dec 31 -16 balance adjusted for disposition on May 1, 2018	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017 <sup>3</sup>	Total Interest	Total Claim	As of Dec 31-16	Variance RRR vs. 2016 Balance (Principal + Interest)
471,028	7,159	552,752	2,971	9,576		12,548	565,300	1,033,911	0
(22,681)	(356)	(23,673)	(117)	(410)		(527)	(24,200)	(46,827)	0
(10,407,994)	(150,131)	(4,482,609)	(25,572)	(77,661)		(103,234)	(4,585,842)	(15,066,306)	0
		(0)	(0)	(0)		(0)	(0)	0	0
1,108,630	15,758	(185,940)	(858)	(3,221)		(4,079)	(190,019)	937,590	0
(1,237,207)	(15,135)	(532,829)	1,096	(9,231)		(8,135)	(540,965)	(1,784,076)	0
(230,302)	(1,328)	941,983	7,444	16,320		23,764	965,748	717,798	(0)
(859,776)	(4,321)	671,361	15,138	11,631		26,769	698,131	(997,132)	(819,534)
2,612,621	44,945	(4,813,354)	(45)	(83,391)		(83,437)	(4,896,791)	(347,414)	1,808,419
		0	0	0		0	0		(0)
		0	0	0		0	0		(0)
		0	0	0		0	0		0
		0	0	0		0	0		(0)
		(0)	(0)	(0)		(0)	(0)		0
		(0)	0	(0)		0	0		(0)
199,898	(15,356)	0	0	0		0	0	184,542	0
		194,908	391,623	3,377		395,000	589,908	586,531	0
2,612,621	44,945	(4,813,354)	(45)	(83,391)	0	(83,437)	(4,896,791)	(347,414)	1,808,419
(10,978,404)	(163,710)	(2,864,046)	391,726	(49,620)	0	342,106	(2,521,940)	(14,433,969)	(819,534)
(8,365,783)	(118,765)	(7,677,400)	391,680	(133,011)	0	258,669	(7,418,731)	(14,781,383)	988,885
		329,466	(441)	5,708		5,267	334,733	329,026	1
(8,365,783)	(118,765)	(7,347,934)	391,239	(127,303)	0	263,936	(7,083,998)	(14,452,357)	988,886

Yes

NO

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

Information from the most recent RRR (2016 for 2018 IRM)

Approved Recoveries (class allocation)													
Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers	Metered kW for Non-RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2015) <sup>1</sup>	1595 Recovery Proportion (2016) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL	kWh	1,647,803,823	0	90,346,673	0			1,647,803,823	0	30.4%	30.4%	\$567,029	223,311
GENERAL SERVICE LESS THAN 50 KW	kWh	595,148,676	0	103,898,341	0			595,148,676	0	11.0%	11.0%	\$302,759	18,774
GENERAL SERVICE 50 TO 4,999 KW	kW	1,811,883,809	4,895,437	1,611,281,237	4,353,439	11,571,593	19,879	1,800,312,216	4,875,558	33.5%	33.5%	\$281,673	
LARGE USE (1)	kW	248,933,056	512,416	248,933,056	512,416	34,977,750	121,009	213,955,306	391,407	4.6%	4.6%	\$119,789	
LARGE USE (2)	kW	1,065,021,673	1,901,227	1,065,021,673	1,901,227	714,705,719	1,122,772	350,315,955	778,455	19.7%	19.7%	\$9,325	
UNMETERED SCATTERED LOAD	kWh	11,571,072	0	388,224	0			11,571,072	0	0.2%	0.2%		
SENTINEL LIGHTING	kW	438,985	1,213	4,428	12			438,985	1,213	0.0%	0.0%	\$0	
STREET LIGHTING	kW	31,864,628	88,666	31,636,373	88,031			31,864,628	88,666	0.6%	0.6%	\$67,507	
								0	0	0.0%	0.0%		
								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		5,412,665,721	7,398,959	3,151,510,005	6,855,125	761,255,061	1,263,660	4,651,410,660	6,135,299	100%	100%	\$1,348,082	242,085

### Threshold Test

Total Claim per Continuity (including Account 1568) (\$7,083,998)  
 RPP True-up Account 1568 \$0  
 Total Claim for Threshold Test (All Group 1 Accounts) (\$7,083,998)  
 Threshold Test (Total claim per kWh) <sup>2</sup> (\$0.0013)

Exceeds Threshold?

ELECT TO DISPOSE of the Group 1 Account Balances?

Yes

Yes

1568 Account Balance from Continuity Schedule

\$334,733

Total Balance of Account 1568 in Column T DOES NOT MATCH the amount entered on the Continuity Schedule

As per Section 3.2.5 of the 2017 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold.

<sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

<sup>2</sup> The Threshold Test does not include the amount in 1568.

<sup>3</sup> The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

No input required. This worksheet allocates the deferral/variance account balances (Group 1 and 1568) to the appropriate classes as per EDDVAR dated July 31, 2009

### Allocation of Group 1 Accounts (including Account 1568)

Rate Class					allocated based on Total less WMP		allocated based on Total less WMP					
	% of Total kWh	% of Total non-RPP kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	1580	1584	1586	1588	1595 (2016)	1568
RESIDENTIAL	30.4%	2.9%	92.2%	35.4%	172,097	(22,323)	(1,624,576)	(164,689)	294,007	247,319	179,589	567,029
GENERAL SERVICE LESS THAN 50 KW	11.0%	3.3%	7.8%	12.8%	62,157	(1,877)	(586,759)	(59,482)	106,189	89,326	64,863	302,759
GENERAL SERVICE 50 TO 4,999 KW	33.5%	51.1%	0.0%	38.7%	189,234	0	(1,774,934)	(181,087)	323,283	270,209	197,471	281,673
LARGE USE (1)	4.6%	7.9%	0.0%	4.6%	25,999	0	(210,939)	(24,879)	44,416	32,113	27,130	119,789
LARGE USE (2)	19.7%	33.8%	0.0%	7.5%	111,231	0	(345,378)	(106,443)	190,025	52,579	116,073	9,325
UNMETERED SCATTERED LOAD	0.2%	0.0%	0.0%	0.2%	1,208	0	(11,408)	(1,156)	2,065	1,737	1,261	0
SENTINEL LIGHTING	0.0%	0.0%	0.0%	0.0%	46	0	(433)	(44)	78	66	48	0
STREET LIGHTING	0.6%	1.0%	0.0%	0.7%	3,328	0	(31,415)	(3,185)	5,685	4,783	3,473	67,507
0												
0												
	100.0%	100.0%	100.0%	100.0%	565,300	(24,200)	(4,585,842)	(540,965)	965,748	698,131	589,908	1,348,082

\*\* Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

# INCENTIVE REGULATION MODEL FOR 2018 FILERS

The purpose of this tab is to calculate the GA rate riders for all current Class B customers of the distributor.

Identify the total billed consumption for former Class B customers prior to becoming Class A customers in Column G.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

	Total Metered Non-RPP consumption minus WMP	Total Metered Class A Consumption in 2016 (partial and/or full year Class A customers)*	Total Metered Consumption for New Class A customer(s) in the period prior to becoming Class A (i.e. Jan. 1 - June 30, 2016)	Total Metered Consumption for New Class B customer(s) in the period after becoming Class B (i.e. Jul 1 - Dec 31, 2016)	Metered Consumption for Current Class B Customers (Non-RPP consumption LESS WMP, Class A and new Class A's former Class B consumption if applicable)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
	kWh	kWh	kWh	kWh	kWh			
RESIDENTIAL	90,346,673				90,346,673	5.4670%	(\$260,882)	-\$0.0029 kwh
GENERAL SERVICE LESS THAN 50 KW	103,898,341				103,898,341	6.2870%	(\$300,014)	-\$0.0029 kwh
GENERAL SERVICE 50 TO 4,999 KW	1,599,709,644	159,817,236	26,284,843	12,686,403	1,400,921,161	84.7716%	(\$4,045,255)	-\$0.0029 kwh
LARGE USE (1)	213,955,306	188,567,617			25,387,689	1.5362%	(\$73,309)	-\$0.0029 kwh
LARGE USE (2)	350,315,955	350,315,955			0	0.0000%	(\$0)	\$0.0000 kwh
UNMETERED SCATTERED LOAD	388,224				388,224	0.0235%	(\$1,121)	-\$0.0029 kwh
SENTINEL LIGHTING	4,428				4,428	0.0003%	(\$13)	-\$0.0029 kwh
STREET LIGHTING	31,636,373				31,636,373	1.9144%	(\$91,352)	-\$0.0029 kwh
	2,390,254,943	698,700,808	26,284,843	12,686,403	1,652,582,889	100.0%	(4,771,945)	
							from Sheet 6B	

\*For new Class A customers (who became Class A in 2016), add their consumption only related to July to December period.

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

This tab allocates the GA balance to former Class B customers who contributed to the current GA balance but are now Class A customers. The tables below calculate specific amounts for each customer who made the change. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed

2015

(e.g. If in the 2017 EDR process, you received approval to dispose the GA variance account balance as of December 31, 2014, please enter 2014 in cell C16.)

Allocation of total Non-RPP consumption (kWh) between Class B and New Class A (Former Class B) customers

		Total	2016	2015
Total Class B Consumption for Years Since Last Disposition (Non-RPP consumption LESS WMP and Class A)	A	1,691,554,135	1,691,554,135	-
New Class A Customer(s) Former Class B Consumption	B	30,440,304	30,440,304	-
Portion of Consumption of Former Class B Customers	C=B/A	1.80%		

Allocation of Total GA Balance \$

Total GA Balance	D	-\$ 4,896,791
New Class A Customer(s) Former Class B Portion of GA Balance	E=C*D	-\$ 88,120
GA Balance to be disposed to Current Class B Customers (if no Class A to Class B Transition Customers)	F=D-E	-\$ 4,808,671

Allocation of GA Balances to Former Class B Customers

# of Former Class B customer(s)		2	9			
Customer	Total Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2016	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2015	% of kWh	Customer specific GA allocation for the period prior to becoming Class A	Monthly Equal Payments
Customer 1	22,121,114	22,121,114		72.67%	-\$ 64,037	-\$ 5,336
Customer 2	4,163,730	4,163,730		13.68%	-\$ 12,053	-\$ 1,004
Customer 3	4,155,461	4,155,461		13.65%	-\$ 12,029	-\$ 1,002
Customer 4	0			0.00%	\$ -	\$ -
Customer 5	0			0.00%	\$ -	\$ -
Customer 6	0			0.00%	\$ -	\$ -
Customer 7	0			0.00%	\$ -	\$ -
Customer 8	0			0.00%	\$ -	\$ -
Customer 9	0			0.00%	\$ -	\$ -
Customer 10	0			0.00%	\$ -	\$ -
Customer 11	0			0.00%	\$ -	\$ -
Total	30,440,304	30,440,304	0	100.00%	-\$ 88,120	

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

This tab allocates the GA balance to former Class A customers who contributed to the current Class B GA balance once switched to Class B customers. The tables below calculate specific amounts for each customer who made the transition. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed

2015

(e.g. If in the 2017 EDR process, you received approval to dispose the GA variance account balance as of December 31, 2014, please enter 2014 in cell C16.)

### Allocation of total Non-RPP consumption (kWh) between Class B and New Class B (Former Class A) customers

		Total	2016
Total Class B Consumption for Years Since Last Disposition (Non-RPP consumption LESS WMP and Class A)	A	1,691,554,135	1,691,554,135
New Class B Customer(s)' Consumption	B	12,686,403	12,686,403
Portion of Consumption of New Class B Customers	C=B/A	0.75%	

### Allocation of Total GA Balance \$

Total GA Class B Balance adjusted for Class A	D	-\$	4,896,791
New Class B Customer(s)' Former Class A Portion of GA Balance attributable to Class B	E=C*D	-\$	36,725
New Class A Customer(s)' Former Class B Portion of GA Balance	F=Sheet 6A	-\$	88,120
GA Balance to be disposed to Current Class B Customers	G=D-E-F	-\$	4,771,945

[Input into Sheet 6. GA Calculation](#)

### Allocation of GA Balances to Former Class A Customers

# of Former Class B customer(s)		2				
Customer		Total Metered kWh Consumption for each new Class B customer for the period after becoming Class B	Metered kWh Consumption for each new Class B customer for the period after becoming Class B in 2016	% of kWh	Customer specific GA allocation for the period after becoming Class B	Monthly Equal Payments
Customer 1		4,761,244	4,761,244	37.53%	-\$	13,783
Customer 2		7,925,159	7,925,159	62.47%	-\$	22,942
				0.00%	\$	-
				0.00%	\$	-
Total		12,686,403	12,686,403	100.00%	-\$	36,725

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## INCENTIVE REGULATION MODEL FOR 2018 FILERS

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers of the distributor.

Identify and input the total billed consumption for former Class B customers prior to becoming Class A customers in Column H.

Identify and input the total billed consumption for former Class A customers after becoming Class B customers in Column H.

Account 1580

Variance WMS – Sub-account CBR Cla -\$ 0

Variance WMS – Sub-account CBR Cla -\$ 190,019

	Total Metered LESS WMP		Total Metered Class A Consumption/Demand in 2016 (partial and/or full year Class A customers)*		Total Metered Consumption/Demand for New Class A customer(s) in the period prior to becoming Class A (i.e. Jan 1 - Jun 30, 2016)		Total Metered Consumption for New Class B customer(s) in the period after becoming Class B (i.e. Jul 1 - Dec 31, 2016)		Metered Consumption for Current Class B Customers (metered consumption/demand LESS WMP, Class A and new Class A's former Class B, if applicable)		% of total kWh	Total CBR \$ allocated to Current Class B Customers	CBR Rate Rider
	kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW			
RESIDENTIAL	1,647,803,823	0	0		0		0		1,647,803,823	0	42.103%	(\$79,131)	-\$0.00005 kWh
GENERAL SERVICE LESS THAN 50 KW	595,148,676	0	0		0		0		595,148,676	0	15.207%	(\$28,580)	-\$0.00005 kWh
GENERAL SERVICE 50 TO 4,999 KW	1,800,312,216	4,875,558	159,817,236	343,690	26,284,843	59,946	12,686,403	26,117	1,601,523,733	4,445,804	40.921%	(\$76,909)	-\$0.01730 kW
LARGE USE (1)	213,955,306	391,407	188,567,617	344,714	0	0	0	0	25,387,689	46,692	0.649%	(\$1,219)	-\$0.02611 kW
LARGE USE (2)	350,315,955	778,455	350,315,955	778,455	0		0		0	(0)	0.000%	(\$0)	\$0.00000 kW
UNMETERED SCATTERED LOAD	11,571,072	0	0		0		0		11,571,072	0	0.296%	(\$556)	-\$0.00005 kWh
SENTINEL LIGHTING	438,985	1,213	0		0		0		438,985	1,213	0.011%	(\$21)	-\$0.01737 kW
STREET LIGHTING	31,864,628	88,666	0		0		0		31,864,628	88,666	0.814%	(\$1,530)	-\$0.01726 kW
	4,651,410,660	6,135,299	698,700,808	1,466,860	26,284,843	59,946	12,686,403	26,117	3,913,738,606	4,582,376	100.0%	(187,946)	

from Sheet 7B

\*For new Class A customers (who became Class A in 2016), add their consumption only related to July to December period.

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

This tab allocates the CBR balance to former Class B customers who contributed to the current CBR balance but are now Class A customers. The tables below calculate specific amounts for each customer who made the change. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed

2015

Allocation of total Non-RPP consumption (kWh) between Class B and New Class A (Former Class B) customers

		Total	2016
Total Metered Consumption for Years Since Last Disposition (consumption LESS WMP and Class A)	A	3,952,709,852	3,952,709,852
New Class A Customer(s) Former Class B Consumption	B	30,440,304	30,440,304
Portion of Consumption of Former Class B Customers	C=B/A	0.77%	

Allocation of Total CBR Class B Balance \$

Total CBR-Class B Balance	D	-\$	190,019
New Class A Customer(s) Former Class B Portion of CBR-Class B Balance	E=C*D	-\$	1,463
CBR-Class B Balance to be disposed to Current Class B Customers (if no Class A to Class B Transition Customers)	F=D-E	-\$	188,556

Allocation of CBR Class B Balances to Former Class B Customers

# of Former Class B customer(s)		2				
Customer		Total Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2016	% of kWh	Customer specific CBR-Class B allocation for the period prior to becoming Class A	Monthly Equal Payments
Customer 1		22,121,114	22,121,114	72.67%	-\$ 1,063	89
Customer 2		4,163,730	4,163,730	13.68%	-\$ 200	17
Customer 3		4,155,461	4,155,461	13.65%	-\$ 200	17
Customer 4		0		0.00%	\$ -	-
Customer 5		0		0.00%	\$ -	-
Customer 6		0		0.00%	\$ -	-
Customer 7		0		0.00%	\$ -	-
Customer 8		0		0.00%	\$ -	-
Customer 9		0		0.00%	\$ -	-
Customer 10		0		0.00%	\$ -	-
Customer 11		0		0.00%	\$ -	-
Total		30,440,304	30,440,304	100.00%	-\$ 1,463	



## INCENTIVE REGULATION MODEL FOR 2018 FILERS

This tab allocates the CBR-Class B balance to former Class A customers who contributed to the current CBR-Class B balance once switched to Class B customers. The tables below calculate specific amounts for each customer who made the transition. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed

2015

Allocation of total Non-RPP consumption (kWh) between Class B and New Class B (Former Class A) customers

		Total	2016
Total Class B Consumption for Years Since Last Disposition (Non-RPP consumption LESS WMP and Class A)	A	3,952,709,852	3,952,709,852
New Class B Customer(s) Consumption	B	12,686,403	12,686,403
Portion of Consumption of New Class B Customers	C=B/A	0.32%	

Allocation of Total CBR-Class B Balance \$

Total CBR-Class B Balance adjusted for Class A	D	-\$ 190,019
New Class B Customer(s) Former Class A Portion of CBR-Class B Balance attributable to Class B	E=C*D	-\$ 610
New Class A Customer(s) Former Class B Portion of CBR-Class B Balance	F=Sheet 6A	-\$ 1,463
CBR-Class B Balance to be disposed to Current Class B Customers	G=D-E-F	-\$ 187,946

[Input into Sheet 7. CBR Calculation](#)

Allocation of CBR-Class B Balances to Former Class A Customers

# of Former Class B customer(s)			2			
Customer		Total Metered kWh Consumption for each new Class B customer for the period after becoming Class B	Metered kWh Consumption for each new Class B customer for the period after becoming Class B in 2016	% of kWh	Customer specific CBR-Class B allocation for the period after becoming Class B	Monthly Equal Payments
Customer 1		4,761,244	4,761,244	37.53%	-\$ 229	-\$ 19
Customer 2		7,925,159	7,925,159	62.47%	-\$ 381	-\$ 32
				0.00%	\$ -	\$ -
				0.00%	\$ -	\$ -
Total		12,686,403	12,686,403	100.00%	-\$ 610	

# INCENTIVE REGULATION MODEL FOR 2018 FILERS

Input required at cell D13 only. This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12
Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh		Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>			Revenue Reconciliation <sup>1</sup>
				less WMP consumption	less WMP consumption				Deferral/Variance Account Rate Rider <sup>2</sup>	Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	
RESIDENTIAL	kWh	1,647,803,823	0	1,647,803,823	0	(918,576)			(0.0006)	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 KW	kWh	595,148,676	0	595,148,676	0	(325,582)			(0.0005)	0.0000	0.0005	
GENERAL SERVICE 50 TO 4,999 KW	kW	1,811,883,809	4,895,437	1,800,312,216	4,875,558	528,900		(1,504,725)	0.1080	(0.3086)	0.0575	
LARGE USE (1)	kW	248,933,056	512,416	213,955,306	391,407	72,665		(178,827)	0.1418	(0.4569)	0.2338	
LARGE USE (2)	kW	1,065,021,673	1,901,227	350,315,955	778,455	310,886		(292,799)	0.1635	(0.3761)	0.0049	
UNMETERED SCATTERED LOAD	kWh	11,571,072	0	11,571,072	0	(6,294)			(0.0005)	0.0000	0.0000	
SENTINEL LIGHTING	kW	438,985	1,213	438,985	1,213	(239)			(0.1968)	0.0000	0.0000	
STREET LIGHTING	kW	31,864,628	88,666	31,864,628	88,666	(17,331)			(0.1955)	0.0000	0.7614	
0												
												(2,331,921)
												0

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class A and B will not be taken into consideration since the rate riders, if any, are calculated outside of the model.

<sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column H and disposed through a combined Deferral/Variance Account and Rate Rider.

**ATTACHMENT 5 – BILL IMPACTS AND TARIFF SHEET\_HRZ**

**Alectra - Horizon Utilities**  
**Rates**

**MONTHLY RATES AND CHARGES - DELIVERY COMPONENT**

Description					2017	2018
				Billing		
	Effective until	Type	Customers	Determinant		
RESIDENTIAL						
Service Charge		Rate		\$	21.34	23.67
Distribution Volumetric Rate		Rate		\$/kWh	0.0081	0.0040
Low Voltage Service Rate		Rate		\$/kWh	0.00006	0.00006
Rate Rider for Recovery of Stranded Meter Assets	December 31, 2017	Rate Rider		\$	0.79	
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider		\$		(0.16)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider		\$/kWh		0.0000
Rate Rider for Smart Metering Entity Charge	October 31, 2018	Rate Rider		\$	0.79	0.57
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Customers	December 31, 2017	Rate Rider	non-RPP	\$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider		\$/kWh	-0.0026	
Rate Rider for Disposition of CBR Class B (2017)	December 31, 2017	Rate Rider	Class B	\$/kWh		
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019				\$/kWh		
Applicable Only for Class B Customers	April 30, 2019	Rate Rider	Class B			-0.00005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)	April 30, 2019	Rate Rider		\$/kWh		0.0003
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	non-RPP	\$/kWh		-0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider		\$/kWh		-0.0006
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider		\$		0.09
Retail Transmission Rate – Network Service Rate		Rate		\$/kWh	0.0074	0.0074
Retail Transmission Rate – Line and Transformation Connection Service Rate		Rate		\$/kWh	0.0059	0.0068

GENERAL SERVICE LESS THAN 50 KW					
Service Charge		Rate	\$	41.42	41.23
Distribution Volumetric Rate		Rate	\$/kWh	0.0107	0.0107
Low Voltage Service Rate		Rate	\$/kWh	0.00006	0.00006
Rate Rider for Recovery of Stranded Meter Assets	December 31, 2017	Rate Rider	\$	2.41	
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider	\$		(0.25)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider	\$/kWh		-0.0001
Rate Rider for Smart Metering Entity Charge	October 31, 2018	Rate Rider	\$	0.79	0.57
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Customers	December 31, 2017	Rate Rider	non-RPP \$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider	\$/kWh	-0.0025	
Rate Rider for Disposition of CBR Class B (2017)	December 31, 2017	Rate Rider	Class B \$/kWh		
Applicable Only for Class B Customers	April 30, 2019	Rate Rider	Class B		-0.00005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)	April 30, 2019	Rate Rider	\$/kWh		0.0005
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	non-RPP \$/kWh		-0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kWh		-0.0005
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$		(0.10)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$/kWh		
Retail Transmission Rate - Network Service Rate		Rate	\$/kWh	0.0065	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate	\$/kWh	0.0053	0.0061

GENERAL SERVICE GREATER THAN 50 KW					
Service Charge		Rate	\$	378.88	379.58
Distribution Volumetric Rate		Rate	\$/kW	2.5526	2.5568
Low Voltage Service Rate		Rate	\$/kW	0.02169	0.02169
Rate Rider for Recovery of Stranded Meter Assets	December 31, 2017	Rate Rider	\$	3.47	0.0000
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider	\$	(2.27)	(0.0000)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider	\$/kW		-0.0153
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Customers	December 31, 2017	Rate Rider	non-RPP \$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider	\$/kW	-0.0603	
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - not applicable for WMP	December 31, 2017	Rate Rider	\$/kW	-0.9778	
Rate Rider for Disposition of CBR Class B (2017) - not Applicable for any Customers who were Class A Customers	December 31, 2017	Rate Rider	Class B \$/kW	0.1114	
Rate Rider for Disposition of CBR Class B (2017) - Applicable for Customers who were Class A Customers	December 31, 2017	Rate Rider	Class B \$/kW		
Rate Rider for Disposition of CBR Class B (2017) - Applicable for Customers who were Class A Customers	April 30, 2019	Rate Rider	Class B \$/kW		(0.01730)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kW		0.0575
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	non-RPP \$/kWh		(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kW		0.1080
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kW		(0.3086)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$		0.74
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$/kW		
Retail Transmission Rate - Network Service Rate		Rate	\$/kW	2.5721	2.5869
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate	\$/kW	2.1213	2.4536

LARGE USE					
Service Charge		Rate	\$	23,798.52	23,722.43
Distribution Volumetric Rate		Rate	\$/kW	1.4041	1.3996
Low Voltage Service Rate		Rate	\$/kW	0.02492	0.02492
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider	\$		(142.57)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider	\$/kW		-0.0084
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Cus	December 31, 2017	Rate Rider	non-RPP \$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider	\$/kW	-0.0792	
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - not applicable for WMP	December 31, 2017	Rate Rider	\$/kW	-1.4433	
Rate Rider for Disposition of CBR Class B (2017) - not Applicable for any Customers who were Cla	December 31, 2017	Rate Rider	Class B \$/kW	0.1693	
2019			\$/kW		
Applicable Only for Class B Customers	April 30, 2019	Rate Rider	Class B		-0.02611
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2	April 30, 2019	Rate Rider	\$/kW		0.2338
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Cus	April 30, 2019	Rate Rider	non-RPP \$/kWh		-0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kW		0.1418
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019					
Applicable only for Non-Wholesale Market Participants	April 30, 2019	Rate Rider	\$/kW		(0.4569)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$		#####
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$/kW		
Retail Transmission Rate - Network Service Rate		Rate	\$/kW	2.9382	2.9551
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate	\$/kW	2.4376	2.8195

LARGE USE WITH DEDICATED ASSETS							
Service Charge				Rate	\$	5,600.32	5,610.66
Distribution Volumetric Rate				Rate	\$/kW	0.3304	0.3310
Low Voltage Service Rate				Rate	\$/kW	0.02492	0.02492
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider			\$		(33.55)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider			\$/kW		-0.0020
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Customers	December 31, 2017	Rate Rider	non-RPP		\$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider			\$/kW	-0.0943	
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - not applicable for WMP	December 31, 2017	Rate Rider			\$/kW	-1.2631	
Rate Rider for Disposition of CBR Class B (2017) - not Applicable for any Customers who were Class B	December 31, 2017	Rate Rider	Class B		\$/kW	0.0381	
Rate Rider for Disposition of Capacity based Recovery Account (2017) - effective until April 30, 2019					\$/kW		
Applicable Only for Class B Customers	April 30, 2019	Rate Rider	Class B				0.0000
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	April 30, 2019	Rate Rider			\$/kW		0.0049
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	non-RPP		\$/kWh		0.0000
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider			\$/kW		0.1635
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019							
Applicable only for Non-Wholesale Market Participants	April 30, 2019	Rate Rider			\$/kW		(0.3761)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider			\$		12.09
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider			\$/kW		
Retail Transmission Rate - Network Service Rate		Rate			\$/kW	2.9382	2.9551
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate			\$/kW	2.4376	2.8195



UNMETERED SCATTERED LOAD						
Service Charge		Rate		\$	8.47	8.43
Distribution Volumetric Rate		Rate		\$/kWh	0.0132	0.0131
Low Voltage Service Rate		Rate		\$/kWh	0.00006	0.00006
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider		\$		(0.05)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider		\$/kWh		-0.0001
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Cus	December 31, 2017	Rate Rider	non-RPP	\$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider		\$/kWh	-0.0025	
Rate Rider for Disposition of CBR Class B (2017)	December 31, 2017	Rate Rider	Class B	\$/kWh		
Rate Rider for Disposition of Capacity based recovery Account (2018) - effective until April 30, 2019				\$/kWh		
Rate Rider for Disposition of Capacity based recovery Account (2018) - effective until April 30, 2019	April 30, 2019	Rate Rider	Class B			-0.00005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - Applicable only for Non-RPP Cus	April 30, 2019	Rate Rider		\$/kWh		0.0000
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Cus	April 30, 2019	Rate Rider	non-RPP	\$/kWh		-0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider		\$/kWh		-0.0005
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider				(0.04)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider		\$/kWh		
Retail Transmission Rate - Network Service Rate		Rate		\$/kWh	0.0066	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate		\$/kWh	0.0054	0.0062

<b>SENTINEL LIGHTING LOAD</b>					
Service Charge		Rate	\$	5.48	5.49
Distribution Volumetric Rate		Rate	\$/kW	15.0244	15.0521
Low Voltage Service Rate		Rate	\$/kW	0.01745	0.01745
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider	\$		(0.03)
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider	\$/kW		-0.0900
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Customers	December 31, 2017	Rate Rider	\$/kWh	0.0016	
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider	\$/kW	-0.8891	
<b>2019</b>					
Applicable Only for Class B Customers	April 30, 2019	Rate Rider	Class B		-0.01737
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	\$/kW		0.0000
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	\$/kWh		-0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kW		-0.1968
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$		0.01
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$/kW		
Retail Transmission Rate - Network Service Rate		Rate	\$/kW	2.1373	2.1496
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate	\$/kW	1.7069	1.9743

