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APPLICATION

2	IN THE MATTER OF t	the Ontario Energy Board Act, 1998,
3	being Schedule B to	the Energy Competition Act, 1998,
4	S.O. 1998, c.15;	
5	AND IN THE MATTI	TER OF an Application by Guelph
6	Hydro Electric System	ns Inc. to the Ontario Energy Board
7	for an Order or Ord	ders approving or fixing just and
8	reasonable rates and	nd other service charges for the
9	distribution of electricity	ty as of January 1, 2018.
10	Title of Proceeding:	An application by Guelph
11	Hydro Electric Syste	ems Inc. for an Order or Orders
12	approving or fixing jus	st and reasonable distribution rates
13	and other charges, effe	ective January 1, 2018.
14	APPLICANT'S NAME: Gu	uelph Hydro Electric Systems Inc.
15	CONTACT INFORMATION:	
16	Applicant's Address for Service: 39	95 Southgate Drive
17		uelph, Ontario
18	N I	1G 4Y1
19	Primary Contact for Electricity Distrib	bution Licence:
20	,	irect Line: 519-837-4707
21 22		irect Fax: 519-836-1055 mail: PSardana@GuelphHydro.com
22	Li	inali. <u>i Sardana e Odelphi Tydro.com</u>
23	Primary Contact for the Application:	
24	Cristina Birceanu	Direct Line: 519-837-4735
25	Vice President of Regulatory Affairs,	•
26	Customer Care and Billing	Email: <u>CBirceanu@GuelphHydro.com</u>

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1 2 3 4 5	Applicant's Counsel & Consultar	nt's Counsel & Consultant: Suite 4100 40 King Street West Toronto ON M5H 3Y4	
6 7 8 9	John Vellone, Partner	Telephone: Fax: Email:	(416) 367-6730 (416) 361-2758 <u>JVellone@blg.com</u>
10 11 12 13 14	Bruce Bacon, Consultant	Telephone: Fax: E-mail	(416) 367-6087 (416) 361-7366 <u>bbacon@blg.com</u>

1. Introduction

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2	Guelph Hydro Electric Systems Inc. (Guelph Hydro) hereby applies to the Ontario
3	Energy Board (the Board) for approval of 2018 Distribution Rate Adjustments,
4	based on Chapter 3 of the Filing Requirements for Electricity Distribution Rate
5	Applications (EDR) last revised on July 20, 2017.
6	Guelph Hydro is applying for annual rate adjustments under the parameters set
7	out in the Board's 4 th Generation IRM.
8	Guelph Hydro has used the Board's 2018 IRM Rate Generator model, Global
9	Adjustment Analysis work form, and the generic LRAMVA work form in the
10	preparation of this filing, and it confirms the accuracy of the 2016 billing
11	determinants and Trial Balance for the prepopulated models. Guelph Hydro has
12	filed its 2016 Board-approved Settlement Agreement as Appendix 4 and
13	Revenue Requirement Work Form (in PDF and Excel version) as Appendix 6 of
14	this application.

Relief Sought

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- Guelph Hydro applies for an Order or Orders approving the proposed distribution rates and other charges set out in Section 3.1 to this Application as just and reasonable rates and charges pursuant to Section 78 of the Board Act, to be effective January 1, 2018; and
- In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of January 1, 2018, Guelph Hydro requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the implementation date of the approved 2018 distribution rates.

- In the event that the effective date does not coincide with the Board's implementation date for 2018 distribution rates and charges, Guelph Hydro requests permission to recover the incremental revenue from the effective date to the implementation date.
- Guelph Hydro confirms that it transitioned to International Financial Reporting Standards (IFRS) on January 1, 2011, and it filed a 2016 Cost of Service (COS) application on the basis of Modified International Financial Reporting Standards (MIFRS) on April 24, 2016, file number EB-2015-0073. The actual 2017 distribution rates reflect the Board's Decision and Order issued on November 26, 2015 respecting Guelph Hydro's 2016 Cost of Service application and subsequently, the Board's Decision and Order issued on December 8, 2016 on Guelph Hydro's 2017 IRM application, file number EB-2016-0075 (please see Appendix 2 Current Tariff of Rates and Charges EB-2016-0075 Rate Order).