STREET LIGHTING LOAD						
Service Charge		Rate	\$	2.15	2.00	
Distribution Volumetric Rate		Rate	\$/kW	5.7204	5.3158	
Low Voltage Service Rate		Rate	\$/kW	0.01702	0.01702	
Rate Rider for 2016 Earnings Sharing - Fixed	December 31, 2018	Rate Rider	\$		(0.01)	
Rate Rider for 2016 Earnings Sharing - Variable	December 31, 2018	Rate Rider	\$/kW		-0.0343	
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable only for Non-RPP Customers	December 31, 2017	Rate Rider	non-RPP \$/kWh	0.0016		
Rate Rider for Disposition of Deferral/Variance Accounts (2017)	December 31, 2017	Rate Rider	\$/kW	-0.9027		
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019			\$/kW			
Applicable Only for Class B Customers						
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until April 30, 2019	April 30, 2019	Rate Rider	Class B		-0.01726	
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers	April 30, 2019	Rate Rider	\$/kW		0.7614	
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	April 30, 2019	Rate Rider	non-RPP \$/kWh		-0.0029	
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	April 30, 2019	Rate Rider	\$/kW		-0.1955	
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$		(0.10)	
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	December 31, 2018	Rate Rider	\$/kW			
Retail Transmission Rate - Network Service Rate		Rate	\$/kW	2.0248	2.0364	
Retail Transmission Rate - Line and Transformation Connection Service Rate		Rate	\$/kW	1.6642	1.9249	

STANDBY POWER				
GS>50 Standby Charge	Rate	\$/kW	2.5526	2.5568
Large Use Standby Charge	Rate	\$/kW	1.4041	1.3996
Large Use with Dedicated Assets Standby Charge	Rate	\$/kW	0.3304	0.3310

MICROFIT				
Service Charge	Rate	\$	5.40	5.40

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of February 2017 of \$0.1058/kWh (IESO's Monthly Market Report for February 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL	kWh	RPP	1.0379	1.0379	750		N/A	
GENERAL SERVICE LESS THAN 50 KW	kWh	RPP	1.0379	1.0379	2,000		N/A	
GENERAL SERVICE GREATER THAN 50 KW	kW	Non-RPP (Other)	1.0379	1.0379	110,000	250	DEMAND	
LARGE USE	kW	Non-RPP (Other)	1.0060	1.0060	2,555,000	5,000	DEMAND	
LARGE USE WITH DEDICATED ASSETS	kW	Non-RPP (Other)	1.0060	1.0060	10,220,000	20,000	DEMAND	
UNMETERED SCATTERED LOAD	kWh	RPP	1.0379	1.0379	250		N/A	
SENTINEL LIGHTING LOAD	kW	Non-RPP (Other)	1.0379	1.0379	97,008	216	DEMAND	721
STREET LIGHTING LOAD	kW	Non-RPP (Other)	1.0379	1.0379	1,782,038	4,974	DEMAND	36,000
STANDBY POWER	kW	Non-RPP (Other)	1.0379	1.0379	-	-	DEMAND	
RESIDENTIAL (10th Consumption)	kWh	RPP	1.0379	1.0379	220		N/A	
RESIDENTIAL (Retailer)	kWh	Non-RPP (Retailer)	1.0379	1.0379	750		N/A	
GENERAL SERVICE LESS THAN 50 KW (Retailer)	kWh	Non-RPP (Retailer)	1.0379	1.0379	2,000		N/A	
UNMETERED SCATTERED LOAD	kWh	RPP	1.0379	1.0379	500		N/A	
SENTINEL LIGHTING LOAD	kW	Non-RPP (Other)	1.0379	1.0379	135	0.30	DEMAND	1
STREET LIGHTING LOAD	kW	Non-RPP (Other)	1.0379	1.0379	50	0.14	DEMAND	1
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

### Table 2

[illegible]

Customer Class:	RESIDENTIAL
RPP / Non-RPP:	RPP
Consumption	750 kWh
Demand	- kW
Current Loss Factor	1.0379
Proposed/Approved Loss Factor	1.0379

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.34	1	\$ 21.34	\$ 23.67	1	\$ 23.67	\$ 2.33	10.92%
Distribution Volumetric Rate	\$ 0.0081	750	\$ 6.08	\$ 0.0040	750	\$ 3.00	\$ (3.08)	-50.62%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ (0.07)	1	\$ (0.07)	\$ (0.86)	-108.86%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.26	\$ 0.26	
<b>Sub-Total A (excluding pass through)</b>			\$ 28.21			\$ 26.86	\$ (1.35)	-4.78%
Line Losses on Cost of Power	\$ 0.0822	28	\$ 2.34	\$ 0.0822	28	\$ 2.34	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0026	750	\$ (1.95)	-\$ 0.00061	750	\$ (0.45)	\$ 1.50	-76.71%
GA Rate Riders								
Low Voltage Service Charge	\$ 0.00006	750	\$ 0.05	\$ 0.00006	750	\$ 0.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 29.21			\$ 29.35	\$ 0.15	0.51%
RTSR - Network	\$ 0.0074	778	\$ 5.76	\$ 0.0074	778	\$ 5.79	\$ 0.03	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	778	\$ 4.59	\$ 0.0068	778	\$ 5.31	\$ 0.72	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 39.56			\$ 40.46	\$ 0.90	2.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	778	\$ 2.80	\$ 0.0036	778	\$ 2.80	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	778	\$ 0.23	\$ 0.0003	778	\$ 0.23	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	128	\$ 12.11	\$ 0.0950	128	\$ 12.11	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 104.46			\$ 105.36	\$ 0.90	0.86%
HST	13%		\$ 13.58	13%		\$ 13.70	\$ 0.12	0.86%
8% Provincial Rebate	-8%		\$ (8.36)	-8%		\$ (8.43)	\$ (0.07)	0.86%
<b>Total Bill on TOU</b>			\$ 109.69			\$ 110.63	\$ 0.95	0.86%



Customer Class:	GENERAL SERVICE LESS THAN 50 KW	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 41.42	1	\$ 41.42	\$ 41.23	1	\$ 41.23	\$ (0.19)	-0.46%
Distribution Volumetric Rate	\$ 0.0107	2000	\$ 21.40	\$ 0.0107	2000	\$ 21.40	\$ -	0.00%
Fixed Rate Riders	\$ 2.41	1	\$ 2.41	\$ (0.35)	1	\$ (0.35)	\$ (2.76)	-114.52%
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0004	2000	\$ 0.81	\$ 0.81	
<b>Sub-Total A (excluding pass through)</b>			\$ 65.23			\$ 63.09	\$ (2.14)	-3.28%
Line Losses on Cost of Power	\$ 0.0822	76	\$ 6.23	\$ 0.0822	76	\$ 6.23	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0025	2,000	\$ (5.00)	\$ 0.00060	2,000	\$ (1.19)	\$ 3.81	-76.20%
GA Rate Riders								
Low Voltage Service Charge	\$ 0.00006	2,000	\$ 0.12	\$ 0.00006	2,000	\$ 0.12	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 67.15			\$ 68.82	\$ 1.67	2.49%
RTSR - Network	\$ 0.0065	2,076	\$ 13.49	\$ 0.0065	2,076	\$ 13.57	\$ 0.08	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0053	2,076	\$ 11.00	\$ 0.0061	2,076	\$ 12.73	\$ 1.72	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 91.64			\$ 95.12	\$ 3.47	3.79%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	2,076	\$ 7.47	\$ 0.0036	2,076	\$ 7.47	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,076	\$ 0.62	\$ 0.0003	2,076	\$ 0.62	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	340	\$ 32.30	\$ 0.0950	340	\$ 32.30	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 278.31			\$ 281.78	\$ 3.47	1.25%
HST	13%		\$ 36.18	13%		\$ 36.63	\$ 0.45	1.25%
8% Provincial Rebate	-8%		\$ (22.26)	-8%		\$ (22.54)	\$ (0.28)	1.25%
<b>Total Bill on TOU</b>			\$ 292.22			\$ 295.87	\$ 3.65	1.25%

Customer Class:	GENERAL SERVICE GREATER THAN 50 KW		
RPP / Non-RPP:	Non-RPP (Other)	Class B	
Consumption	110,000	kWh	
Demand	250	kW	
Current Loss Factor	1.0379		
Proposed/Approved Loss Factor	1.0379		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 378.88	1	\$ 378.88	\$ 379.58	1	\$ 379.58	\$ 0.70	0.18%
Distribution Volumetric Rate	\$ 2.5526	250	\$ 638.15	\$ 2.5568	250	\$ 639.20	\$ 1.05	0.16%
Fixed Rate Riders	\$ 3.47	1	\$ 3.47	\$ (1.53)	1	\$ (1.53)	\$ (5.00)	-144.16%
Volumetric Rate Riders	\$ -	250	\$ -	\$ 0.0422	250	\$ 10.56	\$ 10.56	
<b>Sub-Total A (excluding pass through)</b>			\$ 1,020.50			\$ 1,027.81	\$ 7.31	0.72%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9267	250	\$ (231.68)	\$ 0.21789	250	\$ (54.47)	\$ 177.20	-76.49%
GA Rate Riders	\$ 0.0016	110,000	\$ 176.00	\$ 0.0029	110,000	\$ (319.00)	\$ (495.00)	-281.25%
Low Voltage Service Charge	\$ 0.02169	250	\$ 5.42	\$ 0.02169	250	\$ 5.42	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 970.24			\$ 659.76	\$ (310.48)	-32.00%
RTSR - Network	\$ 2.5721	250	\$ 643.03	\$ 2.5869	250	\$ 646.72	\$ 3.70	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.1213	250	\$ 530.33	\$ 2.4536	250	\$ 613.41	\$ 83.08	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 2,143.59			\$ 1,919.89	\$ (223.70)	-10.44%
Wholesale Market Service Charge (WMSO)	\$ 0.0036	114,169	\$ 411.01	\$ 0.0036	114,169	\$ 411.01	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	114,169	\$ 34.25	\$ 0.0003	114,169	\$ 34.25	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	-	\$ -	\$ 0.25	-	\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	110,000	\$ 770.00	\$ 0.0070	110,000	\$ 770.00	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1061	114,169	\$ 12,113.33	\$ 0.1061	114,169	\$ 12,113.33	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 15,472.18			\$ 15,248.48	\$ (223.70)	-1.45%
HST	13%		\$ 2,011.38	13%		\$ 1,982.30	\$ (29.08)	-1.45%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 17,483.57			\$ 17,230.78	\$ (252.78)	-1.45%

Customer Class:	LARGE USE		
RPP / Non-RPP:	Non-RPP (Other)	Class A	
Consumption	2,555,000	kWh	
Demand	5,000	kW	
Current Loss Factor	1.0060		
Proposed/Approved Loss Factor	1.0060		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23,798.52	1	\$ 23,798.52	\$ 23,722.43	1	\$ 23,722.43	\$ (76.09)	-0.32%
Distribution Volumetric Rate	\$ 1.4041	5000	\$ 7,020.50	\$ 1.3996	5000	\$ 6,998.00	\$ (22.50)	-0.32%
Fixed Rate Riders	\$ -	1	\$ -	\$ (198.01)	1	\$ (198.01)	\$ (198.01)	
Volumetric Rate Riders	\$ -	5000	\$ -	\$ 0.2254	5000	\$ 1,126.87	\$ 1,126.87	
<b>Sub-Total A (excluding pass through)</b>			\$ 30,819.02			\$ 31,649.29	\$ 830.27	2.69%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.5225	5,000	\$ (7,612.50)	\$ 0.28896	5,000	\$ (1,444.81)	\$ 6,167.69	-81.02%
GA Rate Riders	\$ -	2,555,000	\$ -	\$ -	2,555,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.02492	5,000	\$ 124.60	\$ 0.02492	5,000	\$ 124.60	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 23,331.12			\$ 30,329.08	\$ 6,997.96	29.99%
RTSR - Network	\$ 2.9382	5,000	\$ 14,691.00	\$ 2.9551	5,000	\$ 14,775.49	\$ 84.49	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4376	5,000	\$ 12,188.00	\$ 2.8195	5,000	\$ 14,097.41	\$ 1,909.41	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 50,210.12			\$ 59,201.98	\$ 8,991.86	17.91%
Wholesale Market Service Charge (WMSO)	\$ 0.0036	2,570,330	\$ 9,253.19	\$ 0.0036	2,570,330	\$ 9,253.19	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,570,330	\$ 771.10	\$ 0.0003	2,570,330	\$ 771.10	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	-	\$ -	\$ 0.25	-	\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	2,555,000	\$ 17,885.00	\$ 0.0070	2,555,000	\$ 17,885.00	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1061	2,570,330	\$ 272,712.01	\$ 0.1061	2,570,330	\$ 272,712.01	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 350,831.42			\$ 359,823.28	\$ 8,991.86	2.56%
HST	13%		\$ 45,608.08	13%		\$ 46,777.03	\$ 1,168.94	2.56%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 396,439.50			\$ 406,600.31	\$ 10,160.80	2.56%

Customer Class:	LARGE USE WITH DEDICATED ASSETS		
RPP / Non-RPP:	Non-RPP (Other)	Class A	
Consumption	10,220,000	kWh	
Demand	20,000	kW	
Current Loss Factor	1.0060		
Proposed/Approved Loss Factor	1.0060		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,600.32	1	\$ 5,600.32	\$ 5,610.66	1	\$ 5,610.66	\$ 10.34	0.18%
Distribution Volumetric Rate	\$ 0.3304	20000	\$ 6,608.00	\$ 0.3310	20000	\$ 6,620.00	\$ 12.00	0.18%
Fixed Rate Riders	\$ -	1	\$ -	\$ (21.46)	1	\$ (21.46)	\$ (21.46)	
Volumetric Rate Riders	\$ -	20000	\$ -	\$ 0.0029	20000	\$ 57.59	\$ 57.59	
<b>Sub-Total A (excluding pass through)</b>			\$ 12,208.32			\$ 12,266.79	\$ 58.47	0.48%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.3574	20,000	\$ (27,148.00)	\$ 0.21261	20,000	\$ (4,252.20)	\$ 22,895.80	-84.34%
GA Rate Riders	\$ -	10,220,000	\$ -	\$ -	10,220,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.02492	20,000	\$ 498.40	\$ 0.02492	20,000	\$ 498.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable)		1	\$ -		1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ (14,441.28)			\$ 8,512.99	\$ 22,954.27	-158.95%
RTSR - Network	\$ 2.9382	20,000	\$ 58,764.00	\$ 2.9551	20,000	\$ 59,101.97	\$ 337.97	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4376	20,000	\$ 48,752.00	\$ 2.8195	20,000	\$ 56,389.65	\$ 7,637.65	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 93,074.72			\$ 124,004.61	\$ 30,929.89	33.23%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	10,281,320	\$ 37,012.75	\$ 0.0036	10,281,320	\$ 37,012.75	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	10,281,320	\$ 3,084.40	\$ 0.0003	10,281,320	\$ 3,084.40	\$ -	0.00%
Standard Supply Service Charge		1	\$ -		1	\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	10,220,000	\$ 71,540.00	\$ 0.0070	10,220,000	\$ 71,540.00	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1061	10,281,320	\$ 1,090,848.05	\$ 0.1061	10,281,320	\$ 1,090,848.05	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 1,295,559.92			\$ 1,326,489.81	\$ 30,929.89	2.39%
HST	13%		\$ 168,422.79	13%		\$ 172,443.68	\$ 4,020.89	2.39%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 1,463,982.71			\$ 1,498,933.49	\$ 34,950.78	2.39%

Customer Class:	SENTINEL LIGHTING LOAD		
RPP / Non-RPP:	Non-RPP (Other)	Class B	
Consumption	97,008	kWh	
Demand	216	kW	
Current Loss Factor	1.0379		
Proposed/Approved Loss Factor	1.0379		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.48	721	\$ 3,951.08	\$ 5.49	721	\$ 3,958.29	\$ 7.21	0.18%
Distribution Volumetric Rate	\$ 15.0244	216	\$ 3,245.27	\$ 15.0521	216	\$ 3,251.25	\$ 5.98	0.18%
Fixed Rate Riders	\$ -	721	\$ -	\$ (0.02)	721	\$ (14.42)	\$ (14.42)	
Volumetric Rate Riders	\$ -	216	\$ -	\$ -	216	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 7,196.35			\$ 7,195.12	\$ (1.23)	-0.02%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.8891	216	\$ (192.05)	\$ 0.21414	216	\$ (46.26)	\$ 145.79	-75.91%
GA Rate Riders	\$ 0.0016	97,008	\$ 155.21	\$ 0.0029	97,008	\$ (281.32)	\$ (436.54)	-281.25%
Low Voltage Service Charge	\$ 0.01745	216	\$ 3.77	\$ 0.01745	216	\$ 3.77	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	721	\$ -	\$ -	721	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 7,163.29			\$ 6,871.31	\$ (291.97)	-4.08%
RTSR - Network	\$ 2.1373	216	\$ 461.66	\$ 2.1496	216	\$ 464.31	\$ 2.66	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7069	216	\$ 368.69	\$ 1.9743	216	\$ 426.45	\$ 57.76	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 7,993.63			\$ 7,762.08	\$ (231.56)	-2.90%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	100,685	\$ 362.46	\$ 0.0036	100,685	\$ 362.46	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	100,685	\$ 30.21	\$ 0.0003	100,685	\$ 30.21	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	-	\$ -	\$ 0.25	-	\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	97,008	\$ 679.06	\$ 0.0070	97,008	\$ 679.06	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1061	100,685	\$ 10,682.64	\$ 0.1061	100,685	\$ 10,682.64	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 19,748.00			\$ 19,516.44	\$ (231.56)	-1.17%
HST	13%		\$ 2,567.24	13%		\$ 2,537.14	\$ (30.10)	-1.17%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 22,315.24			\$ 22,053.58	\$ (261.66)	-1.17%

Customer Class:	STREET LIGHTING LOAD		
RPP / Non-RPP:	Non-RPP (Other)	Class B	
Consumption	1,782,038	kWh	
Demand	4,974	kW	
Current Loss Factor	1.0379		
Proposed/Approved Loss Factor	1.0379		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.15	36,000	\$ 77,400.00	\$ 2.00	36,000	\$ 72,000.00	\$ (5,400.00)	-6.98%
Distribution Volumetric Rate	\$ 5.7204	4973.63	\$ 28,451.15	\$ 5.3158	4973.63	\$ 26,438.82	\$ (2,012.33)	-7.07%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.11)	1	\$ (0.11)	\$ (0.11)	
Volumetric Rate Riders	\$ -	4973.63	\$ -	\$ 0.7271	4973.63	\$ 3,616.14	\$ 3,616.14	
<b>Sub-Total A (excluding pass through)</b>			\$ 105,851.15			\$ 102,054.85	\$ (3,796.30)	-3.59%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9027	4,974	\$ (4,489.70)	\$ 0.21273	4,974	\$ (1,058.02)	\$ 3,431.68	-76.43%
GA Rate Riders	\$ 0.0016	1,782,038	\$ 2,851.26	\$ 0.0029	1,782,038	\$ (5,167.91)	\$ (8,019.17)	-281.25%
Low Voltage Service Charge	\$ 0.0170	4,974	\$ 84.65	\$ 0.0170	4,974	\$ 84.65	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	36,000	\$ -	\$ -	36,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 104,297.37			\$ 95,913.57	\$ (8,383.80)	-8.04%
RTSR - Network	\$ 2.0248	4,974	\$ 10,070.61	\$ 2.0364	4,974	\$ 10,128.53	\$ 57.92	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6642	4,974	\$ 8,277.12	\$ 1.9249	4,974	\$ 9,573.84	\$ 1,296.72	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 122,645.09			\$ 115,615.93	\$ (7,029.16)	-5.73%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	1,849,577	\$ 6,658.48	\$ 0.0036	1,849,577	\$ 6,658.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	1,849,577	\$ 554.87	\$ 0.0003	1,849,577	\$ 554.87	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	-	\$ -	\$ 0.25	-	\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	1,782,038	\$ 12,474.27	\$ 0.0070	1,782,038	\$ 12,474.27	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1061	1,849,577	\$ 196,240.15	\$ 0.1061	1,849,577	\$ 196,240.15	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 338,572.85			\$ 331,543.70	\$ (7,029.16)	-2.08%
HST	13%		\$ 44,014.47	13%		\$ 43,100.68	\$ (913.79)	-2.08%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 382,587.32			\$ 374,644.38	\$ (7,942.95)	-2.08%

Customer Class:	STANDBY POWER	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	-	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1061	-	\$ -	\$ 0.1061	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
GA Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	-	\$ -	\$ 0.57	-	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ -			\$ -	\$ -	
RTSR - Network	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ -			\$ -	\$ -	
Wholesale Market Service Charge (WMSC)	\$ 0.0036	-	\$ -	\$ 0.0036	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	-	\$ -	\$ 0.0003	-	\$ -	\$ -	
Standard Supply Service Charge	\$ 0.25	-	\$ -	\$ 0.25	-	\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	-	\$ -	\$ 0.0070	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1061	-	\$ -	\$ 0.1061	-	\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ -			\$ -	\$ -	
HST	13%		\$ -	13%		\$ -	\$ -	
<b>Total Bill on Average IESO WMP (before 8% Provincial Rebate)</b>			\$ -			\$ -	\$ -	
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ -			\$ -	\$ -	

Customer Class:	RESIDENTIAL		
RPP / Non-RPP:	RPP		
Consumption	220	kWh	10% Consumption Percentile
Demand	-	kW	
Current Loss Factor	1.0379		
Proposed/Approved Loss Factor	1.0379		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.34	1	\$ 21.34	\$ 23.67	1	\$ 23.67	\$ 2.33	10.92%
Distribution Volumetric Rate	\$ 0.0081	220	\$ 1.78	\$ 0.0040	220	\$ 0.88	\$ (0.90)	-50.62%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ (0.07)	1	\$ (0.07)	\$ (0.86)	-108.86%
Volumetric Rate Riders	\$ -	220	\$ -	\$ 0.0003	220	\$ 0.08	\$ 0.08	
<b>Sub-Total A (excluding pass through)</b>			\$ 23.91			\$ 24.56	\$ 0.64	2.69%
Line Losses on Cost of Power	\$ 0.0822	8	\$ 0.69	\$ 0.0822	8	\$ 0.69	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	220	\$ (0.57)	\$ 0.00061	220	\$ (0.13)	\$ 0.44	-76.71%
GA Rate Riders	\$ 0.0016		\$ -	\$ 0.0029		\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00006	220	\$ 0.01	\$ 0.00006	220	\$ 0.01	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 24.61			\$ 25.69	\$ 1.08	4.40%
RTSR - Network	\$ 0.0074	228	\$ 1.69	\$ 0.0074	228	\$ 1.70	\$ 0.01	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	228	\$ 1.35	\$ 0.0068	228	\$ 1.56	\$ 0.21	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 27.65			\$ 28.95	\$ 1.30	4.71%
Wholesale Market Service Charge (WMSD)	\$ 0.0036	228	\$ 0.82	\$ 0.0036	228	\$ 0.82	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	228	\$ 0.07	\$ 0.0003	228	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)			\$ -			\$ -	\$ -	
TOU - Off Peak	\$ 0.0650	143	\$ 9.30	\$ 0.0650	143	\$ 9.30	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	37	\$ 3.55	\$ 0.0950	37	\$ 3.55	\$ -	0.00%
TOU - On Peak	\$ 0.1320	40	\$ 5.23	\$ 0.1320	40	\$ 5.23	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 46.86			\$ 48.16	\$ 1.30	2.78%
HST	13%		\$ 6.09	13%		\$ 6.26	\$ 0.17	2.78%
Provincial Rebate	-8%		\$ (3.75)	-8%		\$ (3.85)	\$ (0.10)	2.78%
<b>Total Bill on TOU</b>			\$ 49.20			\$ 50.57	\$ 1.37	2.78%



Customer Class:	RESIDENTIAL
RPP / Non-RPP:	Non-RPP (Retailer)
Consumption	750 kWh
Demand	- kW
Current Loss Factor	1.0379
Proposed/Approved Loss Factor	1.0379

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.34	1	\$ 21.34	\$ 23.67	1	\$ 23.67	\$ 2.33	10.92%
Distribution Volumetric Rate	\$ 0.0081	750	\$ 6.08	\$ 0.0040	750	\$ 3.00	\$ (3.08)	-50.62%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ (0.07)	1	\$ (0.07)	\$ (0.86)	-108.86%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.26	\$ 0.26	
<b>Sub-Total A (excluding pass through)</b>			\$ 28.21			\$ 26.86	\$ (1.35)	-4.78%
Line Losses on Cost of Power	\$ 0.1061	28	\$ 3.02	\$ 0.1061	28	\$ 3.02	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	750	\$ (1.95)	\$ 0.00061	750	\$ (0.45)	\$ 1.50	-76.71%
GA Rate Riders	\$ 0.0016	750	\$ 1.20	\$ 0.0029	750	\$ (2.18)	\$ (3.38)	-281.25%
Low Voltage Service Charge	\$ 0.00006	750	\$ 0.05	\$ 0.00006	750	\$ 0.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 31.09			\$ 27.86	\$ (3.23)	-10.38%
RTSR - Network	\$ 0.0074	778	\$ 5.76	\$ 0.0074	778	\$ 5.79	\$ 0.03	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	778	\$ 4.59	\$ 0.0068	778	\$ 5.31	\$ 0.72	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 41.44			\$ 38.96	\$ (2.47)	-5.97%
Wholesale Market Service Charge (WMSD)	\$ 0.0036	778	\$ 2.80	\$ 0.0036	778	\$ 2.80	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	778	\$ 0.23	\$ 0.0003	778	\$ 0.23	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25		\$ -	\$ 0.25		\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070		\$ -	\$ 0.0070		\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1061	750	\$ 79.58	\$ 0.1061	750	\$ 79.58	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 124.05			\$ 121.58	\$ (2.47)	-1.99%
HST	13%		\$ 16.13	13%		\$ 15.80	\$ (0.32)	-1.99%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 140.18			\$ 137.38	\$ (2.80)	-1.99%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.34	1	\$ 21.34	\$ 23.67	1	\$ 23.67	\$ 2.33	10.92%
Distribution Volumetric Rate	\$ 0.0081	2000	\$ 16.20	\$ 0.0040	2000	\$ 8.00	\$ (8.20)	-50.62%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ (0.07)	1	\$ (0.07)	\$ (0.86)	-108.86%
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0003	2000	\$ 0.68	\$ 0.68	
<b>Sub-Total A (excluding pass through)</b>			\$ 38.33			\$ 32.28	\$ (6.05)	-15.77%
Line Losses on Cost of Power	\$ 0.1061	76	\$ 8.04	\$ 0.1061	76	\$ 8.04	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	2,000	\$ (5.20)	\$ 0.00061	2,000	\$ (1.21)	\$ 3.99	-76.71%
GA Rate Riders	\$ 0.0016	2,000	\$ 3.20	\$ 0.0029	2,000	\$ (5.80)	\$ (9.00)	-281.25%
Low Voltage Service Charge	\$ 0.00006	2,000	\$ 0.12	\$ 0.00006	2,000	\$ 0.12	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 45.06			\$ 34.01	\$ (11.06)	-24.54%
RTSR - Network	\$ 0.0074	2,076	\$ 15.36	\$ 0.0074	2,076	\$ 15.45	\$ 0.09	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	2,076	\$ 12.25	\$ 0.0068	2,076	\$ 14.17	\$ 1.92	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 72.67			\$ 63.62	\$ (9.05)	-12.45%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	2,076	\$ 7.47	\$ 0.0036	2,076	\$ 7.47	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,076	\$ 0.62	\$ 0.0003	2,076	\$ 0.62	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25		\$ -	\$ 0.25		\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1061	2,000	\$ 212.20	\$ 0.1061	2,000	\$ 212.20	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 306.97			\$ 297.92	\$ (9.05)	-2.95%
HST	13%		\$ 39.91	13%		\$ 38.73	\$ (1.18)	-2.95%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 346.87			\$ 336.65	\$ (10.23)	-2.95%

Customer Class:	UNMETERED SCATTERED LOAD	
RPP / Non-RPP:	RPP	
Consumption	500	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.34	1	\$ 21.34	\$ 23.67	1	\$ 23.67	\$ 2.33	10.92%
Distribution Volumetric Rate	\$ 0.0081	500	\$ 4.05	\$ 0.0040	500	\$ 2.00	\$ (2.05)	-50.62%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ (0.07)	1	\$ (0.07)	\$ (0.86)	-108.86%
Volumetric Rate Riders	\$ -	500	\$ -	\$ 0.0003	500	\$ 0.17	\$ 0.17	
<b>Sub-Total A (excluding pass through)</b>			\$ 26.18			\$ 25.77	\$ (0.41)	-1.56%
Line Losses on Cost of Power	\$ 0.0822	19	\$ 1.56	\$ 0.0822	19	\$ 1.56	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0026	500	\$ (1.30)	\$ 0.00061	500	\$ (0.30)	\$ 1.00	-76.71%
GA Rate Riders	\$ 0.0016		\$ -	\$ 0.0029		\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00006	500	\$ 0.03	\$ 0.00006	500	\$ 0.03	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57		\$ -	\$ 0.57		\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 26.47			\$ 27.06	\$ 0.59	2.22%
RTSR - Network	\$ 0.0074	519	\$ 3.84	\$ 0.0074	519	\$ 3.86	\$ 0.02	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0059	519	\$ 3.06	\$ 0.0068	519	\$ 3.54	\$ 0.48	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 33.37			\$ 34.46	\$ 1.09	3.27%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	519	\$ 1.87	\$ 0.0036	519	\$ 1.87	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	519	\$ 0.16	\$ 0.0003	519	\$ 0.16	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	500	\$ 3.50	\$ 0.0070	500	\$ 3.50	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	325	\$ 21.13	\$ 0.0650	325	\$ 21.13	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	85	\$ 8.08	\$ 0.0950	85	\$ 8.08	\$ -	0.00%
TOU - On Peak	\$ 0.1320	90	\$ 11.88	\$ 0.1320	90	\$ 11.88	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 80.22			\$ 81.31	\$ 1.09	1.36%
HST	13%		\$ 10.43	13%		\$ 10.57	\$ 0.14	1.36%
Provincial Rebate	-8%		\$ (6.42)	-8%		\$ (6.51)	\$ (0.09)	1.36%
<b>Total Bill on TOU</b>			\$ 84.23			\$ 85.38	\$ 1.14	1.36%

Customer Class:	SENTINEL LIGHTING LOAD
RPP / Non-RPP:	Non-RPP (Other)
Consumption	135 kWh
Demand	0.30 kW
Current Loss Factor	1.0379
Proposed/Approved Loss Factor	1.0379

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.48	1	\$ 5.48	\$ 5.49	1	\$ 5.49	\$ 0.01	0.18%
Distribution Volumetric Rate	\$ 15.0244	0.3	\$ 4.51	\$ 15.0521	0.3	\$ 4.52	\$ 0.01	0.18%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.02)	1	\$ (0.02)	\$ (0.02)	
Volumetric Rate Riders	\$ -	0.3	\$ -	\$ -	0.3	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 9.99			\$ 9.99	\$ (0.00)	-0.02%
Line Losses on Cost of Power	\$ 0.1061	5	\$ 0.54	\$ 0.1061	5	\$ 0.54	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.8891	0	\$ (0.27)	\$ 0.21414	0	\$ (0.06)	\$ 0.20	-75.91%
GA Rate Riders	\$ 0.0016	135	\$ 0.22	\$ 0.0029	135	\$ (0.39)	\$ (0.61)	-281.25%
Low Voltage Service Charge	\$ 0.01745	0	\$ 0.01	\$ 0.01745	0	\$ 0.01	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57		\$ -	\$ 0.57		\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 10.48			\$ 10.08	\$ (0.40)	-3.86%
RTSR - Network	\$ 2.1373	0	\$ 0.64	\$ 2.1496	0	\$ 0.64	\$ 0.00	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7069	0	\$ 0.51	\$ 1.9743	0	\$ 0.59	\$ 0.08	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 11.64			\$ 11.31	\$ (0.32)	-2.76%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	140	\$ 0.50	\$ 0.0036	140	\$ 0.50	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	140	\$ 0.04	\$ 0.0003	140	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	135	\$ 0.94	\$ 0.0070	135	\$ 0.94	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1061	135	\$ 14.28	\$ 0.1061	135	\$ 14.28	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 27.40			\$ 27.08	\$ (0.32)	-1.17%
HST	13%		\$ 3.56	13%		\$ 3.52	\$ (0.04)	-1.17%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 30.96			\$ 30.60	\$ (0.36)	-1.17%

Customer Class:	STREET LIGHTING LOAD	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	50	kWh
Demand	-	kW
Current Loss Factor	1.0379	
Proposed/Approved Loss Factor	1.0379	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.15	1	\$ 2.15	\$ 2.00	1	\$ 2.00	\$ (0.15)	-6.98%
Distribution Volumetric Rate	\$ 5.7204	50	\$ 283.16	\$ 5.3158	49.5	\$ 263.13	\$ (20.03)	-7.07%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.11)	1	\$ (0.11)	\$ (0.11)	
Volumetric Rate Riders	\$ -	50	\$ -	\$ 0.7271	49.5	\$ 35.99	\$ 35.99	
<b>Sub-Total A (excluding pass through)</b>			\$ 285.31			\$ 301.01	\$ 15.70	5.50%
Line Losses on Cost of Power	\$ 0.1061	2	\$ 0.20	\$ 0.1061	2	\$ 0.20	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.9027	50	\$ (44.68)	\$ 0.21273	50	\$ (10.53)	\$ 34.15	-76.43%
GA Rate Riders	\$ 0.0016	50	\$ 0.08	\$ 0.0029	50	\$ (0.14)	\$ (0.22)	-281.25%
Low Voltage Service Charge	\$ 0.01702	50	\$ 0.84	\$ 0.01702	50	\$ 0.84	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57		\$ -	\$ 0.57		\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 241.75			\$ 291.38	\$ 49.63	20.53%
RTSR - Network	\$ 2.0248	51	\$ 104.03	\$ 2.0364	51	\$ 104.62	\$ 0.60	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6642	51	\$ 85.50	\$ 1.9249	51	\$ 98.89	\$ 13.39	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 431.27			\$ 494.90	\$ 63.63	14.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	51	\$ 0.18	\$ 0.0036	51	\$ 0.18	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	51	\$ 0.02	\$ 0.0003	51	\$ 0.02	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25		\$ -	\$ 0.25		\$ -	\$ -	
Debt Retirement Charge (DRC)	\$ 0.0070	50	\$ 0.35	\$ 0.0070	50	\$ 0.35	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1061	50	\$ 5.25	\$ 0.1061	50	\$ 5.25	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 2.64			\$ 2.64	\$ -	0.00%
HST	13%		\$ 0.34	13%		\$ 0.34	\$ -	0.00%
8% Provincial Rebate	0%		\$ -	0%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 2.98			\$ 2.98	\$ -	0.00%

Customer Class:	UNMETERED SCATTERED LOAD		
RPP / Non-RPP:	RPP		
Consumption	250	kWh	
Demand	-	kW	
Current Loss Factor	1.0379		
Proposed/Approved Loss Factor	1.0379		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 8.47	1	\$ 8.47	\$ 8.43	1	\$ 8.43	\$ (0.04)	-0.47%
Distribution Volumetric Rate	\$ 0.0132	250	\$ 3.30	\$ 0.0131	250	\$ 3.28	\$ (0.02)	-0.76%
Fixed Rate Riders	\$ -	1	\$ -	\$ (0.09)	1	\$ (0.09)	\$ (0.09)	
Volumetric Rate Riders	\$ -	250	\$ -	\$ 0.0001	250	\$ (0.03)	\$ (0.03)	
<b>Sub-Total A (excluding pass through)</b>			\$ 11.77			\$ 11.59	\$ (0.18)	-1.53%
Line Losses on Cost of Power	\$ 0.0822	9	\$ 0.78	\$ 0.0822	9	\$ 0.78	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0025	250	\$ (0.63)	\$ 0.00059	250	\$ (0.15)	\$ 0.48	-76.32%
GA Rate Riders	\$ 0.0016		\$ -	\$ -		\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00006	250	\$ 0.02	\$ 0.00006	250	\$ 0.02	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 11.94			\$ 12.24	\$ 0.30	2.49%
RTSR - Network	\$ 0.0066	259	\$ 1.71	\$ 0.0066	259	\$ 1.72	\$ 0.01	0.58%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0054	259	\$ 1.40	\$ 0.0062	259	\$ 1.62	\$ 0.22	15.67%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 15.05			\$ 15.58	\$ 0.53	3.50%
Wholesale Market Service Charge (WMSVC)	\$ 0.0036	259	\$ 0.93	\$ 0.0036	259	\$ 0.93	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	259	\$ 0.08	\$ 0.0003	259	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	250	\$ 1.75	\$ 0.0070	250	\$ 1.75	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	163	\$ 10.56	\$ 0.0650	163	\$ 10.56	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	43	\$ 4.04	\$ 0.0950	43	\$ 4.04	\$ -	0.00%
TOU - On Peak	\$ 0.1320	45	\$ 5.94	\$ 0.1320	45	\$ 5.94	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 38.60			\$ 39.13	\$ 0.53	1.36%
HST	13%		\$ 5.02	13%		\$ 5.09	\$ 0.07	1.36%
8% Provincial Rebate	-8%		\$ (3.09)	-8%		\$ (3.13)	\$ (0.04)	1.36%
<b>Total Bill on TOU</b>			\$ 40.53			\$ 41.09	\$ 0.55	1.36%

# INCENTIVE REGULATION MODEL FOR 2018 FILERS

## Alectra - Horizon TARIFF OF RATES AND CHARGES Effective Date January 1, 2018 Implementation Date May 1, 2018

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

EB-2017-0024

### 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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	23.67
Distribution Volumetric Rate	\$/kWh	0.0040
Low Voltage Service Rate	\$/kWh	0.00006
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.16)
Rate Rider for Smart Metering Entity Charge	\$	0.57
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 - Applicable Only for Class B Customers	\$/kWh	(0.00005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kWh	(0.0006)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	0.0900
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0068

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

The application of these 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 In this class:

The application of these credits 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.

In this class:

Indigenous person includes a person who is a First Nations person, a Métis person or an Inuit person;

account-holder means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

electricity-intensive medical device means an oxygen concentrator, a mechanical ventilator or a kidney dialysis machine;

household means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;

household income means the combined annual after-tax income of all members of a household aged 18 or over.

### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of more than \$39,000 and no more than \$48,000 living in a household of three persons;

(b) account-holders with a household income of more than \$48,000 and no more than \$52,000 living in a household of five persons;

(c) if the applications are processed pursuant to an agreement with the Minister of Community and Social Services under section 79.2.1 of the Act, account-holders living in any size household where the household income exceeds the maximum amount specified for that household size in any other part of this Schedule;

but does not include account-holders in Class E.

OESP Credit \$ (35.00)

#### Class B

(a) account-holders with a household income of between \$28,000 and \$39,000 living in a household of two persons;

(b) account-holders with a household income of between \$39,000 and \$48,000 living in a household of four persons;

(c) account-holders with a household income of between \$48,000 and \$52,000 living in a household of six persons;

(d) if the applications are processed pursuant to an agreement with the Minister of Community and Social Services under section 79.2.1 of the Act, account-holders living in any size household where the household income exceeds the maximum amount specified for that household size in any other part of this Schedule;

but does not include account-holders in Class G.

OESP Credit \$ (40.00)

#### Class C

(a) account-holders with a household income of \$28,000 or less living in a household of two or less persons;

(b) account-holders with a household income of between \$28,000 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,000 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,000 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class I.

OESP Credit \$ (45.00)

#### Class D

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,000 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,000 and \$48,000 living in a household of six persons;

but does not include account-holders in Class J.

OESP Credit \$ (51.00)

#### Class E

(a) account-holders with a household income and household size described under Class A who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device

at the dwelling to which the account relates.

OESP Credit \$ (52.00)

#### Class F

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of more than \$28,000 and no more than \$39,000 living in a household of five persons;

(c) account-holders with a household income of more than \$39,000 and no more than \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class K.

OESP Credit \$ (57.00)



**Class G**

(a) account-holders with a household income and household size described under Class B who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

**Class H**

(a) account-holders with a household income of \$28,000 or less living in a household of five persons;

(b) account-holders with a household income of between \$28,000 and \$39,000 living in a household of six persons;

but does not include account-holders in Class L.

OESP Credit \$ (63.00)

**Class I**

(a) account-holders with a household income and household size described under Class C who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (68.00)

**Class J**

(a) account-holders with a household income of \$28,000 or less living in a household of six or more persons, other than account-holders

who also meet the requirements of Class M,

(b) account-holders with a household income of more than \$28,000 and no more than \$39,000 living in a household of seven or more persons, other than account-holders

who also meet the requirements of Class M, and

(c) account-holders with a household income and household size described under Class D who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Class K**

(a) account-holders with a household income and household size described under Class F who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (83.00)

**Class L**

(a) account-holders with a household income and household size described under Class H who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (90.00)

**Class M**

(a) account-holders with a household income and household size described under subparagraph (a) or (b) of the description of Class J

who also meet any of the following requirements:

The dwelling to which the account relates is heated primarily by electricity.

The account-holder or any member of the account holder's family living within the household is an Indigenous person.

The account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (113.00)

## 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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	41.23
Distribution Volumetric Rate	\$/kWh	0.0107
Low Voltage Service Rate	\$/kWh	0.00006
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.25)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kWh	(0.0001)
Rate Rider for Smart Metering Entity Charge	\$	0.57
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kWh	(0.00005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kWh	(0.0005)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	(0.1000)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0061

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE 50 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, 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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	379.58
Distribution Volumetric Rate	\$/kW	2.5568
Low Voltage Service Rate	\$/kW	0.02169
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(2.27)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0153)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kW	(0.01730)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.0575
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	0.1080
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3086)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	0.7400
Retail Transmission Rate – Network Service Rate	\$/kW	2.5869
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.4536

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	23,722.43
Distribution Volumetric Rate	\$/kW	1.3996
Low Voltage Service Rate	\$/kW	0.02492
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(142.57)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0084)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kW	(0.02611)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.2338
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	0.1418
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4569)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	(55.4400)
Retail Transmission Rate – Network Service Rate	\$/kW	2.9551
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.8195

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## LARGE USE WITH DEDICATED ASSETS 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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5,610.66
Distribution Volumetric Rate	\$/kW	0.3310
Low Voltage Service Rate	\$/kW	0.02492
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(33.55)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0020)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.0049
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	0.1635
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3761)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	12.0900
Retail Transmission Rate – Network Service Rate	\$/kW	2.9551
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.8195

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES – Delivery Component - APPROVED ON AN INTERIM BASIS

GS>50 Standby Charge	\$/kW	2.5568
Large Use Standby Charge	\$/kW	1.3996
Large Use with Dedicated Assets Standby Charge	\$/kW	0.331

## 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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	8.43
Distribution Volumetric Rate	\$/kWh	0.0131
Low Voltage Service Rate	\$/kWh	0.00006
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.05)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kWh	(0.00005)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kWh	(0.0005)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	(0.0400)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0062

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per Connection)	\$	5.49
Distribution Volumetric Rate	\$/kW	15.0521
Low Voltage Service Rate	\$/kW	0.01745
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.03)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0900)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kW	(0.01737)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	(0.1968)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	0.0100
Retail Transmission Rate – Network Service Rate	\$/kW	2.1496
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9743

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



## 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. 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per Connection)	\$	2.00
Distribution Volumetric Rate	\$/kW	5.3158
Low Voltage Service Rate	\$/kW	0.01702
Rate Rider for 2016 Earnings Sharing - Fixed	\$	(0.01)
Rate Rider for 2016 Earnings Sharing - Variable	\$/kW	(0.0343)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable Only for Class B Customers	\$/kW	(0.01726)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until April 30, 2019	\$/kW	0.7614
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers effective until April 30, 2019	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) effective until April 30, 2019	\$/kW	(0.1955)
Rate Rider for Recovery of 2018 Foregone Revenue - effective until December 31, 2018	\$	(0.1000)
Retail Transmission Rate – Network Service Rate	\$/kW	2.0364
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9249

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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**ATTACHMENT 6 – COST ALLOCATION MODEL\_HRZ**

# 2018 Cost Allocation Model

## Sheet 11 Utility Information Sheet

Version

Name of LDC: Horizon Utilities Corporation

Application EB Number: EB-2016-0077

Date of Application: 5/11/2016

**Contact Information:**

Name: Indy Butany-DeSouza

Title: Vice President Regulatory Services

Phone Number: 905-317-4765

E-Mail Address: [indy.butany@horizonutilities.com](mailto:indy.butany@horizonutilities.com)
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**\*\*Please Note: Colour Coding Legend \*\***

Input Cells	
Output Cells	
Exhibition	
Brought Forward	Brought Forward
Calculation	Calculation
Diagnostic	

**Brief Description of Each Worksheet's Function**

<b>INPUTS</b>	I1	Intro	Brief explanation of what the pages do.
	I2	LDC data and Classes	Enter LDC specific information and number of classes etc
	I3	TB Data	Forecast Trial Balance
	I4	BO ASSETS	Break out assets into detail functions - bulk deliver, primary and secondary
	I5.1	Misc Data	Input for miscellaneous data where necessary - TBD
	I5.2	Weighting Factors	Input for weighting factors to be applied to billing and services
	I6.1	Revenue	Input rates and volumes for working up revenue
	I6.2	Customer Data	Input customer related data for generating customer allocators
	I7.1	Meter Capital	Input meter related data for calculating capital costs weighing factors
	I7.2	Meter Reading	Input meter related data for calculating meter reading weighing factors
<b>OUTPUTS</b>	I8	Demand Data	Input demand allocators using load data and making LDC specific adjustments
	I9	Direct Allocation	
	O1	Revenue to cost	Output showing revenue to cost ratios, inter class subsidy etc.
	O2	Fixed Charge	Output showing the range for the Basic Customer charge - TBD
	O2.1	Line Transformer PLCC Adjustment	
	O2.2	Primary Cost PLCC Adjustment	
	O2.3	Secondary Cost PLCC Adjustment	
	O3.1	Line Tran Unit Cost	
	O3.2	Substat Tran Unit Cost	
	O3.3	Primary Cost Pool	
	O3.4	Secondary Cost Pool	
	O3.5	USL Metering Credit	
	O3.6	MicroFIT Charges	
	O4	Summary by Class	Output showing summary of all allocation by class and by US of A
	O5	Detail by Class	Output showing details of individual allocation by class and by USofA
<b>EXHIBITS</b>	O6	Source Data for E2	
	O7	Amortization	
	E1	Categorization	Exhibit showing how costs are categorized
	E2	Allocation Factors	Exhibit summarizing all allocation factors created in I5 to I8 and present the findings in percentages
	E3	PLCC	Backup documentation for calculating Peak Load Carrying Capability.
	E4	Trial Balance Index	Exhibit showing 1, how accounts are grouped for reporting, how accounts are categorized and how accounts are allocated
	E5	Reconciliation	Exhibit showing reconciliation of accounts included and excluded from the allocation study to TB balance



Ontario Energy Board

# 2018 Cost Allocation Model

**EB-2016-0077**

## **Sheet I2 Class Selection -**

### **Instructions:**

**Step 1:** Please input identification of this Run in C15 and C17

**Step 2:** Please input your proposed rate classes.

**Step 3:** After all classes have been entered, Click the "Update" button in cell E41

Please input the date on which this Run of the model was prepared or submitted

Please provide summary identification of this Run

		Utility's Class Definition	Current
1	Residential		YES
2	GS <50		YES
3	GS>50-Regular		YES
4	GS> 50-TOU		NO
5	GS >50-Intermediate	Large Use 5-14.9 MW	YES
6	Large Use >5MW	Large Use 2	YES
7	Street Light		YES
8	Sentinel		YES
9	Unmetered Scattered Load		YES
10	Embedded Distributor		NO
11	Back-up/Standby Power		YES
12	Rate Class 1		NO
13	Rate class 2		NO
14	Rate class 3		NO
15	Rate class 4		NO
16	Rate class 5		NO
17	Rate class 6		NO
18	Rate class 7		NO
19	Rate class 8		NO
20	Rate class 9		NO

**\*\* Space available for additional information about this run**



Ontario Energy Board

# 2018 Cost Allocation Model

EB-2016-0077

## Sheet I3 Trial Balance Data

### Comparisons with RRWF

RRWF Reference:

9. cell F23

9. cell F19

9. cell F22

9. cell F25

4. cell G19

Return on Deemed Equity	\$19,056,481
Income Taxes (Grossed up)	\$3,168,045
Deemed Interest Expense	\$11,222,691
Service Revenue Requirement	\$120,751,131
Revenue Requirement to be Used in this model (\$)	\$120,751,131
Rate Base (\$)	\$529,346,690
Rate Base to be Used in this model (\$)	\$529,346,690

From this Sheet

\$120,751,131

\$529,346,690

Differences?

Rev Req Matches

Rate Base Matches

### Uniform System of Accounts - Detail Accounts

USoA Account #	Accounts	Forecast Financial Statement	Model Adjustments	Reclassify accounts	Direct Allocation	Reclassified Balance
1005	Cash	\$0				\$0
1010	Cash Advances and Working Funds	\$0				\$0
1020	Interest Special Deposits	\$0				\$0
1030	Dividend Special Deposits	\$0				\$0
1040	Other Special Deposits	\$0				\$0
1060	Term Deposits	\$0				\$0
1070	Current Investments	\$0				\$0
1100	Customer Accounts Receivable	\$0				\$0
1102	Accounts Receivable - Services	\$0				\$0
1104	Accounts Receivable - Recoverable Work	\$0				\$0
1105	Accounts Receivable - Merchandise, Jobbing, etc.	\$0				\$0
1110	Other Accounts Receivable	\$0				\$0
1120	Accrued Utility Revenues	\$0				\$0
1130	Accumulated Provision for Uncollectible Accounts--Credit	\$0				\$0
1140	Interest and Dividends Receivable	\$0				\$0
1150	Rents Receivable	\$0				\$0
1170	Notes Receivable	\$0				\$0
1180	Prepayments	\$0				\$0
1190	Miscellaneous Current and Accrued Assets	\$0				\$0
1200	Accounts Receivable from Associated Companies	\$0				\$0
1210	Notes Receivable from Associated Companies	\$0				\$0
1305	Fuel Stock	\$0				\$0
1330	Plant Materials and Operating Supplies	\$0				\$0
1340	Merchandise	\$0				\$0
1350	Other Materials and Supplies	\$0				\$0
1405	Long Term Investments in Non-Associated Companies	\$0				\$0
1408	Long Term Receivable - Street Lighting Transfer	\$0				\$0
1410	Other Special or Collateral Funds	\$0				\$0
1415	Sinking Funds	\$0				\$0
1425	Unamortized Debt Expense	\$0				\$0
1445	Unamortized Discount on Long-Term Debt--Debit	\$0				\$0
1455	Unamortized Deferred Foreign Currency Translation Gains and Losses	\$0				\$0
1460	Other Non-Current Assets	\$0				\$0
1465	O.M.E.R.S. Past Service Costs	\$0				\$0
1470	Past Service Costs - Employee Future Benefits	\$0				\$0
1475	Past Service Costs - Other Pension Plans	\$0				\$0

1480	Portfolio Investments - Associated Companies	\$0				\$0
1485	Investment in Associated Companies - Significant Influence	\$0				\$0
1490	Investment in Subsidiary Companies	\$0				\$0
1505	Unrecovered Plant and Regulatory Study Costs	\$0				\$0
1508	Other Regulatory Assets	\$0				\$0
1510	Preliminary Survey and Investigation Charges	\$0				\$0
1515	Emission Allowance Inventory	\$0				\$0
1516	Emission Allowances Withheld	\$0				\$0
1518	RCVARetail	\$0				\$0
1520	Power Purchase Variance Account	\$0				\$0
1521	Special Purpose Charge Assessment Variance Account					\$0
1525	Miscellaneous Deferred Debits	\$0				\$0
1530	Deferred Losses from Disposition of Utility Plant	\$0				\$0
1531	Renewable Connection Capital Deferral Account					\$0
1532	Renewable Connection OM&A Deferral Account					\$0
1533	Renewable Connection Funding Adder Deferral Account					\$0
1534	Smart Grid Capital Deferral Account					\$0
1535	Smart Grid OM&A Deferral Account					\$0
1536	Smart Grid Funding Adder Deferral Account					\$0
1540	Unamortized Loss on Reacquired Debt	\$0				\$0
1545	Development Charge Deposits/ Receivables	\$0				\$0
1548	RCVASTR	\$0				\$0
1550	LV Variance Account					\$0
1555	Smart Meter Capital and Recovery Variance Account					\$0
1556	Smart Meter OM&A Variance Account					\$0
1560	Deferred Development Costs	\$0				\$0
1562	Deferred Payments in Lieu of Taxes	\$0				\$0
1563	Account 1563 - Deferred PILs Contra Account	\$0				\$0
1565	Conservation and Demand Management Expenditures and Recoveries	\$0				\$0
1566	CDM Contra Account					\$0
1567	Bd-approved CDM Variance Account					\$0
1568	LRAM Variance Account					\$0
1570	Qualifying Transition Costs	\$0				\$0
1571	Pre-market Opening Energy Variance	\$0				\$0
1572	Extraordinary Event Costs	\$0				\$0
1574	Deferred Rate Impact Amounts	\$0				\$0
1575	IFRS -CGAAP Transition PP&E Amounts					\$0
1576	Accounting Changes under CGAAP					\$0
1580	RSVAWMS	\$0				\$0
1582	RSVAONE-TIME					\$0
1584	RSVANW	\$0				\$0
1586	RSVACN	\$0				\$0
1588	RSVAPOWER	\$0				\$0
1589	RSVA-GA					\$0
1590	Recovery of Regulatory Asset Balances	\$0				\$0
1592	2006 PILs Variance					\$0
1595	Reg Balance Control Account					\$0
1605	Electric Plant in Service - Control Account	\$0				\$0
1606	Organization	\$0				\$0
1608	Franchises and Consents	\$0				\$0
1610	Miscellaneous Intangible Plant	\$0				\$0
1615	Land	\$0				\$0
1616	Land Rights	\$0				\$0
1620	Buildings and Fixtures	\$0				\$0
1630	Leasehold Improvements	\$0				\$0
1635	Boiler Plant Equipment	\$0				\$0
1640	Engines and Engine-Driven Generators	\$0				\$0
1645	Turbogenerator Units	\$0				\$0
1650	Reservoirs, Dams and Waterways	\$0				\$0
1655	Water Wheels, Turbines and Generators	\$0				\$0
1660	Roads, Railroads and Bridges	\$0				\$0
1665	Fuel Holders, Producers and Accessories	\$0				\$0
1670	Prime Movers	\$0				\$0
1675	Generators	\$0				\$0
1680	Accessory Electric Equipment	\$0				\$0
1685	Miscellaneous Power Plant Equipment	\$0				\$0
1705	Land	\$0				\$0
1706	Land Rights	\$0				\$0
1708	Buildings and Fixtures	\$0				\$0
1710	Leasehold Improvements	\$0				\$0
1715	Station Equipment	\$0				\$0
1720	Towers and Fixtures	\$0				\$0
1725	Poles and Fixtures	\$0				\$0
1730	Overhead Conductors and Devices	\$0				\$0
1735	Underground Conduit	\$0				\$0
1740	Underground Conductors and Devices	\$0				\$0
1745	Roads and Trails	\$0				\$0
1805	Land	\$367,071				\$367,071
1806	Land Rights	\$0				\$0
1808	Buildings and Fixtures	\$801,349				\$801,349
1810	Leasehold Improvements	\$0				\$0
1815	Transformer Station Equipment - Normally Primary above 50 kV	\$0				\$0
1820	Distribution Station Equipment - Normally Primary below 50 kV	\$14,843,323				\$14,843,323
1825	Storage Battery Equipment	\$0				\$0
1830	Poles, Towers and Fixtures	\$99,155,998				\$99,155,998
1835	Overhead Conductors and Devices	\$67,598,318				\$67,598,318
1840	Underground Conduit	\$81,307,601		\$319,105		\$80,988,496
1845	Underground Conductors and Devices	\$94,389,323		\$5,580,995		\$88,808,328
1850	Line Transformers	\$93,125,394				\$93,125,394

1855	Services	\$31,538,935				\$31,538,935
1860	Meters	\$44,566,522				\$44,566,522
	blank row					
1865	Other Installations on Customer's Premises	\$0				\$0
1870	Leased Property on Customer Premises	\$0				\$0
1875	Street Lighting and Signal Systems	\$0				\$0
1905	Land	\$1,067,629				\$1,067,629
1906	Land Rights	\$90,487				\$90,487
1908	Buildings and Fixtures	\$32,171,449				\$32,171,449
1910	Leasehold Improvements	\$0				\$0
1915	Office Furniture and Equipment	\$3,931,396				\$3,931,396
1920	Computer Equipment - Hardware	\$11,701,074				\$11,701,074
1925	Computer Software	\$17,735,829				\$17,735,829
1930	Transportation Equipment	\$11,619,500				\$11,619,500
1935	Stores Equipment	\$417,864				\$417,864
1940	Tools, Shop and Garage Equipment	\$5,448,895				\$5,448,895
1945	Measurement and Testing Equipment	\$1,505,648				\$1,505,648
1950	Power Operated Equipment	\$35,360				\$35,360
1955	Communication Equipment	\$2,009,555				\$2,009,555
1960	Miscellaneous Equipment	\$0				\$0
1965	Water Heater Rental Units	\$0				\$0
1970	Load Management Controls - Customer Premises	\$312,338				\$312,338
1975	Load Management Controls - Utility Premises	\$0				\$0
1980	System Supervisory Equipment	\$1,882,817				\$1,882,817
1985	Sentinel Lighting Rental Units	\$0				\$0
1990	Other Tangible Property	\$0				\$0
1995	Contributions and Grants - Credit	(\$14,506,035)				(\$14,506,035)
2005	Property Under Capital Leases	\$900,000				\$900,000
2010	Electric Plant Purchased or Sold	\$0				\$0
2020	Experimental Electric Plant Unclassified	\$0				\$0
2030	Electric Plant and Equipment Leased to Others	\$0				\$0
2040	Electric Plant Held for Future Use	\$0				\$0
2050	Completed Construction Not Classified--Electric	\$0				\$0
2055	Construction Work in Progress--Electric	\$0				\$0
2060	Electric Plant Acquisition Adjustment	\$0				\$0
2065	Other Electric Plant Adjustment	\$0				\$0
2070	Other Utility Plant	\$0				\$0
2075	Non-Utility Property Owned or Under Capital Leases	\$0				\$0
2105	Accum. Amortization of Electric Utility Plant - Property, Plant, & Equipment	(\$150,106,770)				(\$150,106,770)
2120	Accumulated Amortization of Electric Utility Plant - Intangibles	\$0				\$0
2140	Accumulated Amortization of Electric Plant Acquisition Adjustment	\$0				\$0
2160	Accumulated Amortization of Other Utility Plant	\$0				\$0
2180	Accumulated Amortization of Non-Utility Property	\$0				\$0
2205	Accounts Payable	\$0				\$0
2208	Customer Credit Balances	\$0				\$0
2210	Current Portion of Customer Deposits	\$0				\$0
2215	Dividends Declared	\$0				\$0
2220	Miscellaneous Current and Accrued Liabilities	\$0				\$0
2225	Notes and Loans Payable	\$0				\$0
2240	Accounts Payable to Associated Companies	\$0				\$0
2242	Notes Payable to Associated Companies	\$0				\$0
2250	Debt Retirement Charges( DRC) Payable	\$0				\$0
2252	Transmission Charges Payable	\$0				\$0
2254	Electrical Safety Authority Fees Payable	\$0				\$0
2256	Independent Market Operator Fees and Penalties Payable	\$0				\$0
2260	Current Portion of Long Term Debt	\$0				\$0
2262	Ontario Hydro Debt - Current Portion	\$0				\$0
2264	Pensions and Employee Benefits - Current Portion	\$0				\$0
2268	Accrued Interest on Long Term Debt	\$0				\$0
2270	Matured Long Term Debt	\$0				\$0
2272	Matured Interest on Long Term Debt	\$0				\$0
2285	Obligations Under Capital Leases--Current	\$0				\$0
2290	Commodity Taxes	\$0				\$0
2292	Payroll Deductions / Expenses Payable	\$0				\$0
2294	Accrual for Taxes, Payments in Lieu of Taxes, Etc.	\$0				\$0
2296	Future Income Taxes - Current	\$0				\$0
2305	Accumulated Provision for Injuries and Damages	\$0				\$0
2306	Employee Future Benefits	\$0				\$0
2308	Other Pensions - Past Service Liability	\$0				\$0
2310	Vested Sick Leave Liability	\$0				\$0
2315	Accumulated Provision for Rate Refunds	\$0				\$0
2320	Other Miscellaneous Non-Current Liabilities	\$0				\$0
2325	Obligations Under Capital Lease--Non-Current	\$0				\$0
2330	Development Charge Fund	\$0				\$0
2335	Long Term Customer Deposits	\$0				\$0
2340	Collateral Funds Liability	\$0				\$0
2345	Unamortized Premium on Long Term Debt	\$0				\$0
2348	O.M.E.R.S. - Past Service Liability - Long Term Portion	\$0				\$0
2350	Future Income Tax - Non-Current	\$0				\$0
2405	Other Regulatory Liabilities	\$0				\$0
2410	Deferred Gains from Disposition of Utility Plant	\$0				\$0
2415	Unamortized Gain on Reacquired Debt	\$0				\$0
2425	Other Deferred Credits	\$0				\$0
2435	Accrued Rate-Payer Benefit	\$0				\$0
2505	Debentures Outstanding - Long Term Portion	\$0				\$0
2510	Debenture Advances	\$0				\$0
2515	Reacquired Bonds	\$0				\$0
2520	Other Long Term Debt	\$0				\$0
2525	Term Bank Loans - Long Term Portion	\$0				\$0
2530	Ontario Hydro Debt Outstanding - Long Term Portion	\$0				\$0
2550	Advances from Associated Companies	\$0				\$0