Form of Hearing Requested

 The Applicant requests that this Application be disposed of by way of a written hearing.

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Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Page 5 of 80 Filed: August 11, 2017

- 1 DATED at Guelph, Ontario, this 11th day of August, 2017.
- 2 All of which is respectfully submitted,
- 3 GUELPH HYDRO ELECTRIC SYSTEMS INC.
- 4 Pankaj Sardana

5

7

Chief Executive Officer

6

Cristina Birceanu

Vice President of Regulatory Affairs,

Customer Care and Billing

1.1 Certification of Evidence

2	As Chief Executive Officer of Guelph Hydro Electric Systems Inc., I certify that
3	the evidence filed in Guelph Hydro's 2018 IRM application is accurate, consistent
4	and complete to the best of my knowledge or belief. The filing is consistent with
5	the requirements from Chapter 3 of the Filing Requirements for Transmission
6	and Distribution Rate Applications revised on July 20, 2017.

Pankaj Sardana

8 Miralino

Chief Executive Officer

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1.2 Requested Rate Adjustments

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- The 2018 rate adjustments include:
 - A Price Cap Adjustment in accordance with the parameters of the 4th Generation Incentive Regulation for Ontario's Electricity Distributors. As part of the supplemental report on the Renewed Regulatory Framework for Electricity Distributors (RRFE), the Board will establish the final inflation factor, productivity factor and stretch factor to apply to distributors for the 2018 rate year. The Rate Generator model includes rate-setting parameters from the 2017 rate year as a placeholder; Guelph Hydro acknowledges that Board staff will update the Rate Generator model once the supplemental report on RRFE is issued. Guelph Hydro received approval to shift the rate design for residential customers towards fully-fixed rates in 2016 (EB-2015-0073), and is applying for the third year of transition to fully-fixed distribution rates for the residential class (please see Tab 16 of the 2018 Rate Generator model presented in Excel version as Appendix 1 of this Application).
 - An adjustment of Retail Transmission Service Rates (RTSR) in accordance with Board Guidelines G-2008-001: Electricity Distribution Retail Transmission Service Rates, last revised June 28, 2012 and subsequent updates to the Uniform Transmission Rates ("UTRS"). Guelph Hydro is a partial embedded distributor in relation to Hydro One for distribution services in the Village of Rockwood; therefore, Guelph Hydro is charged by Hydro One for Transmission Connection and Transmission Network services.
 - A Rate Rider for Disposition of Deferral and Variance Accounts (excluding 1568 LRAMVA) effective until December 31, 2018. Guelph Hydro is seeking the Board's approval for a one-year disposition period.

- A Rate Rider for Global Adjustment disposition applicable only for Non-RPP Class B customers effective until December 31, 2018 (one-year disposition). In addition, Guelph Hydro is seeking approval of 12 equal monthly payments for the contribution of four former Class B customers to the Global Adjustment balance.
- A Rate Rider for Capacity Based Recovery (CBR) disposition applicable only for Class B customers effective until December 31, 2018 (one-year disposition). In addition, Guelph Hydro is seeking approval of 12 equal monthly payments for the contribution of four Class A transition customers to the CBR balance.
- A Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAMVA) Variance Account effective until December 31, 2018. In its 2016 COS application, file number EB-2015-0073, Guelph Hydro received approval for and disposed the 2013 LRAMVA balances. Subsequently, in its 2017 IRM Application, Guelph Hydro received approval for and disposed the 2015 LRAMVA balances. Guelph Hydro is seeking approval to dispose the 2016 LRAMVA balances as presented in section 3.8 of this Application.

1.3 Statement of publication of applicant's notice

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The persons affected by this Application are the ratepayers of Guelph Hydro's distribution business. Guelph Hydro is proposing that notices related to this Application appear in the Guelph Tribune publication. Guelph Tribune is an unpaid publication distributed each Tuesday and Thursday with an average circulation of approximately 44,000 to 44,600 each day.