3005	Common Shares Issued	\$0				\$0
3008	Preference Shares Issued	\$0				\$0
3010	Contributed Surplus	\$0				\$0
3020	Donations Received	\$0				\$0
3022	Development Charges Transferred to Equity	\$0				\$0
3026	Capital Stock Held in Treasury	\$0				\$0
3030	Miscellaneous Paid-In Capital	\$0				\$0
3035	Installments Received on Capital Stock	\$0				\$0
3040	Appropriated Retained Earnings	\$0				\$0
3045	Unappropriated Retained Earnings	\$0				\$0
3046	Balance Transferred From Income	\$0	\$0		\$269,823	(\$18,786,658)
3047	Appropriations of Retained Earnings - Current Period	\$0				\$0
3048	Dividends Payable-Preference Shares	\$0				\$0
3049	Dividends Payable-Common Shares	\$0				\$0
3055	Adjustment to Retained Earnings	\$0				\$0
3065	Unappropriated Undistributed Subsidiary Earnings	\$0				\$0
3075	Non-Utility Shareholders' Equity					\$0
4006	Residential Energy Sales	\$0				\$0
4010	Commercial Energy Sales	\$0				\$0
4015	Industrial Energy Sales	\$0				\$0
4020	Energy Sales to Large Users	\$0				\$0
4025	Street Lighting Energy Sales	\$0				\$0
4030	Sentinel Lighting Energy Sales	\$0				\$0
4035	General Energy Sales	\$0				\$0
4040	Other Energy Sales to Public Authorities	\$0				\$0
4045	Energy Sales to Railroads and Railways	\$0				\$0
4050	Revenue Adjustment	\$0				\$0
4055	Energy Sales for Resale	\$0				\$0
4060	Interdepartmental Energy Sales	\$0				\$0
4062	Billed WMS	\$0				\$0
4064	Billed-One-Time	\$0				\$0
4066	Billed NW	\$0				\$0
4068	Billed CN	\$0				\$0
4069	Billed LV					\$0
4080	Distribution Services Revenue					\$0
4082	Retail Services Revenues	(\$993,445)				(\$993,445)
4084	Service Transaction Requests (STR) Revenues	(\$7,703)				(\$7,703)
4086	SSS Admin Charge					\$0
4090	Electric Services Incidental to Energy Sales	\$0				\$0
4105	Transmission Charges Revenue	\$0				\$0
4110	Transmission Services Revenue	\$0				\$0
4205	Interdepartmental Rents	\$0				\$0
4210	Rent from Electric Property	(\$1,553,395)				(\$1,553,395)
4215	Other Utility Operating Income	\$0				\$0
4220	Other Electric Revenues	\$0				\$0
4225	Late Payment Charges	(\$875,000)				(\$875,000)
4230	Sales of Water and Water Power	\$0				\$0
4235	Miscellaneous Service Revenues					\$0
4235-1	Account Set Up Charges	(\$1,417,510)				(\$1,417,510)
4235-90	Miscellaneous Service Revenues - Residual	\$0				\$0
4240	Provision for Rate Refunds	\$0				\$0
4245	Government Assistance Directly Credited to Income	(\$1,148,000)				(\$1,148,000)
4305	Regulatory Debits	\$0				\$0
4310	Regulatory Credits	\$0				\$0
4315	Revenues from Electric Plant Leased to Others	\$0				\$0
4320	Expenses of Electric Plant Leased to Others	\$0				\$0
4324	Special Purpose Charge Recovery					\$0
4325	Revenues from Merchandise, Jobbing, Etc.	(\$347,165)				(\$347,165)
4330	Costs and Expenses of Merchandising, Jobbing, Etc.	\$0				\$0
4335	Profits and Losses from Financial Instrument Hedges	\$0				\$0
4340	Profits and Losses from Financial Instrument Investments	\$0				\$0
4345	Gains from Disposition of Future Use Utility Plant	\$0				\$0
4350	Losses from Disposition of Future Use Utility Plant	\$0				\$0
4355	Gain on Disposition of Utility and Other Property	\$0				\$0
4360	Loss on Disposition of Utility and Other Property	\$2,387,296				\$2,387,296
4365	Gains from Disposition of Allowances for Emission	\$0				\$0
4370	Losses from Disposition of Allowances for Emission	\$0				\$0
4375	Revenues from Non-Utility Operations	\$0				\$0
4380	Expenses of Non-Utility Operations	\$0				\$0
4385	Non-Utility Rental Income	\$0				\$0
4390	Miscellaneous Non-Operating Income	(\$601,883)				(\$601,883)
4395	Rate-Payer Benefit Including Interest	\$0				\$0
4398	Foreign Exchange Gains and Losses, Including Amortization	\$0				\$0
4405	Interest and Dividend Income	(\$70,098)				(\$70,098)
4415	Equity in Earnings of Subsidiary Companies	\$0				\$0
4505	Operation Supervision and Engineering	\$0				\$0
4510	Fuel	\$0				\$0
4515	Steam Expense	\$0				\$0
4520	Steam From Other Sources	\$0				\$0
4525	Steam Transferred--Credit	\$0				\$0
4530	Electric Expense	\$0				\$0
4535	Water For Power	\$0				\$0
4540	Water Power Taxes	\$0				\$0
4545	Hydraulic Expenses	\$0				\$0
4550	Generation Expense	\$0				\$0
4555	Miscellaneous Power Generation Expenses	\$0				\$0
4560	Rents	\$0				\$0
4565	Allowances for Emissions	\$0				\$0
4605	Maintenance Supervision and Engineering	\$0				\$0
4610	Maintenance of Structures	\$0				\$0
4615	Maintenance of Boiler Plant	\$0				\$0
4620	Maintenance of Electric Plant	\$0				\$0
4625	Maintenance of Reservoirs, Dams and Waterways	\$0				\$0

4630	Maintenance of Water Wheels, Turbines and Generators	\$0				\$0
4635	Maintenance of Generating and Electric Plant	\$0				\$0
4640	Maintenance of Miscellaneous Power Generation Plant	\$0				\$0
4705	Power Purchased	\$248,356,618				\$248,356,618
4708	Charges-WMS	\$19,230,919				\$19,230,919
4710	Cost of Power Adjustments	\$222,871,782				\$222,871,782
4712	Charges-One-Time	\$0				\$0
4714	Charges-NW	\$37,946,549				\$37,946,549
4715	System Control and Load Dispatching	\$0				\$0
4716	Charges-CN	\$35,620,266				\$35,620,266
4720	Other Expenses	\$0				\$0
4725	Competition Transition Expense	\$0				\$0
4730	Rural Rate Assistance Expense	\$0				\$0
4750	Charges-LV	\$313,362				\$313,362
4751	Charges - Smart Metering Entity Charge	\$1,655,861				\$1,655,861
4805	Operation Supervision and Engineering	\$0				\$0
4810	Load Dispatching	\$0				\$0
4815	Station Buildings and Fixtures Expenses	\$0				\$0
4820	Transformer Station Equipment - Operating Labour	\$0				\$0
4825	Transformer Station Equipment - Operating Supplies and Expense	\$0				\$0
4830	Overhead Line Expenses	\$0				\$0
4835	Underground Line Expenses	\$0				\$0
4840	Transmission of Electricity by Others	\$0				\$0
4845	Miscellaneous Transmission Expense	\$0				\$0
4850	Rents	\$0				\$0
4905	Maintenance Supervision and Engineering	\$0				\$0
4910	Maintenance of Transformer Station Buildings and Fixtures	\$0				\$0
4916	Maintenance of Transformer Station Equipment	\$0				\$0
4930	Maintenance of Towers, Poles and Fixtures	\$0				\$0
4935	Maintenance of Overhead Conductors and Devices	\$0				\$0
4940	Maintenance of Overhead Lines - Right of Way	\$0				\$0
4945	Maintenance of Overhead Lines - Roads and Trails Repairs	\$0				\$0
4950	Maintenance of Overhead Lines - Snow Removal from Roads and Trails	\$0				\$0
4960	Maintenance of Underground Lines	\$0				\$0
4965	Maintenance of Miscellaneous Transmission Plant	\$0				\$0
5005	Operation Supervision and Engineering	\$5,205,787				\$5,205,787
5010	Load Dispatching	\$2,436,626				\$2,436,626
5012	Station Buildings and Fixtures Expense	\$653,074				\$653,074
5014	Transformer Station Equipment - Operation Labour	\$0				\$0
5015	Transformer Station Equipment - Operation Supplies and Expenses	\$0				\$0
5016	Distribution Station Equipment - Operation Labour	\$143,920				\$143,920
5017	Distribution Station Equipment - Operation Supplies and Expenses	\$308,585				\$308,585
5020	Overhead Distribution Lines and Feeders - Operation Labour	\$249,826				\$249,826
5025	Overhead Distribution Lines & Feeders - Operation Supplies and Expenses	\$741,393				\$741,393
5030	Overhead Subtransmission Feeders - Operation	\$0				\$0
5035	Overhead Distribution Transformers- Operation	\$727				\$727
5040	Underground Distribution Lines and Feeders - Operation Labour	\$293,274				\$293,274
5045	Underground Distribution Lines & Feeders - Operation Supplies & Expenses	\$892,888				\$892,888
5050	Underground Subtransmission Feeders - Operation	\$0				\$0
5055	Underground Distribution Transformers - Operation	\$5,366				\$5,366
5060	Street Lighting and Signal System Expense	\$0				\$0
5065	Meter Expense	\$5,341,233				\$5,341,233
5070	Customer Premises - Operation Labour	\$645,737				\$645,737
5075	Customer Premises - Materials and Expenses	\$62,462				\$62,462
5085	Miscellaneous Distribution Expense	\$11,142,587				\$11,142,587
5090	Underground Distribution Lines and Feeders - Rental Paid	\$0				\$0
5095	Overhead Distribution Lines and Feeders - Rental Paid	\$0				\$0
5096	Other Rent	\$326,525				\$326,525
5105	Maintenance Supervision and Engineering	\$39,925				\$39,925
5110	Maintenance of Buildings and Fixtures - Distribution Stations	\$369,437				\$369,437
5112	Maintenance of Transformer Station Equipment	\$0				\$0
5114	Maintenance of Distribution Station Equipment	\$381,133				\$381,133
5120	Maintenance of Poles, Towers and Fixtures	\$52,745				\$52,745
5125	Maintenance of Overhead Conductors and Devices	\$898,928				\$898,928
5130	Maintenance of Overhead Services	\$102,610				\$102,610
5135	Overhead Distribution Lines and Feeders - Right of Way	\$997,095				\$997,095
5145	Maintenance of Underground Conduit	\$125,520				\$125,520
5150	Maintenance of Underground Conductors and Devices	\$516,222				\$516,222
5155	Maintenance of Underground Services	\$22,415				\$22,415
5160	Maintenance of Line Transformers	\$163,637				\$163,637
5165	Maintenance of Street Lighting and Signal Systems	\$0				\$0
5170	Sentinel Lights - Labour	\$0				\$0
5172	Sentinel Lights - Materials and Expenses	\$0				\$0
5175	Maintenance of Meters	\$138,467				\$138,467
5178	Customer Installations Expenses- Leased Property	\$0				\$0
5185	Water Heater Rentals - Labour	\$0				\$0
5186	Water Heater Rentals - Materials and Expenses	\$0				\$0
5190	Water Heater Controls - Labour	\$0				\$0
5192	Water Heater Controls - Materials and Expenses	\$0				\$0

5195	Maintenance of Other Installations on Customer Premises	\$0				\$0
5205	Purchase of Transmission and System Services	\$0				\$0
5210	Transmission Charges	\$0				\$0
5215	Transmission Charges Recovered	\$0				\$0
5305	Supervision	\$0				\$0
5310	Meter Reading Expense	\$0				\$0
5315	Customer Billing	\$0				\$0
5320	Collecting	\$184,381				\$184,381
5325	Collecting- Cash Over and Short	\$0				\$0
5330	Collection Charges	\$0				\$0
5335	Bad Debt Expense	\$1,511,268				\$1,511,268
5340	Miscellaneous Customer Accounts Expenses	\$9,013,584				\$9,013,584
5405	Supervision	\$0				\$0
5410	Community Relations - Sundry	\$0				\$0
5415	Energy Conservation	\$0				\$0
5420	Community Safety Program	\$0				\$0
5425	Miscellaneous Customer Service and Informational Expenses	\$0				\$0
5505	Supervision	\$0				\$0
5510	Demonstrating and Selling Expense	\$0				\$0
5515	Advertising Expense	\$0				\$0
5520	Miscellaneous Sales Expense	\$0				\$0
5605	Executive Salaries and Expenses	\$2,227,915				\$2,227,915
5610	Management Salaries and Expenses	\$3,804,424				\$3,804,424
5615	General Administrative Salaries and Expenses	\$2,815,079				\$2,815,079
5620	Office Supplies and Expenses	\$3,114,251				\$3,114,251
5625	Administrative Expense Transferred Credit	(\$1,803,673)				(\$1,803,673)
5630	Outside Services Employed	\$2,590,409				\$2,590,409
5635	Property Insurance	\$152,926				\$152,926
5640	Injuries and Damages	\$570,626				\$570,626
5645	Employee Pensions and Benefits	\$1,529,345				\$1,529,345
5650	Franchise Requirements	\$0				\$0
5655	Regulatory Expenses	\$1,258,691				\$1,258,691
5660	General Advertising Expenses	\$14,647				\$14,647
5665	Miscellaneous General Expenses	\$1,102,431				\$1,102,431
5670	Rent	\$0				\$0
5675	Maintenance of General Plant	\$1,822,606				\$1,822,606
5680	Electrical Safety Authority Fees	\$0				\$0
5681	Special Purpose Charge Expense	\$0				\$0
5685	Independent Market Operator Fees and Penalties	\$0				\$0
5705	Amortization Expense - Property, Plant, and Equipment	\$21,565,227		\$146,880		\$21,418,347
5710	Amortization of Limited Term Electric Plant	\$1,239,296				\$1,239,296
5715	Amortization of Intangibles and Other Electric Plant	\$1,862,934				\$1,862,934
5720	Amortization of Electric Plant Acquisition Adjustments	\$0				\$0
5725	Miscellaneous Amortization	\$0				\$0
5730	Amortization of Unrecovered Plant and Regulatory Study Costs	\$0				\$0
5735	Amortization of Deferred Development Costs	\$0				\$0
5740	Amortization of Deferred Charges	\$0				\$0
6005	Interest on Long Term Debt	\$0	\$0	\$158,903		\$11,063,788
6010	Amortization of Debt Discount and Expense	\$0				\$0
6015	Amortization of Premium on Debt Credit	\$0				\$0
6020	Amortization of Loss on Reacquired Debt	\$0				\$0
6025	Amortization of Gain on Reacquired Debt--Credit	\$0				\$0
6030	Interest on Debt to Associated Companies	\$0				\$0
6035	Other Interest Expense	\$0				\$0
6040	Allowance for Borrowed Funds Used During Construction--Credit	\$0				\$0
6042	Allowance For Other Funds Used During Construction	\$0				\$0
6045	Interest Expense on Capital Lease Obligations	\$0				\$0
6105	Taxes Other Than Income Taxes	\$313,902				\$313,902
6110	Income Taxes	\$7,139,608	(\$7,139,608)	\$44,857		\$3,123,189
6115	Provision for Future Income Taxes	\$0				\$0
6205	Donations	\$0				\$0
6205-1	Sub-account LEAP Funding	\$155,503				\$155,503
6210	Life Insurance	\$0				\$0
6215	Penalties	\$0				\$0
6225	Other Deductions	\$0				\$0
6305	Extraordinary Income	\$0				\$0
6310	Extraordinary Deductions	\$0				\$0
6315	Income Taxes, Extraordinary Items	\$0				\$0
6405	Discontinues Operations - Income/ Gains	\$0				\$0
6410	Discontinued Operations - Deductions/ Losses	\$0				\$0
6415	Income Taxes, Discontinued Operations	\$0				\$0

\$0



Reclassification Equals to Zero. O.K. to Proceed.

Asset Accounts Directly Allocated

\$5,900,100

**Sheet I4 Break Out Worksheet -**

**\*\*Please see Instructions tab for detailed instructions\*\***

RATE BASE AND DISTRIBUTION ASSETS		BALANCE SHEET ITEMS									EXPENSE ITEMS			
											\$705	\$710	\$715	\$720
Account	Description	Break out Functions	BREAK OUT (%)	BREAK OUT (\$)	After BO	Contributed Capital - 1995	Accumulated Depreciation - 2105 Capital Contribution	Accumulated Depreciation - 2105 Fixed Assets Only	Accumulated Depreciation - 2120	Asset net of Accumulated Depreciation and Contributed Capital	Amortization Expense - Property, Plant, and Equipment	Amortization of Limited Term Electric Plant	Amortization of Intangibles and Other Electric Plant	Amortization of Electric Plant Acquisition Adjustments
1565	Conservation and Demand Management	\$0		-	-					-				
1805	Land	\$367,071		(\$367,071)	-									
1805-1	Land Station >50 kV			\$0	-									
1805-2	Land Station <=50 kV		100.00%	\$367,071	367,071					367,071				
1806	Land Rights	\$0		\$0	-									
1806-1	Land Rights Station >50 kV			\$0	-									
1806-2	Land Rights Station <=50 kV		100.00%	\$0	-									
1808	Buildings and Fixtures	\$801,349		(\$801,349)	-									
1808-1	Buildings and Fixtures > 50 kV			\$0	-									
1808-2	Buildings and Fixtures <= 50 kV		100.00%	\$801,349	801,349		\$	(601,283)		300,066	\$41,888			
1810	Leasehold Improvements	\$0		(\$0)	-									
1810-1	Leasehold Improvements >50 kV			\$0	-									
1810-2	Leasehold Improvements <=50 kV		100.00%	\$0	0					0				
1815	Transformer Station Equipment - Normally Primary above 50 kV	\$0		\$0	-									
1820	Distribution Station Equipment - Normally Primary below 50 kV	\$14,843,323		(\$14,843,323)	-					-				
1820	Distribution Station Equipment - Normally Primary below 50 kV (Bulk)			\$0	-					-	\$			
1820	Distribution Station Equipment - Normally Primary below 50 kV (Primary)		93.19%	\$13,832,492	13,832,492					11,978,281	\$	363,883		
1820	Distribution Station Equipment - Normally Primary below 50 kV (Wholesale Meters)		6.81%	\$1,010,830	1,010,830					875,331				
1825	Storage Battery Equipment	\$0		\$0	-									
1825	Storage Battery Equipment > 50 kV			\$0	-					-				
1825	Storage Battery Equipment <=50 kV		100.00%	\$0	-					-				
1830	Poles, Towers and Fixtures	\$99,155,998		(\$99,155,998)	-									
1830	Poles, Towers and Fixtures - Subtransmission Bulk Delivery			\$0	-									
1830	Poles, Towers and Fixtures - Primary		52.10%	\$51,660,275	51,660,275	(\$1,744,070)	\$1,137,655	(7,706,242)		43,347,618	\$	1,132,158	\$140,001	\$223,982
1830	Poles, Towers and Fixtures - Secondary		47.90%	\$47,495,723	47,495,723	(\$1,603,473)	\$1,045,944	(7,085,009)		39,853,185	\$	1,040,890	\$136,990	\$205,926
1835	Overhead Conductors and Devices	\$67,598,318		(\$67,598,318)	-									
1835-3	Overhead Conductors and Devices Subtransmission Bulk Delivery			\$0	-	\$0				-				
1835-4	Overhead Conductors and Devices Primary		61.27%	\$41,417,490	41,417,490	(\$1,598,269)	\$912,090	(4,859,588)		36,071,724	\$	631,625	\$119,459	\$179,672
1835-5	Overhead Conductors and Devices Secondary		38.73%	\$26,180,829	26,180,829	(\$883,874)	\$576,550	(3,071,842)		22,801,663	\$	399,199	\$75,512	\$113,511
1840	Underground Conduit	\$80,988,496		(\$80,988,496)	-									
1840-3	Underground Conduit - Bulk Delivery			\$0	-	\$0								
1840-4	Underground Conduit - Primary		98.00%	\$79,365,726	79,365,726	(\$2,673,517)	\$1,747,846	(2,369,746)		76,067,300	\$	(24,315)	\$228,919	\$344,116
1840-5	Underground Conduit - Secondary		2.00%	\$1,619,770	1,619,770	(\$0,4884)	\$36,670	(48,362)		1,552,394	\$	(496)	\$4,872	\$7,023
1845	Underground Conductors and Devices	\$88,808,328		(\$88,808,328)	-									
1845-3	Underground Conductors and Devices - Bulk Delivery			\$0	-	\$0								
1845-4	Underground Conductors and Devices - Primary		68.44%	\$60,780,419	60,780,419	(\$2,051,969)	\$1,338,497	(4,258,083)		45,808,865	\$	1,764,708	\$175,306	\$263,624
1845-5	Underground Conductors and Devices - Secondary		31.56%	\$28,027,908	28,027,908	(\$246,232)	\$617,226	(6,574,804)		21,124,018	\$	881,494	\$80,840	\$121,520
1850	Line Transformers	\$93,125,394		\$0	93,125,394	(\$3,143,947)	\$2,950,793	(34,259,019)		57,773,225	\$	6,309,723	\$268,597	\$403,761
1855	Services	\$31,538,935		\$0	31,538,935			(3,796,541)		27,742,394	\$	731,816		
1860	Meters	\$44,566,522		\$0	44,566,522			(19,429,774)		25,136,747	\$	2,863,781		
Total		\$521,793,733		\$0	\$521,793,733	(\$1,506,035)	\$9,462,272	(\$105,950,078)	\$0	410,799,892	\$15,162,849	\$1,239,296	\$1,862,934	\$0
SUB TOTAL FROM I3		\$521,793,733												

# 2018 Cost Allocation Model

**EB-2016-0077**
**Sheet 14 Break Out Worksheet -**
**Instructions:**

This is an input sheet for the Break Out of Distribution Assets, Contributed Capital, Amortization, and Amortization Expenses  
 "Please see Instructions tab for detailed instructions"

Enter Net Fixed Assets from the Revenue Requirement Work Form, Rate Base sheet, cell G15	\$453,910,872
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RATE BASE AND DISTRIBUTION ASSETS		BALANCE SHEET ITEMS									EXPENSE ITEMS			
											5705	5710	5715	5720
Account	Description	Break out Functions	BREAK OUT (%)	BREAK OUT (\$)	After BO	Contributed Capital - 1995	Accumulated Depreciation - 2105 Capital Contribution	Accumulated Depreciation - 2105 Fixed Assets Only	Accumulated Depreciation - 2120	Asset net of Accumulated Depreciation and Contributed Capital	Amortization Expense - Property, Plant, and Equipment	Amortization of Limited Term Electric Plant	Amortization of Intangibles and Other Electric Plant	Amortization of Electric Plant Acquisition Adjustments
General Plant		Break out Functions				Contributed Capital - 1995	Accumulated Depreciation - 2105 Capital Contribution	Accumulated Depreciation - 2105 Fixed Assets Only	Accumulated Depreciation - 2120	Net Asset	5705 Amortization Expense - Property, Plant, and Equipment	5710 Amortization of Limited Term Electric Plant	5715 Amortization of Intangibles and Other Electric Plant	5720 Amortization of Electric Plant Acquisition Adjustments
1905	Land	\$1,067,629			1,067,629					\$ 1,067,629	\$0			
1906	Land Rights	\$90,487			90,487			\$ (25,026)		\$ 65,461	\$3,337			
1908	Buildings and Fixtures	\$32,171,448			32,171,448			\$ (8,742,550)		\$ 23,428,900	\$1,050,891			
1910	Leasehold Improvements	\$0								\$	\$0			
1915	Office Furniture and Equipment	\$3,931,398			3,931,398			\$ (2,851,228)		\$ 1,080,169	\$377,448			
1920	Computer Equipment - Hardware	\$11,701,074			11,701,074			\$ (9,563,160)		\$ 2,137,914	\$1,514,620			
1925	Computer Software	\$17,735,829			17,735,829			\$ (15,831,218)		\$ 1,904,611	\$1,044,242			
1930	Transportation Equipment	\$11,619,500			11,619,500			\$ (9,241,271)		\$ 2,378,229	\$1,046,634			
1935	Stores Equipment	\$417,864			417,864			\$ (377,486)		\$ 40,378	\$45,278			
1940	Tools, Shop and Garage Equipment	\$5,448,895			5,448,895			\$ (3,005,848)		\$ 2,443,047	\$478,845			
1945	Measurement and Testing Equipment	\$1,505,648			1,505,648			\$ (959,060)		\$ 546,582	\$136,919			
1950	Power Operated Equipment	\$35,360			35,360			\$ (35,364)		\$	\$0			
1955	Communication Equipment	\$2,009,555			2,009,555			\$ (1,486,928)		\$ 522,630	\$136,552			
1960	Miscellaneous Equipment	\$0			-					\$				
1970	Load Management Controls - Customer Premises	\$312,338			312,338			\$ (312,325)		\$ 13	\$0			
1975	Load Management Controls - Utility Premises	\$0			-					\$				
1980	System Supervisory Equipment	\$1,882,817			1,882,817			\$ (837,504)		\$ 1,045,313	\$120,722			
1990	Other Tangible Property	\$0			-					\$				
2005	Property Under Capital Leases	\$900,000			900,000			\$ (750,000)		\$ 150,000	\$300,000			
2010	Electric Plant Purchased or Sold	\$0			-					\$				
Total		\$90,829,843			\$90,829,843	\$0		(\$53,618,963)	\$0	\$37,210,880	\$6,255,498	\$0	\$0	\$0
SUB TOTAL from I3 is Directly Allocated		\$5,900,100												
Grand Total		\$618,523,676	\$0	\$612,623,576	(\$14,506,035)	\$9,462,272	(\$159,569,041)	\$0	\$448,010,772	\$21,418,347	\$1,239,296	\$1,862,934		\$0

**EB-2016-0077**

**Sheet I4 Break Out Worksheet -**

**Instructions:**

**Instructions:**  
This is an input sheet for the Break Out of Distribution Assets, Contributed Capital, Amortization, and Amortization Expenses

**\*\*Please see Instructions tab for detailed instructions\*\***

[illegible]



Ontario Energy Board

## 2018 Cost Allocation Model

**EB-2016-0077**

**Sheet 15.1 Miscellaneous Data Worksheet -**

Structure KM (kMs of Roads in Service Area that have distribution line)	2545.28
Deemed Equity Component of Rate Base (ref: RRWF 7, cell F24)	40%
Working Capital Allowance to be included in Rate Base (%)	12%
Portion of pole leasing revenue from Secondary - Remainder assumed to be Primary (%)	0%

## 2018 Cost Allocation Model

EB-2016-0077

**Sheet 15.3 Weighting Factors Worksheet -**

	1	2	3	5	6	7	8	9	11
	Residential	GS <50	GS>50-Regular	Large Use 5-14.9 MW	Large Use 2	Street Light	Sentinel	Unmetered Scattered Load	Back-up/Standby Power
Insert Weighting Factor for Services Account 1855	1.0	1.4	1.9			0.5			
Insert Weighting Factor for Billing and Collecting	1.0	1.1	4.3	96.4	168.7	1.7	0.5	0.5	-



## 2018 Cost Allocation Model

**EB-2016-0077**

**Sheet I6.1 Revenue Worksheet -**

<b>Total kWhs from Load Forecast</b>	4,770,443,779
--------------------------------------	---------------

Total kW from Load Forecast	8,167,890
-----------------------------	-----------

Deficiency/sufficiency (RRWF 8. cell F51)	570,927
---	---------

Miscellaneous Revenue (RRWF 5. cell F48)	5,866,199
--	-----------

[illegible]

# 2017 Cost Allocation Model

**EB-2016-0077**
**Sheet I6.2 Customer Data Worksheet -**

			1	2	3	5	6	7	8	9	11
	ID	Total	Residential	GS <50	GS>50-Regular	Large Use 5-14.9 MW	Large Use 2	Street Light	Sentinel	Unmetered Scattered Load	Back-up/Standby Power
<b>Billing Data</b>											
Bad Debt 3 Year Historical Average	BDHA	\$1,486,970	\$1,331,367	\$129,191	\$26,412	\$0	\$0	\$0	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$894,324	\$645,686	\$112,163	\$94,783	\$35,167		\$109	\$80	\$6,336	\$0
Number of Bills	CNB	1,570,168	1,383,006	134,201.90	27,436.40	72	60.00	48.00	2,976.00	22,284.00	84
Number of Devices	CDEV							52,300			
Number of Connections (Unmetered)	CCON	43,197						39,799	383	3,014	
Total Number of Customers	CCA	249,027	225,981	18,639	2,286	6	5	4	248	1,857	
Bulk Customer Base	CCB	-									
Primary Customer Base	CCP	252,698	225,981	18,639	2,286	6	5	5,780			
Line Transformer Customer Base	CCLT	252,432	225,981	18,639	2,031	-	-	5,780			
Secondary Customer Base	CCS	245,581	225,981	18,639	960	-	-				
Weighted - Services	CWCS	254,627	225,981	26,840	1,805	-	-	-	-	-	-
Weighted Meter -Capital	CWMC	46,515,556	33,671,222	6,188,199	5,981,136	315,000	255,000	-	-	-	105,000
Weighted Meter Reading	CWMR	3,131,088	1,371,420	133,667	1,613,140	4,287	3,572	-	-	5,001	-
Weighted Bills	CWNB	1,672,463	1,383,006	142,254	117,428	6,942	10,123	81	1,488	11,142	-

**Bad Debt Data**

Historic Year:	2012	1,536,562	1,375,770	133,500	27,293						
Historic Year:	2013	1,549,348	1,387,217	134,611	27,520						
Historic Year:	2014	1,375,000	1,231,114	119,463	24,423						
Three-year average		1,486,970	1,331,367	129,191	26,412	-	-	-	-	-	-

**Street Lighting Adjustment Factors**

NCP Test Results	4 NCP
------------------	-------

	Primary Asset Data		Line Transformer Asset Data	
Class	Customers/ Devices	4 NCP	Customers/ Devices	4 NCP
Residential	225,981	1,487,234	225,981	1,487,234
Street Light	52,300	38,041	52,300	38,041

Street Lighting Adjustment Factors	
Primary	9.0482
Line Transformer	9.0482

2018 Cost Allocation Model

EB-2016-0077  
Sheet 17.1 Meter Capital Worksheet -

	Residential			GS <50			GS>50-Regular			Large Use 5-14.9 MW			Large Use 2		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs
Allocation Percentage			72.39%			13%			13%			1%			1%
Weighted Factor															
Cost Relative to Residential Average Cost			1.00			2.23			17.56			100.67			100.67
Total	225981.3526	33671221.54	149	18639.15293	6188198.772	332	2286.366966	5981135.984	2616	21	315000	15000	17	255000	15000
Cost per Meter (Installed)															
Residential - Smart Meters	149	225,981	33671221.54			0			0			0			0
GS < 50 Smart Meters	332		0	18,639	6188198.772				0			0			0
GS > 50 Smart Meters	2,616		0		0		2286.366966	5981135.984				0			0
Demand with IT and Interval Capability - Primary (LARGE USE)	15,000		0		0			0		21	315000		17	255000	
Three-phase - No demand Smart Meters			0		0			0			0			0	
Demand without IT (usually three-phase)			0		0			0			0			0	
Demand with IT			0		0			0			0			0	
Demand with IT and Interval Capability - Secondary			0		0			0			0			0	
Demand with IT and Interval Capability - Primary			0		0			0			0			0	
Demand with IT and Interval Capability -Special (WMP)			0		0			0			0			0	
Smart Meters			0		0			0			0			0	
LDC Specific 3			0		0			0			0			0	

[illegible]

2018 Cost Allocation Model

EB-2016-0077  
Sheet 17.2 Meter Reading Worksheet -

Weighting Factors based on  
Contractor Pricing

Description		1			2			3			5			6		
		Residential			GS <50			GS>50-Regular			Large Use 5-14.9 MW			Large Use 2		
		Units	Weighted Factor	Weighted Average Costs	Units	Weighted Factor	Weighted Average Costs	Units	Weighted Factor	Weighted Average Costs	Units	Weighted Factor	Weighted Average Costs	Units	Weighted Factor	Weighted Average Costs
	Allocation Percentage	43.80%			4.27%			51.52%			0.14%			0.11%		
	Weighted Factor															
	Cost Relative to Residential Average Cost	1.00			1.00			59.54			59.54			59.54		
	Total	1,371,420	1,371,420	1.00	133,667	133,667	1.00	27,093	1,613,140	59.54	72	4,287	59.54	60	3,572	59.54
	Factor															
Residential - Smart Meters	1.00	1,371,420	1,371,420		0			0			0			0		
GS < 50 Smart Meters	1.00	0			133,667	133,667		0			0			0		
GS > 50 Smart Meters	59.54	0			0			27,093	1,613,140		0			0		
Demand with IT and Interval Capability - Primary (LARGE USE)	59.54	0			0			0			72	4,287		60	3,572	
Residential - Rural - Outside		0			0			0			0			0		
Residential - Rural - Outside with other services		0			0			0			0			0		
Smart Meter		0			0			0			0			0		
Smart Meter with Demand		0			0			0			0			0		
GS - Walking		0			0			0			0			0		
GS - Walking - with other services		0			0			0			0			0		
GS - Vehicle with other services -- TOU Read		0			0			0			0			0		
GS - Vehicle with other services		0			0			0			0			0		
LDC Specific 3		0			0			0			0			0		
LDC Specific 4		0			0			0			0			0		
Interval		0			0			0			0			0		
LDC Specific 5		0			0			0			0			0		
LDC Specific 6		0			0			0			0			0		

[illegible]

# 2018 Cost Allocation Model

**EB-2016-0077**
**Sheet 18 Demand Data Worksheet -**

This is an input sheet for demand allocators.

<b>CP TEST RESULTS</b>	<b>12 CP</b>
<b>NCP TEST RESULTS</b>	<b>4 NCP</b>

<b>Co-incident Peak</b>	<b>Indicator</b>
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

<b>Non-co-incident Peak</b>	<b>Indicator</b>
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes	Total	1	2	3	5	6	7	8	9	11
		Residential	GS <50	GS>50-Regular	Large Use 5-14.9 MW	Large Use 2	Street Light	Sentinel	Unmetered Scattered Load	Back-up/Standby Power
CO-INCIDENT PEAK										
1 CP										
Transformation CP TCP1	938,554	377,472	105,169	305,761	24,737	120,980	-	-	962	3,474
Bulk Delivery CP BCP1	938,554	377,472	105,169	305,761	24,737	120,980	-	-	962	3,474
Total Sytem CP DCP1	938,554	377,472	105,169	305,761	24,737	120,980	-	-	962	3,474
4 CP										
Transformation CP TCP4	3,629,180	1,394,430	386,925	1,142,125	121,133	554,978	9,096	53	4,440	15,999
Bulk Delivery CP BCP4	3,629,180	1,394,430	386,925	1,142,125	121,133	554,978	9,096	53	4,440	15,999
Total Sytem CP DCP4	3,629,180	1,394,430	386,925	1,142,125	121,133	554,978	9,096	53	4,440	15,999
12 CP										
Transformation CP TCP12	9,914,085	3,406,183	1,056,803	3,139,940	410,542	1,791,067	64,740	544	14,814	29,453
Bulk Delivery CP BCP12	9,914,085	3,406,183	1,056,803	3,139,940	410,542	1,791,067	64,740	544	14,814	29,453
Total Sytem CP DCP12	9,914,085	3,406,183	1,056,803	3,139,940	410,542	1,791,067	64,740	544	14,814	29,453
NON CO INCIDENT PEAK										
1 NCP										
Classification NCP from Load Data Provider DNCP1	1,148,514	398,342	138,856	322,771	51,606	198,716	9,713	139	1,832	26,538
Primary NCP PNCP1	1,148,514	398,342	138,856	322,771	51,606	198,716	9,713	139	1,832	26,538
Line Transformer NCP LTNCP1	835,654	398,342	138,856	286,772	-	-	9,713	139	1,832	-
Secondary NCP SNCP1	684,446	398,342	138,856	135,564	-	-	9,713	139	1,832	-
4 NCP										
Classification NCP from Load Data Provider DNCP4	4,371,398	1,487,234	518,861	1,230,733	197,481	785,765	38,041	467	6,663	106,153
Primary NCP PNCP4	4,371,398	1,487,234	518,861	1,230,733	197,481	785,765	38,041	467	6,663	106,153
Line Transformer NCP LTNCP4	3,144,734	1,487,234	518,861	1,093,469	-	-	38,041	467	6,663	-
Secondary NCP SNCP4	2,568,174	1,487,234	518,861	516,908	-	-	38,041	467	6,663	-
12 NCP										
Classification NCP from Load Data Provider DNCP12	11,541,066	3,777,973	1,356,466	3,417,971	534,621	2,006,005	110,346	1,104	18,119	318,460
Primary NCP PNCP12	11,541,066	3,777,973	1,356,466	3,417,971	534,621	2,006,005	110,346	1,104	18,119	318,460
Line Transformer NCP LTNCP12	8,300,771	3,777,973	1,356,466	3,036,763	-	-	110,346	1,104	18,119	-
Secondary NCP SNCP12	6,699,556	3,777,973	1,356,466	1,435,548	-	-	110,346	1,104	18,119	-

# 2018 Cost Allocation Model

**EB-2016-0077**
**Sheet 01 Revenue to Cost Summary Worksheet -**
**Instructions:**

Please see the first tab in this workbook for detailed instructions

**Class Revenue, Cost Analysis, and Return on Rate Base**

Rate Base Assets	Total	1	2	3	4	5	6	7	8	9	11
		Residential	GS <50	GS>50-Regular	GS> 50-TOU	Large Use 5-14.9 MW	Large Use 2	Street Light	Sentinel	Unmetered Scattered Load	Back-up/Standby Power
crev mi	Distribution Revenue at Existing Rates	\$115,455,860	\$71,207,276	\$15,612,103	\$21,827,804	\$0	\$2,499,058	\$1,029,620	\$1,977,630	\$41,480	\$447,986
	Miscellaneous Revenue (mi)	\$5,966,199	\$3,885,832	\$688,939	\$993,348	\$0	\$144,759	\$21,379	\$46,306	\$2,887	\$28,899
	Miscellaneous Revenue Input equals Output										
	Total Revenue at Existing Rates	\$121,322,058	\$75,093,108	\$16,301,043	\$22,821,152	\$0	\$2,643,817	\$1,050,999	\$2,023,936	\$44,368	\$476,885
	Factor required to recover deficiency (1 + D)	0.9951									
	Distribution Revenue at Status Quo Rates	\$114,884,932	\$70,855,157	\$15,534,902	\$21,719,866	\$0	\$2,486,700	\$1,024,529	\$1,967,851	\$41,275	\$445,770
	Miscellaneous Revenue (mi)	\$5,966,199	\$3,885,832	\$688,939	\$993,348	\$0	\$144,759	\$21,379	\$46,306	\$2,887	\$28,899
	Total Revenue at Status Quo Rates	\$120,751,131	\$74,740,989	\$16,223,841	\$22,713,214	\$0	\$2,631,460	\$1,045,908	\$2,014,157	\$44,162	\$474,669
	Revenue Requirement Input equals Output										
	Expenses										
di	Distribution Costs (di)	\$26,070,243	\$13,875,564	\$3,780,205	\$6,620,617	\$0	\$706,994	\$186,797	\$448,916	\$8,967	\$83,273
cu	Customer Related Costs (cu)	\$16,897,132	\$13,477,407	\$1,688,142	\$1,382,836	\$0	\$75,299	\$85,723	\$97,000	\$9,120	\$68,635
ad	General and Administration (ad)	\$19,669,082	\$12,490,742	\$2,509,363	\$3,682,305	\$0	\$360,641	\$124,220	\$252,323	\$8,258	\$69,456
dep	Depreciation and Amortization (dep)	\$24,520,577	\$14,377,093	\$3,464,353	\$5,445,601	\$0	\$417,450	\$114,611	\$394,351	\$9,026	\$80,347
INPUT	PILs (INPUT)	\$3,123,189	\$1,792,231	\$440,464	\$709,088	\$0	\$74,146	\$1,964	\$54,295	\$1,177	\$10,528
INT	Interest	\$1,063,788	\$6,348,917	\$1,560,327	\$2,511,920	\$0	\$262,658	\$6,957	\$192,338	\$4,170	\$37,297
	Total Expenses	\$101,344,011	\$62,361,954	\$13,442,853	\$20,352,368	\$0	\$1,697,188	\$520,272	\$1,439,824	\$40,717	\$349,538
	Direct Allocation	\$620,463	\$0	\$0	\$0	\$0	\$0	\$620,463	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$18,786,658	\$10,780,659	\$2,649,484	\$4,265,319	\$0	\$446,002	\$11,814	\$326,596	\$7,081	\$63,331
	Revenue Requirement (includes NI)	\$120,751,131	\$73,142,613	\$16,092,338	\$24,617,686	\$0	\$2,343,190	\$1,152,549	\$1,766,420	\$47,798	\$412,869
	Revenue Requirement Input equals Output										
	Rate Base Calculation										
	Net Assets										
dp	Distribution Plant - Gross	\$521,793,733	\$301,685,464	\$73,663,470	\$117,765,697	\$0	\$11,417,493	\$455,401	\$8,847,069	\$194,931	\$1,741,165
gp	General Plant - Gross	\$90,829,843	\$51,365,861	\$12,634,129	\$20,354,011	\$0	\$2,126,045	\$1,326,324	\$1,560,063	\$33,839	\$302,619
accum	Accumulated Depreciation	(\$150,106,770)	(\$69,312,826)	(\$21,092,774)	(\$32,945,743)	\$0	(\$2,577,262)	(\$980,036)	(\$2,332,584)	(\$53,496)	(\$476,603)
co	Capital Contribution	(\$14,506,035)	(\$7,958,996)	(\$2,083,766)	(\$3,567,484)	\$0	(\$342,746)	\$0	(\$293,880)	(\$6,576)	(\$58,369)
	Total Net Plant	\$448,010,772	\$256,779,593	\$63,111,059	\$101,606,482	\$0	\$10,623,530	\$801,689	\$7,780,668	\$168,698	\$1,508,812
	Directly Allocated Net Fixed Assets	\$5,900,100	\$0	\$0	\$0	\$0	\$0	\$5,900,100	\$0	\$0	\$0
COP	Cost of Power (COP)	\$565,995,358	\$196,094,641	\$70,287,011	\$218,309,676	\$0	\$28,129,685	\$46,924,212	\$4,916,368	\$47,406	\$1,286,359
	OM&A Expenses	\$62,636,457	\$39,843,713	\$7,977,710	\$11,685,759	\$0	\$1,142,934	\$396,740	\$798,840	\$26,345	\$221,365
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal	\$628,631,815	\$235,938,354	\$78,264,721	\$229,995,434	\$0	\$29,272,618	\$47,320,951	\$5,715,208	\$73,751	\$1,507,724
	Working Capital	\$75,435,818	\$28,312,602	\$9,391,767	\$27,599,452	\$0	\$3,512,714	\$5,678,514	\$685,825	\$8,850	\$180,927
	Total Rate Base	\$529,346,690	\$285,092,105	\$72,502,825	\$129,205,934	\$0	\$14,136,244	\$12,380,303	\$8,466,493	\$177,548	\$1,689,738
	Rate Base Input equals Output										
	Equity Component of Rate Base	\$211,738,676	\$114,036,842	\$29,001,130	\$51,682,374	\$0	\$5,654,498	\$4,952,121	\$3,386,597	\$71,019	\$675,895
	Net Income on Allocated Assets	\$18,786,658	\$12,379,035	\$2,780,988	\$2,360,846	\$0	\$734,272	(\$94,827)	\$574,333	\$3,445	\$125,132
	Net Income on Direct Allocation Assets	\$269,823	\$0	\$0	\$0	\$0	\$0	\$269,823	\$0	\$0	\$0
	Net Income	\$19,056,481	\$12,379,035	\$2,780,988	\$2,360,846	\$0	\$734,272	\$174,996	\$574,333	\$3,445	\$125,132
	RATIOS ANALYSIS										
	REVENUE TO EXPENSES STATUS QUO%	100.00%	102.19%	100.82%	92.26%	0.00%	112.30%	90.75%	114.02%	92.39%	114.97%
	EXISTING REVENUE MINUS ALLOCATED COSTS	\$570,927	\$1,950,495	\$208,705	(\$1,796,534)	\$0	\$300,627	(\$101,549)	\$257,516	(\$3,431)	\$64,016
	Deficiency Input equals Output										
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$1,598,376	\$131,503	(\$1,904,473)	\$0	\$288,269	(\$106,641)	\$247,736	(\$3,636)	\$61,800
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.00%	10.86%	9.59%	4.57%	0.00%	12.99%	3.53%	16.96%	4.85%	18.51%



**ATTACHMENT 7 – SUMMARY OF FIXED/VARIABLE SPLITS\_HRZ**

## Summary of Fixed Variable Splits

Customer Class	2018	
	Fixed %	Variable %
Residential	90.63%	9.37%
GS < 50kW	59.34%	40.66%
GS > 50 to 4999kW	47.62%	52.38%
Standby	0.00%	100.00%
LU (1)	68.57%	31.43%
LU (2)	32.64%	67.36%
Sentinel Lights	60.79%	39.21%
Street Lighting	68.23%	31.77%
Unmetered and Scattered Load	68.39%	31.61%

**ATTACHMENT 8 – RTSR WORK FORM\_HRZ**

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

Columns F and G must match the data from the most recent RRR filing.

Rates have been imported from Tab 2. As well, the Loss Factor has been imported from "Model Specs" tab.

If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0074	1,647,803,823	0	1.0379	1,710,255,588
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0059	1,647,803,823	0	1.0379	1,710,255,588
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065	595,148,676	0	1.0379	617,704,811
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0053	595,148,676	0	1.0379	617,704,811
GENERAL SERVICE GREATER THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.5721	1,811,883,809	4,895,437		
GENERAL SERVICE GREATER THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1213	1,811,883,809	4,895,437		
LARGE USE 1 SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.9382	213,955,306	512,416		
LARGE USE 1 SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.4376	213,955,306	512,416		
LARGE USE 2 SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.9382	350,315,953	1,901,227		
LARGE USE 2 SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.4376	350,315,953	1,901,227		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066	11,571,072	0	1.0379	12,009,616
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0054	11,571,072	0	1.0379	12,009,616
SENTINEL LIGHTING	Retail Transmission Rate – Network Service Rate	\$/kW	2.1373	438,985	1,213		
SENTINEL LIGHTING	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7069	438,985	1,213		
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.0248	31,864,628	88,666		
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6642	31,864,628	88,666		

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

Uniform Transmission Rates		Unit	2016	2017	2018
Rate Description			Rate	Rate	Rate
Network Service Rate		kW	\$ 3.66	\$ 3.66	\$ 3.61
Line Connection Service Rate		kW	\$ 0.87	\$ 0.87	\$ 0.95
Transformation Connection Service Rate		kW	\$ 2.02	\$ 2.02	\$ 2.34

Hydro One Sub-Transmission Rates		Unit	2016	2017	2018
			Feb - Dec 2016	Jan - Dec 2017	
Rate Description			Rate	Rate	Rate
Network Service Rate		kW	\$ 3.3396	\$ 3.1942	\$ 3.1942
Line Connection Service Rate		kW	\$ 0.7791	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate		kW	\$ 1.7713	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate		kW	\$ 2.5504	\$ 2.5203	\$ 2.5203

If needed, add extra host here. (I)		Unit	2016	2017	2018
Rate Description			Rate	Rate	Rate
Network Service Rate		kW			
Line Connection Service Rate		kW			
Transformation Connection Service Rate		kW			
Both Line and Transformation Connection Service Rate		kW	\$ -	\$ -	\$ -

If needed, add extra host here. (II)		Unit	2016	2017	2018
Rate Description			Rate	Rate	Rate
Network Service Rate		kW			
Line Connection Service Rate		kW			
Transformation Connection Service Rate		kW			
Both Line and Transformation Connection Service Rate		kW	\$ -	\$ -	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)			Historical 2016	Current 2017	Forecast 2018
			\$		

## INCENTIVE REGULATION MODEL FOR 2018 FILERS

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.

If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Line Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	734,503	\$3.66	\$ 2,688,281	712,029	\$0.87	\$ 619,465	778,836	\$2.02	\$ 1,573,249	\$ 2,192,714
February	737,990	\$3.66	\$ 2,701,043	709,244	\$0.87	\$ 617,042	774,730	\$2.02	\$ 1,564,955	\$ 2,181,997
March	716,928	\$3.66	\$ 2,623,956	693,561	\$0.87	\$ 603,398	750,140	\$2.02	\$ 1,515,283	\$ 2,118,681
April	651,166	\$3.66	\$ 2,383,268	653,961	\$0.87	\$ 568,946	706,000	\$2.02	\$ 1,426,120	\$ 1,995,066
May	794,359	\$3.66	\$ 2,907,354	811,465	\$0.87	\$ 705,975	871,725	\$2.02	\$ 1,760,885	\$ 2,466,859
June	917,962	\$3.66	\$ 3,359,741	896,063	\$0.87	\$ 779,575	964,306	\$2.02	\$ 1,947,898	\$ 2,727,473
July	929,179	\$3.66	\$ 3,400,795	922,239	\$0.87	\$ 802,348	992,221	\$2.02	\$ 2,004,286	\$ 2,806,634
August	933,677	\$3.66	\$ 3,417,258	938,903	\$0.87	\$ 816,846	1,006,595	\$2.02	\$ 2,033,322	\$ 2,850,168
September	983,345	\$3.66	\$ 3,599,043	947,450	\$0.87	\$ 824,282	1,013,822	\$2.02	\$ 2,047,920	\$ 2,872,202
October	637,333	\$3.66	\$ 2,332,639	644,670	\$0.87	\$ 560,863	704,873	\$2.02	\$ 1,423,843	\$ 1,984,706
November	674,104	\$3.66	\$ 2,467,221	660,542	\$0.87	\$ 574,672	712,676	\$2.02	\$ 1,439,606	\$ 2,014,277
December	730,627	\$3.66	\$ 2,674,095	701,810	\$0.87	\$ 610,575	759,526	\$2.02	\$ 1,534,243	\$ 2,144,817
<b>Total</b>	<b>9,441,173</b>	<b>\$ 3.66</b>	<b>\$ 34,554,693</b>	<b>9,291,937</b>	<b>\$ 0.87</b>	<b>\$ 8,083,985</b>	<b>10,035,450</b>	<b>\$ 2.02</b>	<b>\$ 20,271,609</b>	<b>\$ 28,355,594</b>

Hydro One Month	Network			Line Connection			Transformation Connection			Total Line Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	64,506	\$3.34	\$ 215,425	64,966	\$0.78	\$ 50,615	64,966	\$1.77	\$ 115,074	\$ 165,689
February	66,024	\$3.34	\$ 220,492	67,956	\$0.78	\$ 52,945	67,956	\$1.77	\$ 120,371	\$ 173,316
March	62,632	\$3.34	\$ 209,166	63,405	\$0.78	\$ 49,399	63,405	\$1.77	\$ 112,309	\$ 161,707
April	54,955	\$3.34	\$ 183,527	57,470	\$0.78	\$ 44,775	57,470	\$1.77	\$ 101,796	\$ 146,570
May	70,605	\$3.34	\$ 235,793	75,470	\$0.78	\$ 58,798	75,470	\$1.77	\$ 133,679	\$ 192,478
June	95,411	\$3.34	\$ 318,635	96,824	\$0.78	\$ 75,435	96,824	\$1.77	\$ 171,504	\$ 246,940
July	89,077	\$3.34	\$ 297,482	89,744	\$0.78	\$ 69,919	89,744	\$1.77	\$ 158,963	\$ 228,883
August	86,614	\$3.34	\$ 289,255	87,260	\$0.78	\$ 67,984	87,260	\$1.77	\$ 154,563	\$ 222,547
September	88,333	\$3.34	\$ 294,998	89,160	\$0.78	\$ 69,465	89,160	\$1.77	\$ 157,930	\$ 227,394
October	53,847	\$3.34	\$ 179,827	56,201	\$0.78	\$ 43,786	56,201	\$1.77	\$ 99,549	\$ 143,335
November	55,834	\$3.34	\$ 186,464	57,643	\$0.78	\$ 44,910	57,643	\$1.77	\$ 102,103	\$ 147,013
December	71,104	\$3.34	\$ 237,460	71,834	\$0.78	\$ 55,966	71,834	\$1.77	\$ 127,239	\$ 183,205
<b>Total</b>	<b>858,942</b>	<b>\$ 3.34</b>	<b>\$ 2,868,523</b>	<b>877,932</b>	<b>\$ 0.78</b>	<b>\$ 683,997</b>	<b>877,932</b>	<b>\$ 1.77</b>	<b>\$ 1,555,081</b>	<b>\$ 2,239,077</b>

Total Month	Network			Line Connection			Transformation Connection			Total Line Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	799,009	\$3.63	\$ 2,903,706	776,995	\$0.86	\$ 670,080	843,802	\$2.00	\$ 1,688,323	\$ 2,358,403
February	804,014	\$3.63	\$ 2,921,536	777,200	\$0.86	\$ 669,987	842,686	\$2.00	\$ 1,685,325	\$ 2,355,312
March	779,560	\$3.63	\$ 2,833,123	756,966	\$0.86	\$ 652,797	813,545	\$2.00	\$ 1,627,591	\$ 2,280,388
April	706,121	\$3.64	\$ 2,566,794	711,431	\$0.86	\$ 613,721	763,470	\$2.00	\$ 1,527,916	\$ 2,141,636
May	864,964	\$3.63	\$ 3,143,147	886,935	\$0.86	\$ 764,773	947,195	\$2.00	\$ 1,894,564	\$ 2,659,337
June	1,013,373	\$3.63	\$ 3,678,375	992,887	\$0.86	\$ 855,010	1,061,130	\$2.00	\$ 2,119,402	\$ 2,974,412
July	1,018,256	\$3.63	\$ 3,698,277	1,011,983	\$0.86	\$ 872,267	1,081,965	\$2.00	\$ 2,163,250	\$ 3,035,517
August	1,020,291	\$3.63	\$ 3,706,513	1,026,163	\$0.86	\$ 884,830	1,093,855	\$2.00	\$ 2,187,885	\$ 3,072,715
September	1,071,678	\$3.63	\$ 3,894,040	1,036,610	\$0.86	\$ 893,746	1,102,982	\$2.00	\$ 2,205,850	\$ 3,099,596
October	691,180	\$3.64	\$ 2,512,466	700,871	\$0.86	\$ 604,649	761,074	\$2.00	\$ 1,523,392	\$ 2,128,041
November	729,938	\$3.64	\$ 2,653,684	718,185	\$0.86	\$ 619,581	770,319	\$2.00	\$ 1,541,709	\$ 2,161,290
December	801,731	\$3.63	\$ 2,911,555	773,644	\$0.86	\$ 666,540	831,360	\$2.00	\$ 1,661,482	\$ 2,328,022
<b>Total</b>	<b>10,300,115</b>	<b>\$ 3.63</b>	<b>\$ 37,423,217</b>	<b>10,169,869</b>	<b>\$ 0.86</b>	<b>\$ 8,767,982</b>	<b>10,913,382</b>	<b>\$ 2.00</b>	<b>\$ 21,826,690</b>	<b>\$ 30,594,671</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 30,594,671

# INCENTIVE REGULATION MODEL FOR 2018 FILERS

The purpose of this sheet is to calculate the expected billing when current 2017 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	734,503	\$ 3.6600	\$ 2,688,281	712,029	\$ 0.8700	\$ 619,465	778,836	\$ 2.0200	\$ 1,573,249	\$ 2,192,714
February	737,990	\$ 3.6600	\$ 2,701,043	709,244	\$ 0.8700	\$ 617,042	774,730	\$ 2.0200	\$ 1,564,955	\$ 2,181,997
March	716,928	\$ 3.6600	\$ 2,623,956	693,561	\$ 0.8700	\$ 603,398	750,140	\$ 2.0200	\$ 1,515,283	\$ 2,118,681
April	651,166	\$ 3.6600	\$ 2,383,268	653,961	\$ 0.8700	\$ 568,946	706,000	\$ 2.0200	\$ 1,426,120	\$ 1,995,066
May	794,359	\$ 3.6600	\$ 2,907,354	811,465	\$ 0.8700	\$ 705,975	871,725	\$ 2.0200	\$ 1,760,885	\$ 2,466,859
June	917,962	\$ 3.6600	\$ 3,359,741	896,063	\$ 0.8700	\$ 779,575	964,306	\$ 2.0200	\$ 1,947,898	\$ 2,727,473
July	929,179	\$ 3.6600	\$ 3,400,795	922,239	\$ 0.8700	\$ 802,348	992,221	\$ 2.0200	\$ 2,004,286	\$ 2,806,634
August	933,677	\$ 3.6600	\$ 3,417,258	938,903	\$ 0.8700	\$ 816,846	1,006,595	\$ 2.0200	\$ 2,033,322	\$ 2,850,168
September	983,345	\$ 3.6600	\$ 3,599,043	947,450	\$ 0.8700	\$ 824,282	1,013,822	\$ 2.0200	\$ 2,047,920	\$ 2,872,202
October	637,333	\$ 3.6600	\$ 2,332,639	644,670	\$ 0.8700	\$ 560,863	704,873	\$ 2.0200	\$ 1,423,843	\$ 1,984,706
November	674,104	\$ 3.6600	\$ 2,467,221	660,542	\$ 0.8700	\$ 574,672	712,676	\$ 2.0200	\$ 1,439,606	\$ 2,014,277
December	730,627	\$ 3.6600	\$ 2,674,095	701,810	\$ 0.8700	\$ 610,575	759,526	\$ 2.0200	\$ 1,534,243	\$ 2,144,817
<b>Total</b>	<b>9,441,173</b>	<b>\$ 3.66</b>	<b>\$ 34,554,693</b>	<b>9,291,937</b>	<b>\$ 0.87</b>	<b>\$ 8,083,985</b>	<b>10,035,450</b>	<b>\$ 2.02</b>	<b>\$ 20,271,609</b>	<b>\$ 28,355,594</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	64,506	\$ 3.1942	\$ 206,046	64,966	\$ 0.7710	\$ 50,089	64,966	\$ 1.7493	\$ 113,645	\$ 163,734
February	66,024	\$ 3.1942	\$ 210,892	67,956	\$ 0.7710	\$ 52,394	67,956	\$ 1.7493	\$ 118,876	\$ 171,270
March	62,632	\$ 3.1942	\$ 200,060	63,405	\$ 0.7710	\$ 48,885	63,405	\$ 1.7493	\$ 110,914	\$ 159,799
April	54,955	\$ 3.1942	\$ 175,536	57,470	\$ 0.7710	\$ 44,309	57,470	\$ 1.7493	\$ 100,532	\$ 144,841
May	70,605	\$ 3.1942	\$ 225,527	75,470	\$ 0.7710	\$ 58,187	75,470	\$ 1.7493	\$ 132,019	\$ 190,206
June	95,411	\$ 3.1942	\$ 304,762	96,824	\$ 0.7710	\$ 74,651	96,824	\$ 1.7493	\$ 169,374	\$ 244,025
July	89,077	\$ 3.1942	\$ 284,530	89,744	\$ 0.7710	\$ 69,192	89,744	\$ 1.7493	\$ 156,989	\$ 226,181
August	86,614	\$ 3.1942	\$ 276,662	87,260	\$ 0.7710	\$ 67,277	87,260	\$ 1.7493	\$ 152,644	\$ 219,921
September	88,333	\$ 3.1942	\$ 282,154	89,160	\$ 0.7710	\$ 68,743	89,160	\$ 1.7493	\$ 155,968	\$ 224,711
October	53,847	\$ 3.1942	\$ 171,997	56,201	\$ 0.7710	\$ 43,331	56,201	\$ 1.7493	\$ 98,312	\$ 141,643
November	55,834	\$ 3.1942	\$ 178,346	57,643	\$ 0.7710	\$ 44,443	57,643	\$ 1.7493	\$ 100,835	\$ 145,278
December	71,104	\$ 3.1942	\$ 227,121	71,834	\$ 0.7710	\$ 55,384	71,834	\$ 1.7493	\$ 125,659	\$ 181,043
<b>Total</b>	<b>858,942</b>	<b>\$ 3.19</b>	<b>\$ 2,743,633</b>	<b>877,932</b>	<b>\$ 0.77</b>	<b>\$ 676,885</b>	<b>877,932</b>	<b>\$ 1.75</b>	<b>\$ 1,535,766</b>	<b>\$ 2,212,651</b>