(source: http://www.newspaperscanada.ca/about-newspapers/circulation)

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Page 9 of 80 Filed: August 11, 2017

1	The Internet address for application view	wing purposes is Guelph Hydro's website
2	www.guelphhydro.com Newsroom section	on and the primary contact is
3 4 5	Cristina Birceanu Vice President of Regulatory Affairs, Customer Care and Billing	Direct Line: 519-837-4735 Direct Fax: 519-836-6115 Email: CBirceanu@GuelphHydro.com

2. **Distributor Profile Summary**

2	Guelph Hydro is a licensed distributor with approximately 55,000 customers
3	servicing the City of Guelph and the Village of Rockwood.
4	Guelph Hydro owns, maintains and operates approximately 420 km of overhead
5	primary distribution feeders and 712 km of underground primary distribution
6	circuits in the City of Guelph and in the Village of Rockwood as well as 59-13.8
7	kV feeders and 4-8.32 kV feeders within its service territory.
8	Wholesale supply is provided by three (3) Hydro One Networks Inc. ("HONI")-
9	owned Transformer Stations (Hanlon, Cedar, and Campbell) and one (1) Guelph
10	Hydro-owned Transformer Station (Arlen MTS) in the City of Guelph. Cedar TS,
11	Hanlon TS and Arlen MTS step down 115 kV Transmission supply to 13.8 kV
12	while Campbell TS steps down 230 kV Transmission supply to 13.8 kV for
13	primary distribution feeders. In the Village of Rockwood, supply is provided by
14	two (2) Guelph Hydro-owned Municipal Substations (Rockwood MS1, Rockwood
15	MS2) and one (1) Hydro One Networks Incowned Distribution Station
16	(Rockwood DS). All three stations are supplied from 44 kV feeders originating
17	from Fergus TS and primary distribution is operated at 8.3 kV.
18	Guelph Hydro's customers are served by a total of 63 distribution feeders. The
19	feeders are supplied upstream by Hydro One sub-transmission and transmission
20	stations. The City of Guelph has 59 feeder circuits supplied by 4 transformer
21	stations.
22	Guelph Hydro is a partial embedded distributor in relation to Hydro One for
23	distribution services for the Village of Rockwood; therefore, Guelph Hydro is
24	charged by Hydro One for low voltage distribution services.

1 3. **Details of Guelph Hydro's Electricity Distribution Rate Application** 2 3.1 Schedule of Current and Proposed Rates and Charges – Bill Impact 3 Guelph Hydro has completed the 2018 Rate Generator model in accordance with 4 Board Staff's instructions and it confirms the accuracy of the 2017 Board-5 Approved Tariff of Rates and Charges, and the accuracy of the billing 6 determinants prepopulated in Tab 2 and, respectively, in Tab 4 of the model. 7 Guelph Hydro has a unique rate class, Standby Power Service for Load 8 Displacement Generation; the Standby Charge is based exclusively on the 9 applicable General Service above 50 kW distribution volumetric rates, and 10 therefore the LRAMVA, RTSR, Deferral and Variance, and Global Adjustment 11 rate riders will not apply to the generator's peak demand. 12 Guelph Hydro confirms that it has not diverged from the Board's rate generator 13 model concept. 14 **Current Tariff of Rates and Charges** 15 Guelph Hydro's current Tariff of Rates and Charges are presented in Appendix 2 16 Current Tariff of Rates and Charges - EB-2016-0075 – RATE ORDER.

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Proposed Rates and Charges

Guelph Hydro proposes the following Rates and Charges:

Effective and Implementation Date January 1, 2018

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

EB-2017-0044

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.91
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.18)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0050
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0023)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018	}	
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Component		
months in the contract of the component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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 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:

"Aboriginal 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 Ontario Energy 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 such other device as may be specified by the Ontario Energy Board;

"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 16 or over;

MONTHLY RATES AND CHARGES

but does not include account-holders in Class H.

OESP Credit

Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household but does not include account-holders in Class E. OESP Credit	d of three persons; d of five persons; and	(30.00)		
Class B				
(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 \$28,001 and \$39,000 living in a household of four persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons; but does not include account-holders in Class F. OESP Credit \$ (34.00)				
Class C				
(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 between \$28,001 and \$39,000 living in a household of five persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders in Class G. OESP Credit \$ (38.00)				
Class D (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 \$28,001 and \$39,000 living in a household income of between \$28,001 and \$39,000 living in a household income of between \$28,001 and \$39,000 living in a household income of between \$28,001 and \$39,000 living in a household income of \$28,000 are less living in a household income of \$28,000 are less living in a household of five persons (b) account-holders with a household income of \$28,000 are less living in a household of five persons (b) account-holders with a household income of \$28,000 are less living in a household of five persons (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household income of \$28,000 are less living in a household income of between \$28,001 and \$39,000 living in a household income of \$28,000 are less living in a household income of between \$28,001 and \$39,000 living in a household income of between \$28,001 are less living in a household income of between \$28,001 are less living in a household income of between \$28,001 are less living in a household income of \$28,001 are less living in a household income of between \$28,001 are less living in a household income of \$28,001 are less living in a household income of between \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income of \$28,001 are less living in a household income				