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	799,009	\$ 3.6224	\$ 2,894,327	776,995	\$ 0.8617	\$ 669,554	843,802	\$ 1.9992	\$ 1,686,894	\$ 2,356,448
February	804,014	\$ 3.6217	\$ 2,911,936	777,200	\$ 0.8613	\$ 669,437	842,686	\$ 1.9982	\$ 1,683,830	\$ 2,353,267
March	779,560	\$ 3.6226	\$ 2,824,016	756,966	\$ 0.8617	\$ 652,283	813,545	\$ 1.9989	\$ 1,626,197	\$ 2,278,480
April	706,121	\$ 3.6237	\$ 2,558,804	711,431	\$ 0.8620	\$ 613,255	763,470	\$ 1.9996	\$ 1,526,652	\$ 2,139,907
May	864,964	\$ 3.6220	\$ 3,132,881	886,935	\$ 0.8616	\$ 764,162	947,195	\$ 1.9984	\$ 1,892,904	\$ 2,657,065
June	1,013,373	\$ 3.6161	\$ 3,664,503	992,887	\$ 0.8603	\$ 854,226	1,061,130	\$ 1.9953	\$ 2,117,272	\$ 2,971,498
July	1,018,256	\$ 3.6193	\$ 3,685,325	1,011,983	\$ 0.8612	\$ 871,540	1,081,965	\$ 1.9975	\$ 2,161,275	\$ 3,032,816
August	1,020,291	\$ 3.6205	\$ 3,693,920	1,026,163	\$ 0.8616	\$ 884,123	1,093,855	\$ 1.9984	\$ 2,185,965	\$ 3,070,088
September	1,071,678	\$ 3.6216	\$ 3,881,197	1,036,610	\$ 0.8615	\$ 893,024	1,102,982	\$ 1.9981	\$ 2,203,889	\$ 3,096,913
October	691,180	\$ 3.6237	\$ 2,504,636	700,871	\$ 0.8621	\$ 604,194	761,074	\$ 2.0000	\$ 1,522,156	\$ 2,126,349
November	729,938	\$ 3.6244	\$ 2,645,566	718,185	\$ 0.8621	\$ 619,114	770,319	\$ 1.9997	\$ 1,540,441	\$ 2,159,555
December	801,731	\$ 3.6187	\$ 2,901,216	773,644	\$ 0.8608	\$ 665,959	831,360	\$ 1.9966	\$ 1,659,901	\$ 2,325,860
<b>Total</b>	<b>10,300,115</b>	<b>\$ 3.62</b>	<b>\$ 37,298,326</b>	<b>10,169,869</b>	<b>\$ 0.86</b>	<b>\$ 8,760,871</b>	<b>10,913,382</b>	<b>\$ 2.00</b>	<b>\$ 21,807,375</b>	<b>\$ 30,568,246</b>

Low Voltage Switchgear Credit (if applicable)

\$ -

Total including deduction for Low Voltage Switchgear Credit

\$ 30,568,246

# INCENTIVE REGULATION MODEL FOR 2018 FILERS

The purpose of this sheet is to calculate the expected billing when forecasted 2018 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	734,503	\$ 3.6100	\$ 2,651,556	712,029	\$ 0.9500	\$ 676,428	778,836	\$ 2.3400	\$ 1,822,476	\$ 2,498,904
February	737,990	\$ 3.6100	\$ 2,664,144	709,244	\$ 0.9500	\$ 673,782	774,730	\$ 2.3400	\$ 1,812,868	\$ 2,486,650
March	716,928	\$ 3.6100	\$ 2,588,110	693,561	\$ 0.9500	\$ 658,883	750,140	\$ 2.3400	\$ 1,755,328	\$ 2,414,211
April	651,166	\$ 3.6100	\$ 2,350,709	653,961	\$ 0.9500	\$ 621,263	706,000	\$ 2.3400	\$ 1,652,040	\$ 2,273,303
May	794,359	\$ 3.6100	\$ 2,867,636	811,465	\$ 0.9500	\$ 770,892	871,725	\$ 2.3400	\$ 2,039,837	\$ 2,810,728
June	917,962	\$ 3.6100	\$ 3,313,843	896,063	\$ 0.9500	\$ 851,260	964,306	\$ 2.3400	\$ 2,256,476	\$ 3,107,736
July	929,179	\$ 3.6100	\$ 3,354,336	922,239	\$ 0.9500	\$ 876,127	992,221	\$ 2.3400	\$ 2,321,797	\$ 3,197,924
August	933,677	\$ 3.6100	\$ 3,370,574	938,903	\$ 0.9500	\$ 891,958	1,006,595	\$ 2.3400	\$ 2,355,432	\$ 3,247,390
September	983,345	\$ 3.6100	\$ 3,549,875	947,450	\$ 0.9500	\$ 900,078	1,013,822	\$ 2.3400	\$ 2,372,343	\$ 3,272,421
October	637,333	\$ 3.6100	\$ 2,300,772	644,670	\$ 0.9500	\$ 612,437	704,873	\$ 2.3400	\$ 1,649,403	\$ 2,261,839
November	674,104	\$ 3.6100	\$ 2,433,515	660,542	\$ 0.9500	\$ 627,515	712,676	\$ 2.3400	\$ 1,667,662	\$ 2,295,177
December	730,627	\$ 3.6100	\$ 2,637,563	701,810	\$ 0.9500	\$ 666,720	759,526	\$ 2.3400	\$ 1,777,291	\$ 2,444,010
<b>Total</b>	<b>9,441,173</b>	<b>\$ 3.61</b>	<b>\$ 34,082,635</b>	<b>9,291,937</b>	<b>\$ 0.95</b>	<b>\$ 8,827,340</b>	<b>10,035,450</b>	<b>\$ 2.34</b>	<b>\$ 23,482,953</b>	<b>\$ 32,310,293</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	64,506	\$ 3.1942	\$ 206,046	64,966	\$ 0.7710	\$ 50,089	64,966	\$ 1.7493	\$ 113,645	\$ 163,734
February	66,024	\$ 3.1942	\$ 210,892	67,956	\$ 0.7710	\$ 52,394	67,956	\$ 1.7493	\$ 118,876	\$ 171,270
March	62,632	\$ 3.1942	\$ 200,060	63,405	\$ 0.7710	\$ 48,885	63,405	\$ 1.7493	\$ 110,914	\$ 159,799
April	54,955	\$ 3.1942	\$ 175,536	57,470	\$ 0.7710	\$ 44,309	57,470	\$ 1.7493	\$ 100,532	\$ 144,841
May	70,605	\$ 3.1942	\$ 225,527	75,470	\$ 0.7710	\$ 58,187	75,470	\$ 1.7493	\$ 132,019	\$ 190,206
June	95,411	\$ 3.1942	\$ 304,762	96,824	\$ 0.7710	\$ 74,651	96,824	\$ 1.7493	\$ 169,374	\$ 244,025
July	89,077	\$ 3.1942	\$ 284,530	89,744	\$ 0.7710	\$ 69,192	89,744	\$ 1.7493	\$ 156,989	\$ 226,181
August	86,614	\$ 3.1942	\$ 276,662	87,260	\$ 0.7710	\$ 67,277	87,260	\$ 1.7493	\$ 152,644	\$ 219,921
September	88,333	\$ 3.1942	\$ 282,154	89,160	\$ 0.7710	\$ 68,743	89,160	\$ 1.7493	\$ 155,968	\$ 224,711
October	53,847	\$ 3.1942	\$ 171,997	56,201	\$ 0.7710	\$ 43,331	56,201	\$ 1.7493	\$ 98,312	\$ 141,643
November	55,834	\$ 3.1942	\$ 178,346	57,643	\$ 0.7710	\$ 44,443	57,643	\$ 1.7493	\$ 100,835	\$ 145,278
December	71,104	\$ 3.1942	\$ 227,121	71,834	\$ 0.7710	\$ 55,384	71,834	\$ 1.7493	\$ 125,659	\$ 181,043
<b>Total</b>	<b>858,942</b>	<b>\$ 3.19</b>	<b>\$ 2,743,633</b>	<b>877,932</b>	<b>\$ 0.77</b>	<b>\$ 676,885</b>	<b>877,932</b>	<b>\$ 1.75</b>	<b>\$ 1,535,766</b>	<b>\$ 2,212,651</b>

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	799,009	\$ 3.58	\$ 2,857,602	776,995	\$ 0.94	\$ 726,516	843,802	\$ 2.29	\$ 1,936,121	\$ 2,662,637
February	804,014	\$ 3.58	\$ 2,875,036	777,200	\$ 0.93	\$ 726,176	842,686	\$ 2.29	\$ 1,931,744	\$ 2,657,920
March	779,560	\$ 3.58	\$ 2,788,170	756,966	\$ 0.94	\$ 707,768	813,545	\$ 2.29	\$ 1,866,241	\$ 2,574,009
April	706,121	\$ 3.58	\$ 2,526,246	711,431	\$ 0.94	\$ 665,572	763,470	\$ 2.30	\$ 1,752,572	\$ 2,418,144
May	864,964	\$ 3.58	\$ 3,093,163	886,935	\$ 0.93	\$ 829,079	947,195	\$ 2.29	\$ 2,171,856	\$ 3,000,935
June	1,013,373	\$ 3.57	\$ 3,618,605	992,887	\$ 0.93	\$ 925,911	1,061,130	\$ 2.29	\$ 2,425,850	\$ 3,351,761
July	1,018,256	\$ 3.57	\$ 3,638,866	1,011,983	\$ 0.93	\$ 945,320	1,081,965	\$ 2.29	\$ 2,478,786	\$ 3,424,106
August	1,020,291	\$ 3.57	\$ 3,647,236	1,026,163	\$ 0.93	\$ 959,235	1,093,855	\$ 2.29	\$ 2,508,076	\$ 3,467,311
September	1,071,678	\$ 3.58	\$ 3,832,030	1,036,610	\$ 0.93	\$ 968,820	1,102,982	\$ 2.29	\$ 2,528,312	\$ 3,497,132
October	691,180	\$ 3.58	\$ 2,472,770	700,871	\$ 0.94	\$ 655,767	761,074	\$ 2.30	\$ 1,747,715	\$ 2,403,482
November	729,938	\$ 3.58	\$ 2,611,861	718,185	\$ 0.94	\$ 671,958	770,319	\$ 2.30	\$ 1,768,497	\$ 2,440,455
December	801,731	\$ 3.57	\$ 2,864,685	773,644	\$ 0.93	\$ 722,103	831,360	\$ 2.29	\$ 1,902,950	\$ 2,625,053
<b>Total</b>	<b>10,300,115</b>	<b>\$ 3.58</b>	<b>\$ 36,826,268</b>	<b>10,169,869</b>	<b>\$ 0.93</b>	<b>\$ 9,504,226</b>	<b>10,913,382</b>	<b>\$ 2.29</b>	<b>\$ 25,018,719</b>	<b>\$ 34,522,945</b>

Low Voltage Switchgear Credit (if applicable)	\$ -
<b>Total including deduction for Low Voltage Switchgear Credit</b>	<b>\$ 34,522,945</b>



## INCENTIVE REGULATION MODEL FOR 2018 FILERS

The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0074	1,710,255,588	0	12,655,891	34.6%	12,891,842	0.0075
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065	617,704,811	0	4,015,081	11.0%	4,089,937	0.0066
GENERAL SERVICE GREATER THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.5721	0	4,895,437	12,591,554	34.4%	12,826,305	2.6201
LARGE USE 1 SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.9382	0	512,416	1,505,580	4.1%	1,533,649	2.9930
LARGE USE 2 SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.9382	0	1,901,227	5,586,185	15.3%	5,690,331	2.9930
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066	12,009,616	0	79,263	0.2%	80,741	0.0067
STANDBY POWER SERVICE CLASSIFICATION									
SENTINEL LIGHTING	Retail Transmission Rate – Network Service Rate	\$/kW	2.1373	0	1,213	2,593	0.0%	2,642	2.1771
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.0248	0	88,666	179,531	0.5%	182,878	2.0625

The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR-Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kWh	0.0059	1,710,255,588	0	10,090,508	33.8%	10,334,339	0.0060
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kWh	0.0053	617,704,811	0	3,273,836	11.0%	3,352,946	0.0054
GENERAL SERVICE GREATER THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	2.1213	0	4,895,437	10,384,691	34.8%	10,635,630	2.1726
LARGE USE 1 SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	2.4376	0	512,416	1,249,064	4.2%	1,279,247	2.4965
LARGE USE 2 SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	2.4376	0	1,901,227	4,634,431	15.5%	4,746,419	2.4965
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kWh	0.0054	12,009,616	0	64,852	0.2%	66,419	0.0055
STANDBY POWER SERVICE CLASSIFICATION									
SENTINEL LIGHTING	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	1.7069	0	1,213	2,071	0.0%	2,121	1.7481
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	1.6642	0	88,666	147,558	0.5%	151,124	1.7044

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0075	1,710,255,588	0	12,891,842	34.6%	12,728,679	0.0074
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066	617,704,811	0	4,089,937	11.0%	4,038,173	0.0065
GENERAL SERVICE GREATER THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.6201	0	4,895,437	12,826,305	34.4%	12,663,972	2.5869
LARGE USE 1 SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.9930	0	512,416	1,533,649	4.1%	1,514,239	2.9551
LARGE USE 2 SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.9930	0	1,901,227	5,690,331	15.3%	5,618,313	2.9551
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kWh	0.0067	12,009,616	0	80,741	0.2%	79,719	0.0066
STANDBY POWER SERVICE CLASSIFICATION									
SENTINEL LIGHTING	Retail Transmission Rate – Network Service Rate	\$/kW	2.1771	0	1,213	2,642	0.0%	2,608	2.1496
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate – Network Service Rate	\$/kW	2.0625	0	88,666	182,878	0.5%	180,564	2.0364

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kWh	0.0060	1,710,255,588	0	10,334,339	33.8%	11,671,321	0.0068
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kWh	0.0054	617,704,811	0	3,352,946	11.0%	3,786,726	0.0061
GENERAL SERVICE GREATER THAN 50 kW SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	2.1726	0	4,895,437	10,635,630	34.8%	12,011,592	2.4536
LARGE USE 1 SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	2.4965	0	512,416	1,279,247	4.2%	1,444,747	2.8195
LARGE USE 2 SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	2.4965	0	1,901,227	4,746,419	15.5%	5,360,476	2.8195
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kWh	0.0055	12,009,616	0	66,419	0.2%	75,012	0.0062
STANDBY POWER SERVICE CLASSIFICATION									
SENTINEL LIGHTING	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	1.7481	0	1,213	2,121	0.0%	2,396	1.9743
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate – Line and Transformation Connection Service I	\$/kW	1.7044	0	88,666	151,124	0.5%	170,675	1.9249

**ATTACHMENT 9 – LRAMVA WORK FORM\_HRZ**



Ontario Energy Board

# Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 2.0 (2017)

## Generic LRAMVA Work Forms

Worksheet Name	Description
<a href="#">1. LRAMVA Summary</a>	<b>Tables 1-a and 1-b</b> provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
<a href="#">1-a. Summary of Changes</a>	<b>Tables X-1 and X-2</b> include a template for LDCs to summarize changes to the LRAMVA work form.
<a href="#">2. LRAMVA Threshold</a>	<b>Tables 2-a, 2-b and 2-c</b> include the LRAMVA thresholds and allocations by rate class.
<a href="#">3. Distribution Rates</a>	<b>Tables 3-a and 3-b</b> include the distribution rates that are used to calculate lost revenues.
<a href="#">4. 2011-2014 LRAM</a>	<b>Tables 4-a, 4-b, 4-c and 4-d</b> include the template 2011-2014 LRAMVA work forms.
<a href="#">5. 2015-2020 LRAM</a>	<b>Tables 5-a, 5-b, 5-c and 5-d</b> include the template 2015-2020 LRAMVA work forms.
<a href="#">6. Carrying Charges</a>	<b>Table 6-b</b> includes the variance on carrying charges related to the LRAMVA disposition.
<a href="#">7. Persistence Data</a>	<b>Tables 7-a to 7-j</b> should be populated with CDM savings persistence data provided to LDCs from the IESO.

*This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.*

*While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.*



## LRAMVA Work Form: Inputs-Outputs Schematic

Version 2.0 (2017)

### General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

**LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance**

### Legend

Drop Down List (Blue)

### Important Checklist Items

Yes	Highlighted changes to this work form, if any, and provided rationale for the change in Tab 1-a
Yes	Included any necessary assumptions in the "Notes" section of the work form tables and summarized important assumptions in Tab 1-a
Yes	Included the basis and source of the LRAMVA threshold to determine forecast CDM savings in Tab 2
Yes	Included initiative-level persistence savings information as provided by the IESO directly in this work form (pasted in Tabs 7-a, 7-b, etc.)
Yes	Applied IESO verified savings adjustments back to year of program implementation in Tabs 4 and 5
Yes	Included documentation or data substantiating program savings that are included in the claim, but not provided in the IESO's verified results reports, in a new tab in this work form (streetlighting projects, etc.)
	Included documentation or analysis of how rate class allocations were determined each year in a new tab in this work form

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
<b>Actual Incremental CDM Savings by Initiative</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
<u>x Allocation % to Rate Class</u>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	LDC	
<b>Actual Lost Revenues (kWh and kW) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
<b>- Forecast Lost Revenues (kWh and kW) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
<u>x Distribution Rate by Rate Class</u>	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
<b>LRAMVA (\$) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
<u>+ Carrying Charges (\$) by Rate Class</u>	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
<b>Total LRAMVA (\$) by Rate Class</b>	Tab "1. LRAMVA Summary"			



Ontario Energy Board

## LRAMVA Work Form: Summary Tab

Version 2.0 (2017)

### Legend

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

### LDC Name

Alectra Utilities - Legacy Horizon Utilities Corporation

### 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-2014-0002
Application of Previous LRAMVA Claim	2013 COS/IRM Application
Period of LRAMVA Claimed in Previous Application	2011-2012
Amount of LRAMVA Claimed in Previous Application	\$ 244,468.00

#### B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-20XX-XXXX
Application of Current LRAMVA Claim	2018 COS/IRM Application
Period of New LRAMVA in this Application	2013-2015
Actual Lost Revenues (\$)	A \$ 1,999,666
Forecast Lost Revenues (\$)	B \$ 710,954
Carrying Charges (\$)	C \$ 59,371
LRAMVA (\$) for Account 1568	A-B+C \$ 1,348,082

#### C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

Please update the customer rate classes applicable to the LDC 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 Deferral and Variance Account Work Form or IRM Rate Generator Model. If the LDC has more than 14 customer classes, LDCs are required to add rows to Table 1-a and update all tables and formulas in the work form accordingly. Please also ensure that the principle amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

Customer Class	Billing Unit	Principle (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$542,587	\$24,442	\$567,029
GS<50 kW	kWh	\$290,889	\$11,870	\$302,759
General Service 50 to 4,999 kW	kW	\$267,173	\$14,500	\$281,673
Large Use	kW	\$113,717	\$6,072	\$119,789
Large Use	kW	\$9,024	\$302	\$9,325
Street Lighting	kW	\$65,323	\$2,185	\$67,507
	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0
	\$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		\$1,288,711	\$59,371	\$1,348,082

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

In column C of Table 1-b below, please indicate with a 'check mark' the years in which LRAMVA has been claimed. This is to ensure that there are no amounts claimed retroactively. If you have inserted a check-mark for a particular year, please delete the amounts associated with actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any prior years that a distributor has claimed lost revenues should not be included in the current LRAMVA disposition, with the exception 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.

Depending on the period of LRAMVA to be claimed in the current application, LDCs are expected to adjust the applicable totals for carrying charges in row 83 of this table and the years included in the Total LRAMVA balance in row 84, as appropriate.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting	Total
		kWh	kWh	kW	kW	kW	kW	
2011 Actuals		\$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
Amount Cleared								
2012 Actuals		\$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
Amount Cleared								
2013 Actuals		\$265,984.56	\$75,302.35	\$179,540.52	\$51,322.21	\$0.00	\$0.00	\$572,149.66
2013 Forecast		(\$181,089.59)	(\$36,903.85)	(\$62,690.96)	\$0.00	\$0.00	\$0.00	(\$280,684.39)
Amount Cleared								
2014 Actuals		\$471,424.82	\$115,386.34	\$230,889.28	\$60,520.38	\$0.00	\$0.00	\$878,220.82
2014 Forecast		(\$183,604.72)	(\$37,343.18)	(\$63,668.98)	\$0.00	\$0.00	\$0.00	(\$284,616.88)
Amount Cleared								
2015 Actuals		\$221,804.71	\$183,826.53	\$67,443.48	\$1,874.33	\$9,023.53	\$65,322.50	\$549,295.08
2015 Forecast		(\$51,833.06)	(\$9,379.35)	(\$94,340.42)	\$0.00	\$0.00	\$0.00	(\$145,652.84)
Amount Cleared								
Carrying Charges		\$24,442.05	\$11,869.93	\$14,500.32	\$6,072.32	\$301.78	\$2,184.63	\$59,371.04
Total LRAMVA Balance		\$567,029	\$302,759	\$281,673	\$119,789	\$9,325	\$67,507	\$1,348,082

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

**Table 1-c. Breakdown of Incremental and Persisting Lost Revenues Amounts (Dollars)**

LDCs are requested to clear the cells in the table to show only the amounts related to this LRAM/VA application. This table is a check on the LRAM/VA disposition providing a breakdown of actual incremental and persisting savings by year.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
2011	\$ -	\$ -	\$ 199,236.33	\$ 199,741.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 398,977.71
2012		\$ -	\$ 127,798.88	\$ 128,040.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,839.84
2013			\$ 245,114.45	\$ 244,663.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 489,797.97
2014				\$ 305,754.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,754.96
2015					\$ 483,972.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 483,972.58
2016						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017							\$ -	\$ -	\$ -	\$ -	\$ -
2018								\$ -	\$ -	\$ -	\$ -
2019									\$ -	\$ -	\$ -
2020										\$ -	\$ -
<b>Actual Lost Revenues</b>	\$ -	\$ -	\$ 572,149.66	\$ 878,220.82	\$ 483,972.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,934,343.06
<b>Forecast Lost Revenues</b>	\$ -	\$ -	\$ 280,684.39	\$ 284,616.88	\$ 145,652.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 710,954.11
<b>Carrying Charges</b>	\$ -	\$ -	\$ 1,963.75	\$ 10,247.69	\$ 22,868.29	\$ 37,044.11	\$ 52,508.65	\$ 59,371.04	\$ 59,371.04	\$ 59,371.04	\$ 302,745.61
<b>Total</b>	\$ -	\$ -	\$ 293,429.01	\$ 603,851.64	\$ 361,188.03	\$ 37,044.11	\$ 52,508.65	\$ 59,371.04	\$ 59,371.04	\$ 59,371.04	\$ 1,526,134.56

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



## LRAMVA Work Form: Summary of Changes

Version 2.0 (2017)

**Legend**

User Inputs (Green)

Drop Down List (Blue)

Instructions (Grey)

**Table X-1. Changes in Assumptions from Generic Inputs in Work Form**

Please document any changes in assumptions made to the work form that affect the calculation of LRAMVA. 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 savings and adjustments; claiming historical savings persistence beyond a re-basing year; inclusion of additional adjustments affecting distribution rates; use of a different LRAMVA threshold; etc. All important changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	1. LRAMVA Summary	I65	LED streetlight savings for 2015 times with the distribution volumetric rate to get the	The board approved Streetlight amount is 80,726 kW for the City of Hamilton in 2015. Horizon implem
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
etc.				

**Table X-2. Updates to LRAMVA Disposition**

LDCs are requested to 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				
11				
12				
13				
14				
etc.				

**LRAMVA Work Form:  
Forecast Lost Revenues**

Version 2.0 (2017)

**Legend**

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

**Table 2-a. LRAMVA Threshold**

2011

Please provide the LRAMVA threshold approved in the cost of service (COS) 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	Street Lighting								
		kWh	kWh	kW	kW	kW	kW								
WWh	28,142,000	12,575,666	4,393,315	11,173,019											
kW	30,468			30,468											
Summary		12,575,666	4,393,315	30,468	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold 0.5\* 201X + 20XX + 0.5 \* 20XX (if available)  
Source of Threshold EB-2010-0131, Decision and Order, Page 24

**Table 2-b. LRAMVA Threshold**

2015

Please provide the LRAMVA threshold approved in the last COS 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	Street Lighting								
		kWh	kWh	kW	kW	kW	kW								
WWh	19,534,205	3,350,520	928,649	15,235,036											
kW	34,728			34,728											
Summary		3,350,520	928,649	34,728	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold 0.5\* 201X + 20XX + 0.5 \* 20XX (if available)  
Source of Threshold EB-2014-0002, Exhibit 3, Tab 1, Schedule 2, Page 10 of 33

**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, although it is generally expected that 2 COS applications would have been approved during the 2011 to 2020 period. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold (select year)	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting								
		kWh	kWh	kW	kW	kW	kW								
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	2011	12,575,666	4,393,315	30,468	0	0	0	0	0	0	0	0	0	0	0
2014	2011	12,575,666	4,393,315	30,468	0	0	0	0	0	0	0	0	0	0	0
2015	2015	3,350,520	928,649	34,728	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

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



## LRAMVA Work Form: Distribution Rates

Version 2.0 (2017)

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

Tables  
[Table 3](#)  
[Table 3-a](#)

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

The rate classes in column B of Table 3 below are auto-populated from the customer class inputs in Table 1-a of the Summary Tab. Please provide the distribution rates by rate year and applicable adjustments per rate class starting from column D of Table 3 below. 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 from January to the start of the LDC's rate year, entered in row 16 of Table 3 (referred to as period 1). If rates are already on a January 1 to December 31 timeline, please enter 0 in row 16.

	Billing Unit	EB-2009-0228: May 1, 2009 - April 30, 2011	EB-2010-0131: May 1, 2011 - December 31, 2011	EB-2011-0172: January 1, 2012	EB-2012-0132: January 1, 2013 - December 31, 2013	EB-2013-0137: January 1, 2014 - December 31, 2014	EB-2014-0002: January 1, 2015 - December 31, 2015	update	update	update	update	update	update
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 2 (if months)		#	#	0	0	0	0	12	12	12	12	12	12
Period 2 (if months)		#	#	12	12	12	12	12	12	12	12	12	12
Residential	kWh	\$ 0.0127	\$ 0.0142	\$ 0.0143	\$ 0.0146	\$ 0.0147	\$ 0.0155						
Rate rider for tax sharing		\$ 0.0002	\$ 0.0001	\$ 0.0001	\$ 0.0001	\$ 0.0001							
Rate rider for foreign revenue			\$ 0.0010										
Changes in Transformer Allowance													
Adjusted rate		\$ 0.0129	\$ 0.0152	\$ 0.0142	\$ 0.0144	\$ 0.0146	\$ 0.0155	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 0.0143	\$ 0.0142	\$ 0.0144	\$ 0.0144	\$ 0.0146	\$ 0.0155	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GS-50 kW	kWh	\$ 0.0073	\$ 0.0084	\$ 0.0084	\$ 0.0085	\$ 0.0086	\$ 0.0101						
Rate rider for tax sharing		\$ 0.0001		\$ 0.0001	\$ 0.0001	\$ 0.0001							
Rate rider for foreign revenue			\$ 0.0007										
Changes in Transformer Allowance													
Adjusted rate		\$ 0.0072	\$ 0.0091	\$ 0.0083	\$ 0.0084	\$ 0.0085	\$ 0.0101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 0.0085	\$ 0.0083	\$ 0.0084	\$ 0.0085	\$ 0.0101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Service 50 to 4,999 kW	kW	\$ 1.8092	\$ 2.0341	\$ 2.0459	\$ 2.0680	\$ 2.1001	\$ 2.4286						
Rate rider for tax sharing		\$ 0.0217	\$ -	\$ 0.0130	\$ 0.0104	\$ 0.0104							
Rate rider for foreign revenue			\$ 0.1480										
Changes in Transformer Allowance													
Adjusted rate		\$ 1.7875	\$ 2.1821	\$ 2.0329	\$ 2.0576	\$ 2.0897	\$ 2.4286	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 2.0906	\$ 2.0329	\$ 2.0329	\$ 2.0576	\$ 2.0897	\$ 2.4286	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Large Use	kW	\$ 1.0217	\$ 1.3559	\$ 1.3436	\$ 1.3681	\$ 1.3792	\$ 1.3465						
Rate rider for tax sharing		\$ 0.0061	\$ -	\$ 0.0020	\$ 0.0074	\$ 0.0074							
Rate rider for foreign revenue			\$ 0.1842										
Changes in Transformer Allowance													
Adjusted rate		\$ 1.0123	\$ 1.5301	\$ 1.3344	\$ 1.3567	\$ 1.3718	\$ 1.3465	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 1.3575	\$ 1.3344	\$ 1.3567	\$ 1.3718	\$ 1.3718	\$ 1.3465	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Large Use	kW					\$ 0.2246							
Rate rider for tax sharing													
Rate rider for foreign revenue													
Changes in Transformer Allowance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.2246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.2246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.2246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Street Lighting	kW	\$ 5.3728	\$ 6.1804	\$ 6.1861	\$ 6.2630	\$ 6.3601	\$ 7.4960						
Rate rider for tax sharing		\$ 0.1143	\$ -	\$ 0.0672	\$ 0.0537	\$ 0.0537							
Rate rider for foreign revenue			\$ 0.5411										
Changes in Transformer Allowance													
Adjusted rate		\$ 5.2585	\$ 6.7015	\$ 6.1289	\$ 6.2093	\$ 6.3064	\$ 7.4960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ 6.2205	\$ 6.1289	\$ 6.2093	\$ 6.3064	\$ 6.3064	\$ 7.4960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: LDC to make note of assumptions affecting the distribution rates above, if any.

**Table 3-a. Distribution Rates by Rate Class**

Table 3-a below pulls the average distribution rates from Table 3 above. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used by clearing the rates for year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be carried over to Tabs 4 and 5 of the work form to calculate lost revenues.

Year	Residential	GS-50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting
	kWh	kWh	kW	kW	kW	kW
2011	\$0.0143	\$0.0085	\$2.0906	\$1.3575	\$0.0000	\$6.2205
2012	\$0.0142	\$0.0083	\$2.0329	\$1.3344	\$0.0000	\$6.1289
2013	\$0.0144	\$0.0084	\$2.0576	\$1.3507	\$0.0000	\$6.2093
2014	\$0.0146	\$0.0085	\$2.0897	\$1.3718	\$0.0000	\$6.3064
2015	\$0.0155	\$0.0101	\$2.4286	\$1.3465	\$0.0000	\$7.4960
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of assumptions affecting the distribution rates above, if any.

## LRAMVA Work Form:

### 2011 - 2014 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
	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 from energy efficiency programs, consistent with the monthly multipliers indicated in
	4. LDCs are requested to input the applicable rate class allocation percentages indicating the customer's share of consumption 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 re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if

Tables	<a href="#">Table 4-a. 2011 Lost Revenues</a>
	<a href="#">Table 4-b. 2012 Lost Revenues</a>
	<a href="#">Table 4-c. 2013 Lost Revenues</a>
	<a href="#">Table 4-d. 2014 Lost Revenues</a>

**Table 4-a. 2011 Lost Revenues Work Form**

Table 4-4: 2011 Lost Revenues Work Form		Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
Program	2011		2011	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting										
Consumer Program					kWh	kWh	kW	kW	kW	kW									
Actual CDM Savings in 2011				34,567,923	12,220	5,885,657	2,018,176	32,552	23,152	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	
Distribution Rate in 2011						\$0.01430	\$0.00850	\$2.05060	\$1.35750	\$1.35750	\$6.22050	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2011 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	\$ -	
Forecast Lost Revenues in 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	\$ -	
LRAMVA in 2011																		\$ -	
2011 Savings Persisting in 2012						0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013						5,882,827	1,939,409	32,546	23,147	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014						5,867,796	1,683,038	32,546	23,147	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015						5,301,530	1,418,658	32,546	23,147	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016						4,264,693	1,414,629	32,543	23,144	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2017						3,842,932	321,744	32,448	23,060	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2018						3,836,956	320,700	32,143	22,790	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2019						4,185,769	320,700	31,630	22,335	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2020						3,101,067	320,700	31,630	22,335	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of assumptions included above

**Table 4-b. 2012 Lost Revenues Work Form**

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total	
		2012	2012	Residential	GS-50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting											
Consumer Program				kWh	kWh	kW	kW	kW												
Actual CDM Savings in 2012		21,556,239	14,097	4,033,893	1,875,038	18,752	11,824	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	0		
Distribution Rate in 2012				\$0.01420	\$0.00830	\$2.03290	\$1.33440	\$1.33440	\$6.12890	\$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				\$0.00	\$0.00	\$0.00	\$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 2012 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	\$ -	
Total Lost Revenues 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	\$ -	
Forecast Lost Revenues 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	\$ -	
LRAMVA in 2012																				
2012 Savings Persisting in 2013				4,020,243	1,875,038	18,632	11,712	0	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2014				4,019,812	1,817,432	18,320	11,387	0	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2015				4,016,981	1,557,887	18,150	11,210	0	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2016				3,587,868	1,557,887	17,878	11,194	0	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2017				3,015,536	508,602	16,912	10,190	0	0	0	0	0	0	0	0	0	0	0		
2012 Savings Persisting in 2018				2,718,416	508,602	16,745	10,006	0	0	0	0	0	0	0	0	0	0	0		

2012 Savings Persisting in 2019	2,710,535	508,460	16,717	9,977	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2020	2,522,449	508,460	16,347	9,592	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2013	2013	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting										
		kWh	kWh	kW	kW	kW	kW	kW											
Actual CDM Savings in 2013		31,997,845	24,208	8,568,080	5,150,119	36,079	3,137	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2013				12,575,666	4,393,315	30,468	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2013				\$0.01440	\$0.00840	\$2.05760	\$1.35070	\$1.35070	\$6.20930	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
Lost Revenue in 2013 from 2011 programs				\$84,712.71	\$16,291.03	\$66,967.33	\$31,265.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 199,236.33	
Lost Revenue in 2013 from 2012 programs				\$57,891.50	\$15,750.32	\$38,337.62	\$15,819.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 127,799.88	
Lost Revenue in 2013 from 2013 programs				\$123,380.35	\$49,261.00	\$74,235.57	\$4,237.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 245,114.45	
Total Lost Revenues in 2013				\$265,984.56	\$75,302.35	\$179,540.52	\$51,322.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 572,149.66	
Forecast Lost Revenues in 2013				\$181,089.59	\$36,903.85	\$62,690.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 280,684.39	
LRAMVA in 2013																		\$ 291,465.26	
2013 Savings Persisting in 2014				8,460,445	5,150,118	35,032	3,046	0	0	0	0	0	0	0	0	0	0		
2013 Savings Persisting in 2015				8,298,943	5,127,794	34,836	3,029	0	0	0	0	0	0	0	0	0	0		
2013 Savings Persisting in 2016				7,746,554	5,008,483	34,145	2,969	0	0	0	0	0	0	0	0	0	0		
2013 Savings Persisting in 2017				7,358,874	3,809,764	31,315	2,723	0	0	0	0	0	0	0	0	0	0		
2013 Savings Persisting in 2018				7,006,817	3,809,764	29,980	2,607	0	0	0	0	0	0	0	0	0	0		
2013 Savings Persisting in 2019				6,862,916	3,809,764	29,980	2,607	0	0	0	0	0	0	0	0	0	0		
2013 Savings Persisting in 2020				6,854,562	3,809,764	29,947	2,604	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2014	2014	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting										
		kWh	kWh	kW	kW	kW	kW	kW											
Consumer Program																			
Actual CDM Savings in 2014		38,147,644	31,000	13,941,319	4,924,276	24,591	6,537	0	0	0	0	0	0	0	0	0	0		
Forecast CDM Savings in 2014				12,575,666	4,393,315	30,468	0	0	0	0	0	0	0	0	0	0	0		
Distribution Rate in 2014				\$0.01460	\$0.00850	\$2.08970	\$1.37180	\$1.37180	\$6.30640	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
Lost Revenue in 2014 from 2011 programs				\$85,669.82	\$14,305.82	\$68,012.06	\$31,753.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 199,741.38	
Lost Revenue in 2014 from 2012 programs				\$58,689.26	\$15,448.17	\$38,282.97	\$15,620.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 128,040.97	
Lost Revenue in 2014 from 2013 programs				\$123,522.49	\$43,776.00	\$73,206.18	\$4,178.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 244,683.52	
Lost Revenue in 2014 from 2014 programs				\$203,543.26	\$41,856.35	\$51,388.06	\$8,967.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 305,754.96	
Total Lost Revenues in 2014				\$471,424.82	\$115,386.34	\$230,889.28	\$60,520.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 878,220.82	
Forecast Lost Revenues in 2014				\$183,604.72	\$37,343.18	\$63,668.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 284,616.88	
LRAMVA in 2014																		\$ 593,603.94	
2014 Savings Persisting in 2015				13,117,445	4,903,411	24,517	6,517	0	0	0	0	0	0	0	0	0	0		
2014 Savings Persisting in 2016				12,411,800	4,693,980	24,517	6,517	0	0	0	0	0	0	0	0	0	0		
2014 Savings Persisting in 2017				12,012,041	3,601,902	23,440	6,231	0	0	0	0	0	0	0	0	0	0		
2014 Savings Persisting in 2018				11,831,213	2,296,430	23,440	6,231	0	0	0	0	0	0	0	0	0	0		
2014 Savings Persisting in 2019				11,831,213	2,296,430	23,155	6,155	0	0	0	0	0	0	0	0	0	0		
2014 Savings Persisting in 2020				11,767,768	2,296,430	22,395	5,953	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of 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 LRAMVA work forms apply to LDCs that need to recover lost revenues from 2015 programs that were reported by the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 would be reported by the LDC in 2018. 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 set out in the OEB's 2015 LRAMVA Model. The OEB's 2015 LRAMVA Model includes rate class allocation percentages indicating the customer's share of consumption to allocate actual savings to the rate classes. The generic 5. 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 LRAMVA totals for the year)

### 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

[Go to Persistence Report](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2015	2015	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting									
<b>Legacy Framework</b>																		
Actual CDM Savings in 2015		83,524,379	11,524															
Forecast CDM Savings in 2015																		
Distribution Rate in 2015				\$0.01550	\$0.01010	\$2.42860	\$1.34650	\$0.22460	\$7.49600	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2015 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	\$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	\$0.00	\$ -
Lost Revenue in 2015 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	\$ -
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	\$ -
Lost Revenue in 2015 from 2015 programs		\$221,804.71	\$183,826.53	\$67,443.48	\$1,874.33	\$9,023.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 483,972.58
<b>Total Lost Revenues in 2015</b>		<b>\$221,804.71</b>	<b>\$183,826.53</b>	<b>\$67,443.48</b>	<b>\$1,874.33</b>	<b>\$9,023.53</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$ 483,972.58</b>
<b>Forecast Lost Revenues in 2015 LRAMVA in 2015</b>		<b>\$51,933.06</b>	<b>\$9,379.35</b>	<b>\$84,340.42</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$ 145,652.84</b>
																		<b>\$ 338,319.75</b>
2015 Savings Persisting in 2016				11,183,805	18,063,471	25,863	1,392	40,176	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2017				11,174,477	18,036,133	22,351	1,392	40,176	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2018				11,166,168	18,012,976	21,569	1,392	40,176	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2019				11,127,352	18,012,976	21,699	1,392	40,176	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2020				11,079,736	18,012,976	21,675	1,236	40,176	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2016	2016	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting									
<b>Legacy Framework</b>																		
Actual CDM Savings in 2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2016				\$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 2016 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	\$0.00	\$ -
Lost Revenue in 2016 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	\$ -
Lost Revenue in 2016 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	\$ -
Lost Revenue in 2016 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	\$ -

Note: IDC to make note of assumptions included above

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2018 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0
Notes: All \$'s are millions of euros unless otherwise indicated.												

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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																\$	-
2019 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of assumptions included above

Table 5-f. 2020 Lost Revenues Work Form [Return to top](#)

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA															Total
		2020	2020	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting										
Legacy Framework																			
Actual CDM Savings in 2020		0	0	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	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	\$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	\$ -
Lost 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	\$ -
Lost Revenue in 2020 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 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	\$ -
Lost 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	\$ -
Lost 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	\$ -
Lost 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	\$ -
Lost 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	\$ -
Lost 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	\$ -
Lost 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				\$0.00	\$0.00	\$0.00	\$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 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	\$ -

Note: LDC to make note of assumptions included above

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LRAMVA Work Form:  
Carrying Charges by Rate Class

Version 2.0 (2017)

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. The quarterly interest rates are used to calculate the carrying charges for LRAMVA. Starting from column I, the principle will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rates 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.

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	
2018 Q4	
2019 Q1	
2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

Check OEB website

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 to 4,999 kW	Large Use	Large Use	Street Lighting	Total
Jan-11	2011	Q1	0.12%	\$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
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-11	2011	Q2	0.12%	\$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
Jun-11	2011	Q2	0.12%	\$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
Aug-11	2011	Q3	0.12%	\$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
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-11	2011	Q4	0.12%	\$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
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Opening Balance for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$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
Apr-12	2011-2012	Q2	0.12%	\$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
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$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
Nov-12	2011-2012	Q4	0.12%	\$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
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Opening Balance for 2013				\$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
Feb-13	2011-2013	Q1	0.12%	\$8.67	\$3.92	\$11.93	\$5.24	\$0.00	\$0.00	\$29.75
Mar-13	2011-2013	Q1	0.12%	\$17.33	\$7.84	\$23.86	\$10.48	\$0.00	\$0.00	\$59.51
Apr-13	2011-2013	Q2	0.12%	\$26.00	\$11.76	\$35.79	\$15.72	\$0.00	\$0.00	\$89.26
May-13	2011-2013	Q2	0.12%	\$34.67	\$15.68	\$47.71	\$20.96	\$0.00	\$0.00	\$119.01
Jun-13	2011-2013	Q2	0.12%	\$43.33	\$19.60	\$59.64	\$26.20	\$0.00	\$0.00	\$148.77
Jul-13	2011-2013	Q3	0.12%	\$52.00	\$23.52	\$71.57	\$31.43	\$0.00	\$0.00	\$178.52
Aug-13	2011-2013	Q3	0.12%	\$60.66	\$27.44	\$83.50	\$36.67	\$0.00	\$0.00	\$208.28
Sep-13	2011-2013	Q3	0.12%	\$69.33	\$31.36	\$95.43	\$41.91	\$0.00	\$0.00	\$238.03
Oct-13	2011-2013	Q4	0.12%	\$78.00	\$35.28	\$107.36	\$47.15	\$0.00	\$0.00	\$267.78
Nov-13	2011-2013	Q4	0.12%	\$86.66	\$39.20	\$119.28	\$52.39	\$0.00	\$0.00	\$297.54
Dec-13	2011-2013	Q4	0.12%	\$95.33	\$43.12	\$131.21	\$57.63	\$0.00	\$0.00	\$327.29
Total for 2013				\$571.98	\$258.71	\$787.27	\$345.78	\$0.00	\$0.00	\$1,963.75
Amount Cleared										
Opening Balance for 2014				\$571.98	\$258.71	\$787.27	\$345.78	\$0.00	\$0.00	\$1,963.75
Jan-14	2011-2014	Q1	0.12%	\$104.00	\$47.04	\$143.14	\$62.87	\$0.00	\$0.00	\$357.04
Feb-14	2011-2014	Q1	0.12%	\$133.38	\$55.01	\$160.21	\$69.05	\$0.00	\$0.00	\$417.64
Mar-14	2011-2014	Q1	0.12%	\$162.76	\$62.97	\$177.28	\$75.23	\$0.00	\$0.00	\$478.24
Apr-14	2011-2014	Q2	0.12%	\$192.14	\$70.94	\$194.35	\$81.40	\$0.00	\$0.00	\$538.84
May-14	2011-2014	Q2	0.12%	\$221.52	\$78.91	\$221.42	\$87.58	\$0.00	\$0.00	\$599.43
Jun-14	2011-2014	Q2	0.12%	\$250.90	\$86.87	\$228.49	\$93.76	\$0.00	\$0.00	\$660.03
Jul-14	2011-2014	Q3	0.12%	\$280.29	\$94.84	\$245.56	\$99.94	\$0.00	\$0.00	\$720.63
Aug-14	2011-2014	Q3	0.12%	\$309.67	\$102.81	\$262.63	\$106.12	\$0.00	\$0.00	\$781.22
Sep-14	2011-2014	Q3	0.12%	\$339.05	\$110.77	\$279.70	\$112.29	\$0.00	\$0.00	\$841.82
Oct-14	2011-2014	Q4	0.12%	\$368.43	\$118.74	\$296.77	\$118.47	\$0.00	\$0.00	\$902.42
Nov-14	2011-2014	Q4	0.12%	\$397.81	\$126.71	\$313.84	\$124.65	\$0.00	\$0.00	\$963.02
Dec-14	2011-2014	Q4	0.12%	\$427.19	\$134.67	\$330.92	\$130.83	\$0.00	\$0.00	\$1,023.61
Total for 2014				\$3,759.12	\$1,348.98	\$3,631.61	\$1,507.98	\$0.00	\$0.00	\$10,247.69
Amount Cleared										
Opening Balance for 2015				\$3,759.12	\$1,348.98	\$3,631.61	\$1,507.98	\$0.00	\$0.00	\$10,247.69
Jan-15	2011-2015	Q1	0.12%	\$456.58	\$142.64	\$347.99	\$137.01	\$0.00	\$0.00	\$1,084.21
Feb-15	2011-2015	Q1	0.12%	\$473.92	\$160.45	\$346.26	\$137.20	\$0.00	\$0.00	\$1,125.41
Mar-15	2011-2015	Q1	0.12%	\$491.26	\$178.26	\$344.54	\$137.39	\$0.00	\$0.00	\$1,166.62
Apr-15	2011-2015	Q2	0.09%	\$380.58	\$146.72	\$256.53	\$102.95	\$2.07	\$14.97	\$903.81

[illegible]





Ontario Energy Board

## Supporting Documentation: LDC Persistence Savings Results from IESO

Version 2.0 (2017)

Legend

Instructions (Grey)

### Supporting Documentation

The following tabs 7-a to 7-j must be populated with the verified savings results from the IESO's (or former OPA's) persistence reports.

The persistence data tabs have been structured in a way to match the formatting of the persistence report provided by the IESO.

[Tab 7-a. 2011](#)

[Tab 7-b. 2012](#)

[Tab 7-c. 2013](#)

[Tab 7-d. 2014](#)

[Tab 7-e. 2015](#)

[Tab 7-f. 2016](#)



# Ontario Energy Board

## Legend

User Inputs (Green)

Instructions (Grey)

**Table 7-a. 2011 Persisting Savings**

[Go to Tab 4.](#)

1. LDCs are requested to paste a copy of the 2011 "LDC CDM Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.
2. Please ensure that verified adjustments to 2011 programs that become available in future evaluation audits are included in the 2011 form below.

#	Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Tx (Transmission) or Dx (Distribution) Connected
1	Tier 1	Consumer	Appliance Exchange	Horizon U Residential	EE		2011	
2	Tier 1	Consumer	Appliance Retirement	Horizon U Residential	EE		2011	
3	Tier 1	Consumer	Bi-Annual Retailer Event	Horizon U Residential	EE		2011	
4	Tier 1	Consumer	Conservation Instant Coupon Booklet	Horizon U Residential	EE		2011	
5	Tier 1	Consumer	HVAC Incentives	Horizon U Residential	EE		2011	
6	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2011	
7	Tier 1	Consumer	Retailer Co-op	Horizon U Residential	EE		2011	
8	Tier 1	Business	Commercial Demand Response (part of the Residential program schedule)	Horizon U Commercial	DR		2011	
9	Tier 1	Business	Demand Response 3 (part of the Industrial program schedule)	Horizon U Commercial	DR		2011	
10	Tier 1	Business	Direct Install Lighting	Horizon U Commercial	EE		2011	
11	Tier 1	Business	Retrofit	Horizon U Commercial	EE		2011	
12	Tier 1	Business	Energy Audit	Horizon U Commercial	EE		2011	
13	Tier 1	Industrial	Demand Response 3	Horizon U Industrial	DR		2011	
14	Tier 1	Industrial	Retrofit	Horizon U Industrial	EE		2011	
15	Tier 1	Pre-2011 Prc Electricity Retrofit Incentive Program		Horizon U Commercial	EE		2011	
16	Tier 1	Pre-2011 Prc High Performance New Construction		Horizon U Commercial	EE		2011	
etc.								

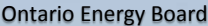






[illegible]

[illegible]



2012 LDC

Legend	User Inputs (Green)
	Instructions (Grey)

### Table 7-b. 2012 Persisting Savings

[Go to Tab 4.](#)

1. LDCs are requested to paste a copy of the 2012 "LDC CDM Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.
2. Please ensure that verified adjustments to 2012 programs that become available in future evaluation audits are included in the 2012 form below.

[illegible]



**Supporting Documentation:**  
**Persistence Savings Results from IESO**

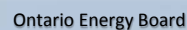
[illegible]



															Net Verified Annual Energy Savings at the End-User Level (kWh)					
2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040		2011	2012	2013	2014	2015	2016
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,875,038	1,875,038	1,817,432	1,557,887	1,557,887
71	63	63	63	63	-	-	-	-	-	-	-	-	-	-	-	9,600,471	9,532,535	9,389,579	9,295,397	9,282,626
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,529	75,529	75,529	75,529	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,331	1,331	1,331	1,331	1,331
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33,812	33,812	33,812	33,507	-
8	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	669,778	669,778	669,778	667,421	389,535
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,082,743	1,082,743	1,082,743	1,082,743	973,317
1,091	1,091	1,091	837	-	-	-	-	-	-	-	-	-	-	-	-	56,527	56,527	56,527	56,527	55,678
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,843,136	1,843,136	1,843,136	1,843,136	1,843,136
4	4	4	4	4	2	-	-	-	-	-	-	-	-	-	-	13,650	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	286,839	286,839	286,839	286,839	281,080
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	155,311	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	582,164	582,164	582,164	582,164	582,164
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,718	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	479,921	479,921	479,921	479,921	479,921
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,839	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,562	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	711,166	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,614	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	615,841	615,841	615,841	615,841	615,841	611,887
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60,847	60,847	60,847	56,320	56,320	56,320
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	251,763	251,763	251,763	251,763	251,763	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,668,716	1,668,716	1,668,716	1,668,716	1,668,716	1,668,716
(298)	(298)	(240)	-	-	-	-	-	-	-	-	-	-	-	-	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88,271	88,271	88,271	88,271	88,271	80,213
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,144	11,144	11,144	11,144	11,144	10,182

2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
508,602	508,602	508,460	508,460	508,460	419,507	419,507	-	-	-	-	-	-	-	-	-
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	212,836	196,882	196,882	196,882	196,882	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	1,331	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
791,446	539,847	538,725	538,725	273,631	203,070	196,759	196,759	183,022	183,022	180,519	50,650	50,650	50,650	50,650	-
55,678	26,219	26,074	26,074	26,074	4,235	3,411	3,411	2,931	2,931	2,822	-	-	-	-	-
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	1,615,824	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
281,080	265,687	259,543	71,679	69,194	53,331	53,331	47,225	47,225	18,875	18,267	18,267	18,267	18,267	18,267	13,293
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
582,164	582,164	582,164	582,164	582,164	582,164	582,164	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
479,921	479,921	479,921	479,921	479,921	479,921	479,921	479,921	479,921	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
545,801	248,054	248,054	248,054	227,146	219,730	85,282	85,282	84,548	84,548	-	-	-	-	-	-
15,838	15,838	15,838	15,838	14,610	14,610	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,668,716	1,668,716	1,668,716	1,668,716	1,668,716	1,668,716	1,668,716	1,668,716	1,668,716	-	-	-	-	-	-	-
(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(545,322)	(494,163)	-	-	-
43,306	43,297	43,297	9,552	8,025	7,369	7,369	6,115	6,115	6,108	-	-	-	-	-	-
6,247	6,238	6,238	2,210	998	726	726	652	652	645	-	-	-	-	-	-

2040	.
2039	.
2038	.
2037	.
2036	.
2035	.
2034	.
2033	.



### Supporting Documentation:

Legend	User Inputs (Green)
	Instructions (Grey)

[Go to Tab 4.](#)

1. LDCs are requested to paste a copy of the 2013 "LDC CDM Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.
2. Please ensure that verified adjustments to 2013 programs that become available in future evaluation audits are included in the 2013 form below.

#	Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Tx (Transmission) or Dx (Distribution) Connected	Status	Notes	Activity Unit Name	Activity / Participation (i.e. # of appliances)	Gross Summer Peak Demand Savings (kW)	Gross Energy Savings (kWh)		Net Verified Annual Peak Demand Savings at the End-User Level (kW)						
																2011	2012	2013	2014	2015	2016	2017
	1	LDC	Business	Energy Audit Funding	Horizon U	Commerc	EE	2012	Dx	N/A	Audit	1	5	25,176		5	5	5	-	-		
	2	LDC	Business	Energy Audit Funding	Horizon U	Commerc	EE	2013	Dx	N/A	Audit	8	107	586,485		-	71	71	71	-		
	3	LDC	Business	DR-3	Horizon U	Commerc	DR	2013	Dx	N/A	Facilities	5	-	-		-	597	-	-	-		
	4	LDC	Business	New Construction	Horizon U	Commerc	EE	2013	Dx	N/A	Facilities	3	11	38,576		-	6	6	6	6		
	5	LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2009	Dx	N/A	Devices	2	-	-		-	1	-	-	-		
	6	LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2011	Dx	N/A	Devices	2	-	-		-	1	-	-	-		
	7	LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2012	Dx	N/A	Devices	12	-	-		-	8	-	-	-		
	8	LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2013	Dx	N/A	Devices	4	-	-		-	3	-	-	-		
	9	LDC	Business	peaksaverPLUS (IHD)	Horizon U	Commerc	DR	2012	Dx	N/A	Devices	10	-	-		-	-	-	-	-		
	10	LDC	Business	peaksaverPLUS (IHD)	Horizon U	Commerc	DR	2013	Dx	N/A	Devices	5	-	-		-	-	-	-	-		
	11	LDC	Business	Retrofit	Horizon U	Commerc	EE	2012	Dx	N/A	Projects	29	134	792,821		105	105	102	102	90		
	12	LDC	Business	Retrofit	Horizon U	Commerc	EE	2013	Dx	N/A	Projects	372	4,031	22,384,514		-	2,948	2,856	2,775	2,525		
	13	LDC	Business	Small Business Lighting	Horizon U	Commerc	EE	2013	Dx	N/A	Projects	415	479	1,528,270		-	453	453	447	414		
	14	LDC	Consumer	Annual Coupons	Horizon U	Residenti	EE	2013	Dx	Custom	1c measures	14,024	19	276,622		-	21	21	20	17		
	15	LDC	Consumer	Appliance Exchange	Horizon U	Residenti	EE	2013	Dx	Dehumidi	Appliance	178	70	124,940		-	37	37	37	37		
	16	LDC	Consumer	Appliance Retirement	Horizon U	Residenti	EE	2013	Dx	N/A	Appliance	877	124	793,096		-	57	57	57	56		
	17	LDC	Consumer	Bi-Annual Retailer Events	Horizon U	Residenti	EE	2013	Dx	Custom	1c measures	38,196	46	664,698		-	48	48	45	36		
	18	LDC	Consumer	Home Assistance Program	Horizon U	Residenti	EE	2013	Dx	N/A	Projects	3,550	808	4,634,362		-	808	803	798	781		
	19	LDC	Consumer	HVAC	Horizon U	Residenti	EE	2012	Dx	Blended	L Equipmer	84	36	61,698		16	16	16	16	16		
	20	LDC	Consumer	HVAC	Horizon U	Residenti	EE	2013	Dx	Blended	L Equipmer	4,768	1,997	3,426,318		-	974	974	974	974		
	21	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2006	Dx	N/A	Devices	135	-	-		-	53	-	-	-		
	22	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2007	Dx	N/A	Devices	398	-	-		-	156	-	-	-		
	23	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2008	Dx	N/A	Devices	857	-	-		-	335	-	-	-		
	24	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2009	Dx	N/A	Devices	1,365	-	-		-	539	-	-	-		
	25	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2010	Dx	N/A	Devices	1,034	-	-		-	404	-	-	-		
	26	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2011	Dx	N/A	Devices	1,921	-	-		-	758	-	-	-		
	27	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2012	Dx	N/A	Devices	1,617	-	-		-	628	-	-	-		
	28	LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2013	Dx	N/A	Devices	2,233	-	-		-	866	-	-	-		
	29	LDC	Consumer	peaksaverPLUS (IHD)	Horizon U	Residenti	DR	2012	Dx	N/A	Devices	3,917	-	-		-	-	-	-	-		
	30	LDC	Consumer	peaksaverPLUS (IHD)	Horizon U	Residenti	DR	2013	Dx	N/A	Devices	4,451	-	-		-	-	-	-	-		
	31	LDC	Industrial	DR-3	Horizon U	Industrial	DR	2013	Dx	N/A	Facilities	9	-	-		-	13,261	-	-	-		
	32	LDC	Industrial	Energy Manager	Horizon U	Industrial	EE	2013	Dx	N/A	Facilities	5	25	198,003		-	23	17	17	11		
	33	Non-LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2007	Dx	N/A	Devices	76	-	-		-	49	-	-	-		
	34	Non-LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2008	Dx	N/A	Devices	2	-	-		-	1	-	-	-		
	35	Non-LDC	Business	peaksaverPLUS	Horizon U	Commerc	DR	2009	Dx	N/A	Devices	13	-	-		-	8	-	-	-		
	36	Non-LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2006	Dx	N/A	Devices	605	-	-		-	237	-	-	-		
	37	Non-LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2007	Dx	N/A	Devices	1,016	-	-		-	402	-	-	-		
	38	Non-LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2008	Dx	N/A	Devices	1,431	-	-		-	559	-	-	-		
	39	Non-LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2009	Dx	N/A	Devices	1,934	-	-		-	765	-	-	-		
	40	Non-LDC	Consumer	peaksaverPLUS	Horizon U	Residenti	DR	2010	Dx	N/A	Devices	1,212	-	-		-	476	-	-	-		
	41	Non-LDC	Industrial	DR-3	Horizon U	Industrial	DR	2013	Dx	N/A	Facilities	2	-	-		-	2,588	-	-	-		
	42	LDC	Consumer	Appliance Retirement	Horizon U	Residenti	EE	2013	Dx	N/A	Appliance	1	0	522		-	0	0	0	0		
	43	LDC	Consumer	HVAC	Horizon U	Residenti	EE	2012	Dx	Blended	L Equipmer	1	0	688		0	0	0	0	0		
44																						
etc																						