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Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Page 14 of 80 Filed: August 11, 2017

Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0044

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:
- 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 household is an Aboriginal person; or
- 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 \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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)

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	16.86
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.50)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0141
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
effective until December 31, 2018 Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	(0.0022) (0.0001) 0.0065 0.0050 0.0032 0.0004 0.0003

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Page 16 of 80 Filed: August 11, 2017

Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

The rate rider for the disposition of Class B WMS - Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

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.

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0044 **MONTHLY RATES AND CHARGES - Delivery Component** \$ 182.74 Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025 S (3.80)Distribution Volumetric Rate \$/kW 2.7841 Low Voltage Service Rate \$/kW 0.0121 Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers \$/kWh 0.0045 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -0.0642 effective until December 31, 2018 \$/kW Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 Applicable only for Non-Wholesale Market Participants \$/kW (0.5958)Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 \$/kW (0.2077)Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers \$/kWh (0.0183)Retail Transmission Rate - Network Service Rate \$/kW 2.7118 Retail Transmission Rate - Network Service Rate - Interval Metered \$/kW 2.8128 Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kW 2.1132 Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered \$/kW 2.1925 **MONTHLY RATES AND CHARGES - Regulatory Component** Wholesale Market Service Rate (WMS) - not including CBR \$/kWh 0.0032 Capacity Based Recovery (CBR) - Applicable for Class B Customers \$/kWh 0.0004 Rural or Remote Electricity Rate Protection Charge (RRRP) \$/kWh 0.0003 Standard Supply Service - Administrative Charge (if applicable) \$ 0.25

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Page 18 of 80 Filed: August 11, 2017

Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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

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

APPLICATION

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

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The rate rider for the disposition of Class B WMS - Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

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.

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
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		EB-2017-0044
MONTHLY RATES AND CHARGES - Delivery Component		
Service Charge	\$	578.06
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(46.33)
Distribution Volumetric Rate	\$/kW	3.0908
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	0.0811
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0955)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0244)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8128
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1925
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
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EB-2017-0044

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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	\$	1,111.25
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(151.18)
Distribution Volumetric Rate	\$/kW	2.7768
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	0.6189
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.9653)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.3968
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6474
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
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EB-2017-0044

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

\$	4.94
\$	(0.05)
\$/kWh	0.0225
\$/kWh	0.0045
\$/kWh	(0.0022)
\$/kWh	(0.0001)
\$/kWh	0.0065
\$/kWh	0.0050
\$/kWh	0.0032
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Page 22 of 80 Filed: August 11, 2017

Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018
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EB-2017-0044

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 - APPROVED ON AN INTERIM BASIS

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

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.63
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.4468
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0821)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0179)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0762
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6180
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.44
3 (1		
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.3560
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	(0.8432)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.7759)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0180)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4982
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9469
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
otalidate ouppiy dervice - Administrative oriarge (ii applicable)	Ψ	0.23

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Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$ 5.40

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EB-2017-0044

ALLOWANCES

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

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.

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Customer	Admin	ietrati∧n

Arrears certificate	\$	15.00
Returned Cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit service charge for paperless bill	\$	(10.00)
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	9.00
Disconnect/Reconnect at Meter - during regular hours	\$	20.00
Disconnect/Reconnect at Meter - after regular hours	\$	50.00
Disconnect/Reconnect at Pole - during regular hours	\$	50.00
Disconnect/Reconnect at Pole - after regular hours	\$	95.00
Other		
Service call - customer owned equipment	\$	17.50
Service call - after regular hours	\$	95.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35
Overhead bond connection - per connection	\$	105.00
Underground bond connection - per connection	\$	100.00

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
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EB-2017-0044

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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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
		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	1.0260
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor - Primary Metered Customer > 5,000 kW	1 0036

- Guelph Hydro has calculated and presented below the bill impact per customer class, 1
- including a typical residential customer consuming 750 kWh as per the Report of the 2
- Board Defining Ontario's Typical Residential Customer: 3

Table 1 – 2018 Bill Impacts

2018 Total Bill Impact Summary

	kWh	215	750
Residential RPP	Bill Impact \$	\$ 3.06	\$ 1.41
	Bill Impact %	6.30%	1.29%

Loss Factor: 2.60%

General Service	kWh	2,000
Less than 50 kW	Bill Impact \$	\$ 4.65
RPP	Bill Impact %	1.76%

Loss Factor: 2.60%

	kWh	189,800
General Service	kW	500
50-999 kW	Bill Impact \$	\$ 1,492.68
	Bill Impact %	4.95%

Loss Factor: 2.60%

	kWh	489,100
General Service	kW	1,000
1,000-4,999 kW	Bill Impact \$	\$ 3,767.55
	Bill Impact %	4.97%

Loss Factor: 2.60%

	kWh	4,215,750		
	kW	7,500		
	Bill Impact \$	\$	9,979.06	
	Bill Impact %		1.56%	

Loss Factor: 0.36%

Scattered Load RPP	kWh	750
	Connections	15
	Bill Impact \$	\$ 3.50
	Bill Impact %	1.87%

Loss Factor: 2.60%

Sentinel Lighting RPP	kWh		140
	kW		2
	Connections		2
	Bill Impact \$	-\$	2.63
	Bill Impact %		-4.38%

Loss Factor: 2.60%

Street Lighting	kWh	800,000
	kW	2,200
	Connections	13,400
	Bill Impact \$	\$ 4,888.60
	Bill Impact %	3.25%

Loss Factor: 2.60%

Pecidential Non-PDD	kWh	750		
Residential Non-RPP Retailer	Bill Impact \$	\$ 5.67		
Netallel	Bill Impact %	4.02%		
Loss Factor:	2.60%			

kWh

750

General Service Less	kWh	2,000		
than 50 kW Non-	Bill Impact \$	\$ 16.08		
RPP Retailer	Bill Impact %	4.62%		

Loss Factor: 2,60%

Price Cap Adjustment 3.2

2	Annual Adjustment Mechanism								
3	In calculating 2018 rates, Guelph Hydro has appli	ed a Price Cap Adjustment of							
4	1.60% to its Base Distribution Rates, which is bas	ed on the rate-setting							
5	parameters provided by the Board's 2018 IRM Ra	te Generator model (Stretch							
6	Factor Group III). Guelph Hydro acknowledges that Board staff will update the								
7	Rate Generator with the final parameters which w	ill be established by the Board							
8	in the supplemental report on the RRFE. The follo	wing default values were used							
9	in the determination of the Price Cap Adjustment:								
	Price Cap Index								
	Price Escalator	1.90%							
	Less Productivity Factor	0.00%							
	Less Stretch Factor (Group III)	0.30%							
	Price Cap Index	1.60%							
10	The calculation of the price cap adjustment is pres	sented in Appendix 1 - 2018							
11	IRM Rate Generator, Tab 16.								
12	Application of the Annual Adjustment Mechanism								
13	The price cap index adjustment has not been app	lied to the following							
14	components of distribution rates:								
15	Rate Adders;								
16	Rate Riders;								
17	 Low Voltage Service Charges; 								
18	Retail Transmission Service Rates;								

1		Wholesale Market Service Rate;
2		Rural Rate Protection Charge;
3		Standard Supply Service – Administrative Charge;
4		Capacity Based Recovery;
5		MicroFIT Service Charge;
6		Specific Service Charges;
7		Transformation and Primary Metering Allowances; and
8		Smart Metering Entity Charge
9	3.3	Revenue to Cost Ratio Adjustment
10		The Board's Decision (EB-2015-0073) for Guelph Hydro's 2016 Cost of Service
11		Rate Application did not prescribe any phase-in period to adjust its revenue-to-
12		cost ratios.
13	3.4	Rate Design for Residential Electricity Customers
14		On April 2, 2015, the OEB released its Board Policy: A New Distribution Rate
15		Design for Residential Electricity Customers (EB-2014-0210), which stated that
16		electricity distributors will transition to a fully-fixed monthly distribution service
17		charge for residential customers. This will be implemented over a period of four
18		years, beginning in 2016.
19		Guelph Hydro's transition to a fully-fixed monthly service charge for the
20		residential class started on January 1, 2016.
21		In this Application, Guelph Hydro is seeking approval for the third year of
22		transition to continue implementing this policy effective January 1, 2018. In
23		proposing a transition to a fully-fixed monthly service charge, Guelph Hydro has