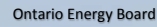


																							Net Verified Annual Energy Savings at the End-User Level (kWh)			
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2011	2012	2013	2014
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,176	25,176	25,176
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	387,606	387,606
6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,571	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,831	20,831
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	88	81	69	44	43	18	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	626,454	626,454	615,907
2,409	2,409	2,407	2,287	1,812	1,241	1,228	675	361	361	315	119	116	116	116	-	-	-	-	-	-	-	-	-	-	16,367,574	16,081,473
177	177	177	177	177	170	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,442,489	1,442,489
17	17	17	13	13	10	10	10	10	10	10	10	6	6	6	-	-	-	-	-	-	-	-	-	-	311,606	311,606
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65,760	65,760
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	372,961	372,961
36	36	36	31	31	23	15	15	14	14	14	12	7	7	7	-	-	-	-	-	-	-	-	-	-	694,555	694,555
767	759	759	689	669	656	656	650	650	577	574	574	574	574	574	8	-	-	-	-	-	-	-	-	-	4,634,362	4,542,446
16	16	16	16	16	16	16	16	16	16	16	16	16	12	-	-	-	-	-	-	-	-	-	-	-	30,424	30,424
974	974	974	974	974	974	974	974	974	974	974	974	974	734	-	-	-	-	-	-	-	-	-	-	-	1,639,842	1,639,842
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	573	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,283	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,882	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,539	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,613	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,378	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	673	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	331,641	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178,203	126,236
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	917	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,437	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,040	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,729	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,725	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100,174	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	247
0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	336	336









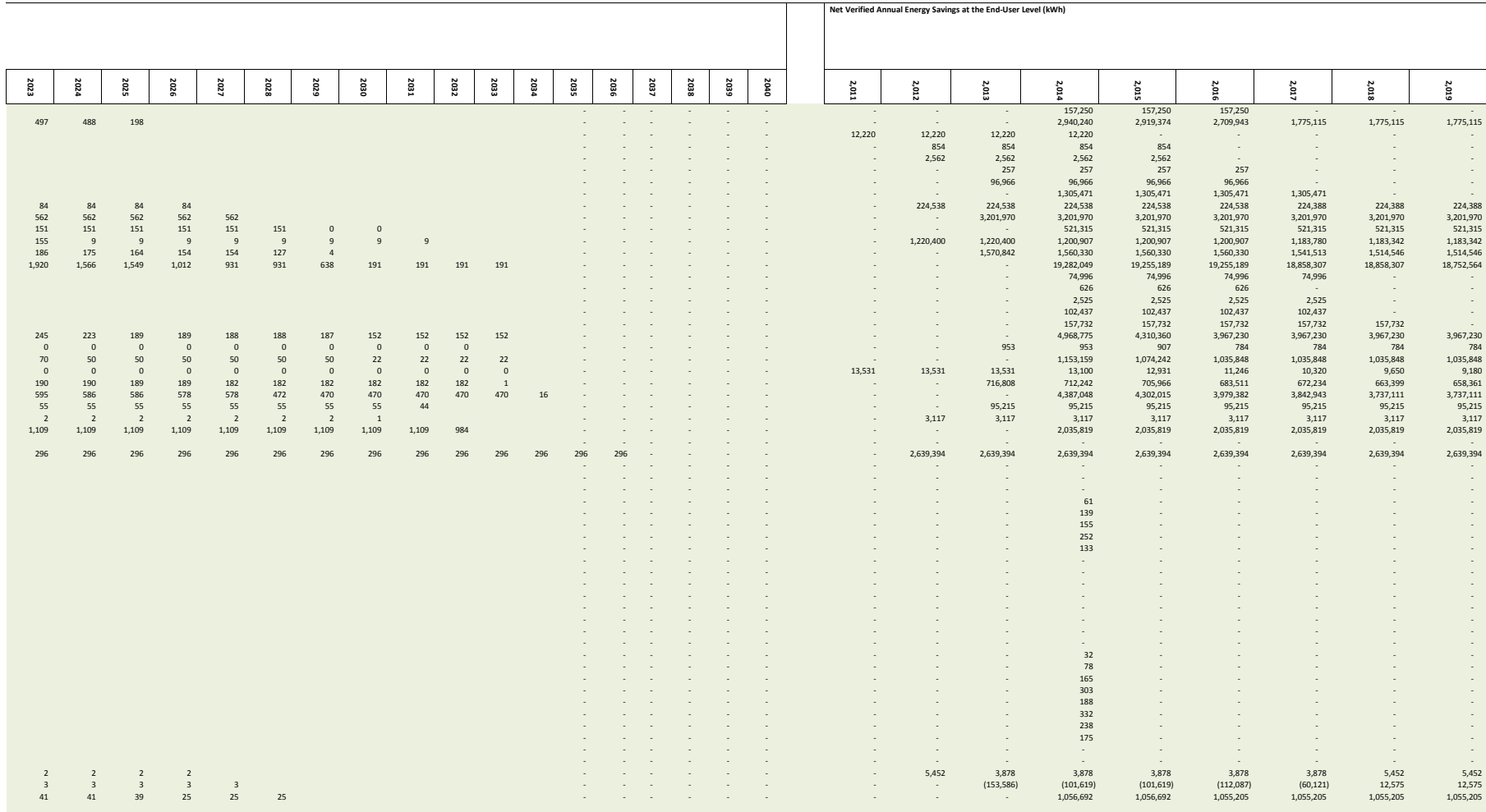
**Supporting Documentation:**

Instructions (Grey)

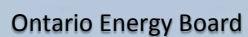
[Go to Tab 4.](#)

1. LDCs are requested to paste a copy of the 2014 "LDC CDM Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.
2. Please ensure that verified adjustments to 2014 programs that become available in future evaluation audits are included in the 2014 form below.

#		Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	Implementation Year	Tx (Transmission) or Dx (Distribution) Connected	Status	Notes	Activity Unit Name	Activity / Participation (i.e. # of appliances)	Gross Summer Peak Demand Savings (KW)	Gross Energy Savings (KWh)		Net Verified Annual Peak Demand Savings at the End-User Level (kW)													
																	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
	1	LDC	Business	Building Commissioning	Horizon U Commercial	EE		2014	Dx	n/a	Buildings	2	133	133	157,250						133	133	133							
	2	LDC	Business	Direct Install Lighting	Horizon U Commercial	EE		2014	Dx	n/a	Projects	991	852	852	2,940,240						852	847	789	497	497	497	497	497	497	497
	3	LDC	Business	Energy Audit	Horizon U Commercial	EE		2011	Dx	n/a	Audit	1	2	2	48,882															
	4	LDC	Business	Energy Audit	Horizon U Commercial	EE		2012	Dx	n/a	Audit	1	0	0	2,562		2		0	0	0	0								
	5	LDC	Business	Energy Audit	Horizon U Commercial	EE		2012	Dx	n/a	Audit	1	1	1	7,687			1	1	1	1	1								
	6	LDC	Business	Energy Audit	Horizon U Commercial	EE		2013	Dx	n/a	Audit	1	0	0	514					0	0	0								
	7	LDC	Business	Energy Audit	Horizon U Commercial	EE		2013	Dx	n/a	Audit	2	18	18	993,932				18	18	18	18								
	8	LDC	Business	Energy Audit	Horizon U Commercial	EE		2014	Dx	n/a	Audit	20	267	267	1,305,471					267	267	267	267							
	9	LDC	Business	High Performance New Construction	Horizon U Commercial	EE		2012	Dx	n/a	a	4	85	85	673,613			85	85	85	85	85	85	85	85	85	85	85	85	85
	10	LDC	Business	High Performance New Construction	Horizon U Commercial	EE		2013	Dx	n/a	a	4	581	581	6,403,939					581	581	581	581	581	581	581	581	573	573	
	11	LDC	Business	High Performance New Construction	Horizon U Commercial	EE		2014	Dx	n/a	a	8	151	151	521,315					151	151	151	151	151	151	151	151	151	151	151
	12	LDC	Business	Retrofit	Horizon U Commercial	EE		2012	Dx	n/a	Projects	14	162	162	3,226,823															
	13	LDC	Business	Retrofit	Horizon U Commercial	EE		2013	Dx	n/a	Projects	29	317	317	3,131,172			169	169	320	317	317	317	312	307	307	306	281	245	
	14	LDC	Business	Retrofit	Horizon U Commercial	EE		2014	Dx	n/a	Projects	457	2,594	2,594	19,282,049						2,594	2,586	2,586	2,473	2,473	2,443	2,362	2,362	2,260	
	15	LDC	Consumer	Appliance Exchange	Horizon U Residential	EE		2014	Dx	n/a	Dehumidifier Appliance	203	42	42	74,996						42	42	42	42						
	16	LDC	Consumer	Appliance Retirement	Horizon U Residential	EE		2014	Dx	n/a	Appliance	6	1	1	626						1	1	1							
	17	LDC	Consumer	Appliance Retirement	Horizon U Residential	EE		2014	Dx	n/a	Appliance	8	1	1	2,525						1	1	1							
	18	LDC	Consumer	Appliance Retirement	Horizon U Residential	EE		2014	Dx	n/a	Appliance	203	14	14	102,437						14	14	14	14						
	19	LDC	Consumer	Appliance Retirement	Horizon U Residential	EE		2014	Dx	n/a	Appliance	386	23	23	157,732						23	23	23	23						
	20	LDC	Consumer	Bi-Annual Retailer Event	Horizon U Residential	EE		2014	Dx	n/a	Custom I/O measures	195,058	325	325	4,968,775						325	284	262	262	262	262	262	262	262	
	21	LDC	Consumer	Conservation Instant Coupon Booklet	Horizon U Residential	EE		2013	Dx	n/a	Custom I/O measures	42	0	0	953				0	0	0	0	0	0	0	0	0	0	0	
	22	LDC	Consumer	Conservation Instant Coupon Booklet	Horizon U Residential	EE		2014	Dx	n/a	Custom I/O measures	42,295	86	86	1,153,159						86	81	79	79	79	79	79	79	79	
	23	LDC	Home Assist	Home Assistance Program	Horizon U Residential	EE		2012	Dx	n/a	Homes	12	1	1	26,031			1	1	1	1	1	1	1	1	1	0	0		
	24	LDC	Home Assist	Home Assistance Program	Horizon U Residential	EE		2013	Dx	n/a	Homes	206	199	199	1,418,207				200	200	199	198	197	197	197	197	192	192		
	25	LDC	Home Assist	Home Assistance Program	Horizon U Residential	EE		2014	Dx	n/a	Homes	3,538	713	713	8,689,063					717	713	696	689	683	683	680	680	612		
	26	LDC	Consumer	HVAC Incentives	Horizon U Residential	DR		2013	Dx	n/a	Blended Equipment	255	55	55	190,430				55	55	55	55	55	55	55	55	55	55	55	
	27	LDC	Consumer	HVAC Incentives	Horizon U Residential	EE		2012	Dx	n/a	Equipment	8	2	2	9,352						2	2	2	2	2	2	2	2		
	28	LDC	Consumer	HVAC Incentives	Horizon U Residential	EE		2014	Dx	n/a	Equipment	5,772	1,109	1,109	2,035,619						1,109	1,109	1,109	1,109	1,109	1,109	1,109	1,109	1,109	
	29	LDC	Other	Time-of-Use Savings	Horizon U Other	DR		2014	Dx	n/a	n/a		1	2487																
	30	LDC	Pre-2011 Projects	High Performance New Construction	Horizon U Commercial	EE		2012	Dx	n/a	a	1	296	296	7,918,181			296	296	296	296	296	296	296	296	296	296	296	296	
	31	non-Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2007	Dx	n/a	Devices	73									41									
	32	non-Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2008	Dx	n/a	Devices	2									1									
	33	non-Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2009	Dx	n/a	Devices	12									7									
	34	non-Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2006	Dx	n/a	Devices	575									204									
	35	non-Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2007	Dx	n/a	Devices	951									339									
	36	non-Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2008	Dx	n/a	Devices	1,336									475									
	37	non-Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2009	Dx	n/a	Devices	1,785									636									
	38	non-Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2010	Dx	n/a	Devices	1,143									406									
	39	non-Tier 1	Industrial	Demand Response 3	Horizon U Industrial	DR		2014	Dx	n/a	Facilities	2								2,738										
	40	Tier 1	Business	Demand Response 3	Horizon U Commercial	DR		2014	Dx	n/a	Facilities	5								595										
	41	Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2007	Dx	n/a	Devices	2									1									
	42	Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2009	Dx	n/a	Devices	3									2									
	43	Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2011	Dx	n/a	Devices	2									1									
	44	Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2012	Dx	n/a	Devices	12									7									
	45	Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2013	Dx	n/a	Devices	2									1									
	46	Tier 1	Business	Commercial Demand Response	Horizon U Commercial	DR		2014	Dx	n/a	Devices	1									1									
	47	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2006	Dx	n/a	Devices	149									53									
	48	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2007	Dx	n/a	Devices	437									155									
	49	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2008	Dx	n/a	Devices	900									320									
	50	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2009	Dx	n/a	Devices	1,474									525									
	51	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2010	Dx	n/a	Devices	1,085									386									
	52	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2011	Dx	n/a	Devices	1,888									672									
	53	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2012	Dx	n/a	Devices	1,572									558									
	54	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2013	Dx	n/a	Devices	2,174									771									
	55	Tier 1	Consumer	Residential Demand Response	Horizon U Residential	DR		2014	Dx	n/a	Devices	2,860									1,016									
	56	Tier 1	Industrial	Demand Response 3	Horizon U Industrial	DR		2014	Dx	n/a	Facilities	11								17,093										
	57	Tier 1	Industrial	Energy Managers	Horizon U Industrial	EE		2012	Dx	n/a	a	1	6	6	13,208			7	6	6	6	6	6	7	7	7	7	2		
	58	Tier 1	Industrial	Energy Managers	Horizon U Industrial	EE		2013	Dx	n/a	a	3	(15)	(15)	(255,205)					(15)	(15)	(15)	(9)	3	3	3	3	3		
	59	Tier 1	Industrial	Energy Managers	Horizon U Industrial	EE		2014	Dx	n/a	a	9	41	41	1,056,692					41	41	41	41	41	41	41	41	41		







Supporti  
2015 LDC Persistence

Legend	
	User Inputs (Green)
	Instructions (Grey)

**Table 7-e. 2015 Persisting Savings**

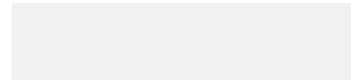
Go to Tab 5.

1. LDCs are requested to paste a copy of the 2015 "LDC CDM Program Results Persistence Report" in the space below as it relates to the calculation of LRAMVA.
2. Please ensure that verified adjustments to 2015 programs that become available in future evaluation audits are included in the 2015 form below.

[illegible]

# ing Documentation:

## nce Savings Results from IESO



Activity / Participation (i.e. # of appliances)	Gross Summer Peak Demand Savings (kW)	Gross Energy Savings (kWh)		Net Verified Annual Peak Demand Savings at the End-User Level (kW)																	
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
								38	37	37	37	37	37	37	37	37	37	32	32	32	32
								102	99	99	99	99	99	99	99	99	99	74	64	64	64
								13	13	13	13	7	0	0	0	0	0	0	0	0	0
								783	783	783	783	783	783	783	783	783	783	783	783	783	783
								62	62	62	62	62	62	62	62	62	62	62	62	62	62
								106	106	106	106	0	0	0	0	0	0	0	0	0	0
								2,370	2,370	2,330	2,330	2,330	2,324	2,246	2,246	2,190	1,936	1,245	1,194	970	795
								1,178	1,019	734	733	733	733	733	733	733	733	720	223	0	0
								39	39	39	39	39	39	39	39	39	39	39	39	39	39
								250	250	250	0	0	0	0	0	0	0	0	0	0	0
								3,348	3,348	3,348	3,348	3,348	3,348	3,348	3,348	3,348	3,348	157	157	157	157
								116	116	116	116	116	103	103	103	100	92	65	12	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								20	17	17	16	16	16	16	16	12	12	11	11	11	11
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								505	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								252	250	250	250	250	250	250	249	249	249	224	224	224	223
								837	837	837	837	837	837	837	837	837	837	837	837	837	837
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0	0	0
								260	260	260	260	260	260	245	245	243	195	75	72	44	44



													Net Verified Annual Energy Savings at the End-User Level (kWh)									
2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040		2011	2012	2013	2014	2015	2016	2017	2018	2019	
32	32	13	13	13	13	0	0	0	0	0	0	585,232	580,190	580,190	580,190	580,190	580,190	580,190	580,190	580,190		
64	64	43	43	43	43	0	0	0	0	0	0	1,375,807	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446	1,328,446		
0	0	0	0	0	0	0	0	0	0	0	0	86,849	86,849	86,849	86,432	86,432	86,432	86,432	47,616	47,616		
783	783	783	783	696	0	0	0	0	0	0	0	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035		
62	62	62	62	62	62	57	57	57	0	0	0	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469		
0	0	0	0	0	0	0	0	0	0	0	0	499,499	499,499	499,499	499,499	499,499	499,499	499,499	499,499	0		
795	624	336	336	336	336	0	0	0	0	0	0	25,824,643	25,824,643	25,697,363	25,696,945	25,696,945	25,696,945	25,696,945	25,696,945	25,696,945		
0	0	0	0	0	0	0	0	0	0	0	0	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		
32	0	0	0	0	0	0	0	0	0	0	0	58,323	58,323	58,323	58,323	58,323	58,323	58,323	58,323	58,323		
0	0	0	0	0	0	0	0	0	0	0	0	596,676	596,676	596,676	596,676	596,676	596,676	596,676	596,676	0		
157	0	0	0	0	0	0	0	0	0	0	0	29,092,220	29,092,220	29,092,220	29,092,220	29,092,220	29,092,220	29,092,220	29,092,220	29,092,220		
0	0	0	0	0	0	0	0	0	0	0	0	1,382,502	1,382,502	1,382,502	1,382,502	1,382,502	1,382,502	1,382,502	1,382,502	1,358,635		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	2	2	2	2	2	1	0	0	0	0	0	237,547	185,413	176,726	169,475	169,475	169,475	169,475	169,475	169,475		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	2,978,654	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923		
223	222	61	61	61	61	0	0	0	0	0	0	3,913,143	3,879,729	3,879,729	3,879,729	3,879,729	3,879,729	3,879,729	3,879,729	3,879,729		
837	837	837	837	752	0	0	0	0	0	0	0	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
44	37	31	31	31	31	0	0	0	0	0	0	1,883,044	1,883,044	1,882,176	1,882,176	1,882,176	1,882,176	1,882,176	1,882,176	1,882,176		

2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
580,190	580,190	580,033	580,033	580,033	518,769	516,204	516,204	515,276	515,276	515,003	202,745	202,745	202,745	202,745	0	0	0	0	0	0
1,328,446	1,328,446	1,328,446	1,328,446	1,328,446	1,178,266	1,018,592	1,018,592	1,018,592	1,018,592	1,018,592	686,140	686,140	686,140	686,140	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,477,035	1,399,353	0	0	0	0	0	0	0
219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	219,469	143,902	143,902	143,902	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25,676,804	25,138,822	25,138,822	24,860,563	23,036,754	18,023,880	17,534,117	4,990,062	4,433,065	4,433,065	3,096,171	972,236	972,236	972,236	972,236	0	0	0	0	0	0
3,146,287	3,146,287	3,146,287	3,146,287	3,146,287	3,000,236	829,290	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58,323	58,323	58,323	58,323	58,323	58,323	58,323	58,323	58,323	29,414	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29,092,220	29,092,220	29,092,220	29,092,220	29,092,220	1,377,500	1,377,500	1,377,500	1,377,500	1,377,500	0	0	0	0	0	0	0	0	0	0	0
1,320,160	1,320,160	1,312,773	1,299,574	528,341	442,298	80,814	2,948	2,948	2,948	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169,475	166,931	166,831	86,294	85,862	81,001	80,388	79,825	79,825	8,230	8,134	8,134	8,134	8,134	8,134	4,649	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923	417,923	0	0	0	0	0	0	0	0	0	0	0
3,879,729	3,879,729	3,877,505	3,877,505	3,877,505	3,636,835	3,616,432	3,616,432	3,540,890	3,540,890	3,532,881	975,158	975,158	975,158	975,158	0	0	0	0	0	0
1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,587,453	1,511,512	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,882,176	1,786,538	1,786,538	1,755,270	1,432,240	564,489	485,719	149,063	149,063	149,063	94,214	75,233	75,233	75,233	75,233	0	0	0	0	0	0





#	Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year								
								2015	2016	2017	2018	2019	2020	2021	2022
1			Save on Energy Coupon Program				2015 Adjustment	25	25	25	25	25	25	25	25
2			Save on Energy Heating & Cooling Program				2015 Adjustment	90	90	90	90	90	90	90	90
3			Save on Energy New Construction Program				2015 Adjustment	-	-	-	-	-	-	-	-
4			Save on Energy Home Assistance Program				2015 Adjustment	-	-	-	-	-	-	-	-
5			Save on Energy Audit Funding Program				2015 Adjustment	16	16	16	16	16	16	16	16
6			Save on Energy Retrofit Program				2015 Adjustment	475	432	424	424	424	424	402	402
7			Coupon Initiative				2015 Adjustment								
8			Bi-Annual Retailer Event Initiative				2015 Adjustment								
9			HVAC Incentives Initiative				2015 Adjustment	20	20	20	20	20	20	20	20
10			Residential New Construction and Major Renovati				2015 Adjustment	42	42	42	42	42	42	42	42
11			Energy Audit Initiative				2015 Adjustment	72	72	72	72	188	188	188	188
12			Efficiency: Equipment Replacement Incentive Initi				2015 Adjustment	139	139	139	130	130	130	127	127
13			Direct Install Lighting and Water Heating Initiative				2015 Adjustment	-	-	-	-	-	-	-	-
14			New Construction and Major Renovation Initiative				2015 Adjustment	364	364	364	364	364	364	364	364
15			Existing Building Commissioning Incentive Initiati				2015 Adjustment	-	-	-	-	-	-	-	-
16			Process and Systems Upgrades Initiatives - Project				2015 Adjustment	-	-	-	-	-	-	-	-
17			Process and Systems Upgrades Initiatives - Energy				2015 Adjustment	-	-	-	-	-	-	-	-
18			Process and Systems Upgrades Initiatives - Monitc				2015 Adjustment	-	-	-	-	-	-	-	-
19			Low Income Initiative				2015 Adjustment	2	2	2	2	2	2	2	2
20			Save on Energy Coupon Program				2016		1,031	1,031	1,031	1,031	1,031	1,031	1,031
21			Save on Energy Heating & Cooling Program				2016		1,138	1,138	1,138	1,138	1,138	1,138	1,138
22			Save on Energy New Construction Program				2016		4	4	4	4	4	4	4
23			Save on Energy Home Assistance Program				2016		58	58	58	58	58	57	57
24			Save on Energy Audit Funding Program				2016		21	21	21	21	21	21	21
25			Save on Energy Retrofit Program				2016		3,341	3,203	3,203	3,203	3,203	3,185	3,185
26			Save on Energy Small Business Lighting Program				2016		12	12	12	11	11	10	9
27			Save on Energy High Performance New Constructi				2016		64	64	64	64	64	64	64
28			Home Depot Home Appliance Market Uplift Conse				2016								

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
25	25	22	22	22	22	22	22	11	11	11	11	-	-	-	-	-
90	90	90	90	90	90	90	90	90	90	83	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	16	16	16	16	11	-	-	-	-	-	-	-	-	-	-	-
398	328	98	67	44	44	44	28	3	3	3	3	-	-	-	-	-
20	20	20	20	20	20	20	20	20	20	18	-	-	-	-	-	-
42	42	42	42	42	42	42	42	10	10	10	10	9	9	9	-	-
188	188	188	188	188	131	-	-	-	-	-	-	-	-	-	-	-
127	113	100	100	67	67	67	51	4	4	4	4	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
364	364	364	364	364	364	158	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-
1,031	1,031	1,027	984	984	984	983	853	853	368	-	-	-	-	-	-	-
1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,018	-	-	-	-	-
4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-
57	57	45	44	44	43	43	43	43	43	43	43	43	-	-	-	-
21	21	21	5	-	-	-	-	-	-	-	-	-	-	-	-	-
3,185	3,172	3,172	3,142	2,190	605	605	324	113	113	113	113	113	-	-	-	-
8	7	6	4	3	1	1	1	1	-	-	-	-	-	-	-	-
64	64	64	64	64	64	64	64	23	-	-	-	-	-	-	-	-

2040	Net Verified Annual Energy Savings at the End-User Level (kWh)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
-					388,248	382,738	382,738	382,738	382,738	382,738	382,738
-					172,830	172,830	172,830	172,830	172,830	172,830	172,830
-					-	-	-	-	-	-	-
-					-	-	-	-	-	-	-
-					76,159	76,159	76,159	76,159	76,159	76,159	76,159
-					3,004,373	2,867,197	2,840,727	2,840,727	2,840,727	2,840,727	2,695,898
-					3,141	3,081	3,081	3,081	3,081	3,081	3,081
-					-	-	-	-	-	-	-
-					37,584	37,584	37,584	37,584	37,584	37,584	37,584
-					807,475	807,475	807,475	807,475	807,475	807,475	807,475
-					338,247	338,247	338,247	338,247	837,746	837,746	837,746
-					679,088	679,088	679,088	650,499	650,499	650,499	623,767
-					-	-	-	-	-	-	-
-					878,463	878,463	878,463	878,463	878,463	878,463	878,463
-					-	-	-	-	-	-	-
-					-	-	-	-	-	-	-
-					-	-	-	-	-	-	-
-					-	-	-	-	-	-	-
-					21,591	17,590	16,949	16,308	16,308	16,308	15,788
-						15,788,572	15,788,572	15,788,572	15,788,572	15,788,572	15,788,572
-						3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500
-						18,591	18,591	18,591	18,591	18,591	18,591
-						747,287	747,287	747,287	747,287	747,287	745,739
-						157,712	157,712	157,712	157,712	157,712	157,712
-						24,740,964	23,977,370	23,977,370	23,977,370	23,977,370	23,855,235
-						65,908	65,908	62,249	56,749	53,584	44,903
-						339,878	339,878	339,878	339,878	339,878	339,878
-						2,781	2,781	2,781	2,781	2,781	2,781

2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
382,396	382,396	382,396	357,819	357,256	357,256	355,162	355,162	354,426	181,989	181,989
172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830	172,830
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
76,159	76,159	76,159	76,159	76,159	76,159	53,311	-	-	-	-
2,695,898	2,681,930	2,223,924	853,115	740,441	517,391	517,391	517,391	342,200	1,553	1,553
3,064	3,064	3,064	3,103	3,103	3,103	3,066	3,066	3,064	-	-
-	-	-	-	-	-	-	-	-	-	-
37,584	37,584	37,584	37,584	37,584	37,584	37,584	37,584	37,584	37,584	37,584
807,475	807,475	807,475	807,475	807,475	807,475	807,475	807,475	807,475	204,021	204,021
837,746	837,746	837,746	837,746	837,746	837,746	586,422	-	-	-	-
623,767	623,767	510,518	399,681	399,681	204,589	204,589	204,589	155,734	11,858	11,858
-	-	-	-	-	-	-	-	-	-	-
878,463	878,463	878,463	878,463	878,463	878,463	878,463	381,173	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
15,788	9,881	9,881	9,408	9,408	9,408	9,408	1,917	1,917	1,917	1,917
15,788,572	15,786,158	15,786,158	15,715,829	15,495,884	15,486,648	15,486,648	15,404,325	13,341,553	13,341,553	5,859,918
3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500	3,798,500
18,591	18,591	18,591	18,591	17,929	17,929	17,929	17,929	17,929	5,463	-
745,739	745,739	745,739	656,028	636,258	636,258	630,946	630,946	630,946	630,946	630,946
157,712	157,712	157,712	157,712	38,937	-	-	-	-	-	-
23,855,235	23,855,235	23,799,097	23,799,097	23,572,348	17,818,087	4,351,452	4,351,452	1,486,326	96,302	96,302
42,087	33,654	27,309	22,379	13,657	9,898	5,288	3,846	3,846	3,846	-
339,878	339,878	339,878	339,878	339,878	339,878	339,878	339,878	339,878	122,121	-
2,781	2,781	2,781	2,781	2,781	2,781	2,781	2,781	1,738	1,738	1,738

2033	2034	2035	2036	2037	2038	2039	2040
181,989	181,989	-	-	-	-	-	-
166,478	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,553	1,553	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
35,925	-	-	-	-	-	-	-
204,021	204,021	192,325	192,325	192,325	-	-	-
-	-	-	-	-	-	-	-
11,858	11,858	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,917	1,917	1,917	-	-	-	-	-
-	-	-	-	-	-	-	-
3,798,500	3,691,334	-	-	-	-	-	-
-	-	-	-	-	-	-	-
630,946	630,946	630,946	-	-	-	-	-
-	-	-	-	-	-	-	-
96,302	96,302	96,302	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,738	-	-	-	-	-	-	-

### Energy savings attributed to street lighting project in IESO results

Year	Gross	NTG	Net
2015	12,983,154	78%	10,067,645

### Peak Demand Savings attributed to LED Street Lighting Project

Month	Billed kW	SL billed kW prior LED SL Project	Gross kW Reduction	NTG Ratio	Net kW Reduction
Jan-15	6,602.14				
Feb-15	6,594.32				
Mar-15	6,573.63				
Apr-15	6,538.58				
May-15	6,198.97				
Jun-15	5,930.84				
Jul-15	5,691.54				
Aug-15	5,466.39				
Sep-15	5,003.90				
Oct-15	4,966.22				
Nov-15	4,969.82				
Dec-15	4,951.74				
<b>2015 total</b>	<b>69,488.09</b>	<b>80,726</b>	<b>11,237.91</b>	<b>78%</b>	<b>8,714.31</b>