- followed the approach set out in Tab 16. Rev2Cost_GDPIP of the Rate
 Generator Model.
 - In order to support the initial transition to fully fixed distribution rates, the OEB designed two tests to determine when mitigation should be proposed a threshold test for the change in the fixed charge, and an overall bill impact test.
 - 1. Threshold test for change: when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility shall evaluate the total bill impact for a residential customer at the distributor's 10th consumption percentile. In Guelph Hydro's case, the 10th consumption percentile residential customer consumes 215 kWh of electricity per month (30 days). Ten percent of Guelph Hydro's residential customers consume 215 kWh or less in an average month, and 90% consume more than 215 kWh in an average month. Guelph Hydro came to this result by querying monthly consumption records for all residential bills issued each month in the 2016 calendar year, segmented by consumption threshold. On a cumulative basis, the quantity of accounts in each consumption threshold reaches the 10th percentile at 215 kWh per month, as shown in Table 2 below. The source data included all residential customers in the City of Guelph and the village of Rockwood.

Table 2 – 2016 Residential Accounts by Consumption Threshold

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Average Residential Monthly Consumption Threshold	Quantity of Accounts	Percent	Cumulative Number of Accounts	Cumulative %
0-100 kWh	1250	3%	1250	2.5%
>101-150 kWh	1265	3%	2515	5.1%
>151-200 kWh	1799	4%	4314	8.7%
>201-205 kWh	202	0%	4516	9.1%
>206-210 kWh	213	0%	4729	9.5%
>211-215 kWh	219	0%	4948	10.0%
>216-220 kWh	220	0%	5168	10.4%
>221-225 kWh	226	0%	5394	10.9%
>226-230 kWh	236	0%	5630	11.4%
>231-235 kWh	241	0%	5871	11.8%
>236-240 kWh	246	0%	6117	12.3%
>241-245 kWh	260	1%	6377	12.9%
>246-250 kWh	254	1%	6631	13.4%
>251-500 kWh	16,419	33%	20935	46.5%
>501-800 kWh	14,971	30%	35906	76.7%
>801-1,000 kWh	5,060	10%	40966	87.0%
>1,001-1,500 kWh	4,694	9%	45660	96.4%
>1,501-2,000 kWh	1,137	2%	46797	98.7%
>2,001 kWh	633	1%	47430	100.0%
Total	49545	100%		

Overall Bill Impact: the bill impact for 10th consumption percentile residential customer with 215 kWh monthly consumption is 6.30% or \$3.06. As the bill impact is below 10%, no mitigation plan is proposed.

Guelph Hydro presented in Table 3 below the Bill Impact for a residential customer with 215 kWh monthly consumption.

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<u>Table 3 – Bill Impact – Residential 10th consumption percentile</u>

		Current OF	B-Approved		Proposed			In	npact	
		Rate	Volume	Charge		Rate	Volume	Charge		
		(\$)		(\$)		(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	22.36	1	\$ 22.3				\$ 25.91		15.88%
Distribution Volumetric Rate	\$	0.0098	215				215			-48.98%
Fixed Rate Riders	\$	(0.18)	1	\$ (0.1	8) \$		1	\$ (0.18)	\$ -	0.00%
Volumetric Rate Riders	\$	0.0003	215			0.0003	215			4.52%
Sub-Total A (excluding pass through)				\$ 24.3				\$ 26.87		10.35%
Line Losses on Cost of Power	\$	0.0822	6	\$ 0.4	6 \$	0.0822	6	\$ 0.46	\$ -	0.00%
Total Deferral/Variance Account Rate	_e	0.0030	215	\$ (0.6	5) -\$	0.0023	215	\$ (0.49)	\$ 0.15	-23.33%
Riders	"			•	1			, ,		
CBR Class B Rate Riders	\$	0.0003		\$ 0.0			215	\$ (0.02)		-133.33%
GA Rate Riders	\$	-		\$ -	\$	-	215	\$ -	\$ -	
Low Voltage Service Charge	\$	-	215	\$ -			215	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)										
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$ 0.7	9 \$	0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders										
Additional Volumetric Rate Riders (Sheet 18)			215	\$ -	\$	-	215	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-				\$ 25.0	,			\$ 27.61	\$ 2.59	10.33%
Total A)				•				•	*	
RTSR - Network	\$	0.0057	221	\$ 1.2	6 \$	0.0071	221	\$ 1.57	\$ 0.31	24.56%
RTSR - Connection and/or Line and	s	0.0046	221	\$ 1.0	1 \$	0.0057	221	\$ 1.26	\$ 0.24	23.91%
Transformation Connection		0.00+0	221	Ψ 1.0		0.0001	221	Ψ 1.20	Ψ 0.2-1	20.0170
Sub-Total C - Delivery (including Sub-				\$ 27.2	9			\$ 30.43	\$ 3.14	11.49%
Total B)					_			* 000	v •	
Wholesale Market Service Charge	s	0.0036	221	\$ 0.7	9 \$	0.0036	221	\$ 0.79	\$ -	0.00%
(WMSC)	*	0.000		*	· •	0.0000		*	Ť	0.0070
Rural and Remote Rate Protection (RRRP)	s	0.0013	221	\$ 0.2	9 \$	0.0003	221	\$ 0.07	\$ (0.22)	-76.92%
	1.			*				,	, ,	
Standard Supply Service Charge	\$	0.25	1	\$ 0.2	5 \$	0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	_									
TOU - Off Peak	\$	0.0650		\$ 9.0			140	\$ 9.08		0.00%
TOU - Mid Peak	\$	0.0950	37	\$ 3.4			37	\$ 3.47	\$ -	0.00%
TOU - On Peak	\$	0.1320	39	\$ 5.1	1 \$	0.1320	39	\$ 5.11		0.00%
Total Bill on TOU (before Taxes)				\$ 46.2		,		\$ 49.20		6.30%
HST		13%		\$ 6.0		13%		\$ 6.40		6.30%
8% Rebate		8%		\$ (3.7		8%		\$ (3.94)		
Total Bill on TOU				\$ 48.6	0			\$ 51.66	\$ 3.06	6.30%

3.5 Shared Tax Savings Adjustment

In its Supplemental report of the Board on 3rd Generation Incentive Regulation issued on July 17, 2008, and in *Chapter 3 of the Board's Filing Requirements* (EDR) last revised July 20, 2017, the Board determined that a 50/50 sharing of the impact of currently known legislated tax changes, other than that related to the implementation of the Harmonized Sales Tax, as applied to the tax level reflected in the Board-approved base rates for a distributor, was appropriate.

Guelph Hydro has completed the Board's 2018 IRM Rate Generator Model (Tab 8. STS-Tax Change and Tab 9. Shared Tax-Rate Rider), and calculated annual tax changes to be allocated to customer rate classes on the basis of the 2016 Board-approved billing determinants and distribution rates (2016 COS file number EB-2015-0073). As there is no tax change from the 2016 year of cost of service, no rate rider has been generated (please see Table 4 below).

1 Table 4 – Summary of Tax Change Forecast Amounts (2017 Rate Generator, Tab 8)



Summary - Sharing of Tax Change Forecast Amounts

For the 2016 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)	199,000	
1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2016	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	151,391,730	\$ 151,391,730
Deduction from taxable capital up to \$15,000,000	\$ -	\$ -
Net Taxable Capital	\$ 151,391,730	\$ 151,391,730
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	\$ 2,671,866	\$ 2,671,866
Corporate Tax Rate	26.50%	26.50%
Tax Impact	\$ 509,044	\$ 509,044
Grossed-up Tax Amount	\$ 692,577	\$ 692,578
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 692,577	\$ 692,578
Total Tax Related Amounts	\$ 692,577	\$ 692,578
incremental Tax Savings		\$ 0
Sharing of Tax Amount (50%)		\$ 0

Adjustment of Retail Transmission Service Rates (RTSR) 3.6

2	Guelph Hydro is applying for an adjustment of its Retail Transmission Service
3	Rates based on a comparison of historical transmission costs adjusted for new
4	UTRs levels and revenues generated from existing RTSRs. This approach is
5	expected to minimize variances in USoA Accounts 1584 and 1586.
6	The proposed adjustments of the Retail Transmission Service Rates and a
7	detailed calculation are exhibited in Appendix 1 – 2018 IRM Rate Generator
8	Model (Tabs 10 to 15).
9	On an annual basis, the IESO invoices Guelph Hydro the gross load billing for
10	Transmission Line and Connection Service charges which apply to the
11	generation activities of Load Displacement Generation ("LDG") customers which
12	have installed capacity of 2 MW or more for renewable generation and 1 MW or
13	higher for non-renewable generation. Currently, Guelph Hydro has one Large
14	Use customer with an LDG with capacity of approximately 8 MW.
15	In April 2016, the IESO charged Guelph Hydro an amount of \$30,412.04 for 2015
16	transmission connection service (\$9,144.88 for Line Connection and \$21,267.16
17	for Transformation Connection).
18	Guelph Hydro included the supplemental charges in the 2018 IRM Rate
19	Generator model Tab 12 cells J22 and N22, respectively. The kW units were also
20	added to Tab 12 cells H22 and L22. There is a discrepancy in the Line and
21	Transformation Connection rates (cells I22 and M22) because the 2015 UTRs
22	were lower than 2016 UTRs.

Guelph Hydro presents below its preliminary RTSR for 2018:

Table 5 – 2018 Proposed RTSRs

Rate Class	Unit	2017 Actual RTSR Network	Proposed RTSR Network	Change %	2017 Actual RTSR Connection	Proposed RTSR Connection	Change %
Residential	kWh	\$ 0.0057	\$ 0.0071	19.77%	\$ 0.0046	\$ 0.0057	19.55%
General Service Less Than 50 kW	kWh	\$ 0.0052	\$ 0.0065	19.77%	\$ 0.0040	\$ 0.0050	19.55%
General Service 50 to 999 kW	kW	\$ 2.1758	\$ 2.7118	19.77%	\$ 1.7001	\$ 2.1132	19.55%
General Service 50 to 999 kW - Interval Metered	kW	\$ 2.2568	\$ 2.8128	19.77%	\$ 1.7639	\$ 2.1925	19.55%
General Service 1,000 to 4,999 kW	kW	\$ 2.2568	\$ 2.8128	19.77%	\$ 1.7639	\$ 2.1925	19.55%
Large Use	kW	\$ 2.7254	\$ 3.3968	19.77%	\$ 2.1299	\$ 2.6474	19.55%
Unmetered Scattered Load	kWh	\$ 0.0052	\$ 0.0065	19.77%	\$ 0.0040	\$ 0.0050	19.55%
Sentinel Lighting	kW	\$ 1.6659	\$ 2.0762	19.76%	\$ 1.3017	\$ 1.6180	19.55%
Street Lighting	kW	\$ 2.0044	\$ 2.4982	19.77%	\$ 1.5663	\$ 1.9469	19.55%

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The billing determinants used for determination of the RTSR rates are the most recent billing determinants reported for the 2016-year end (2.1.5 – Performance Based Regulation, section 2.1.5.4 – Demand & Revenue). The Loss Factor applied to the metered kWh is the actual Board- approved 2016 Loss Factor.

Guelph Hydro acknowledges that once any January 1, 2018 UTR adjustments
 are determined, Board staff will adjust the 2018 IRM Rate Generator model to
 reflect any changes in Hydro One's Sub-Transmission class RTSRs.

3.7 Group 1 Deferral and Variance Accounts

2	Guelph Hydro has completed Board Staff's 2018 IRM Rate Generator – Tab 3.
3	Continuity Schedule, and the Threshold Test shows a total claim per kWh of
4	(\$0.0002), which is below the approved threshold of \$0.001. Consistent with a
5	letter from the OEB on July 25, 2014, distributors may elect to dispose of Group
6	1 account balances below the threshold; Guelph Hydro has elected to dispose of
7	its deferral and variance account balances in this application. The total amount
8	requested for disposition is (\$360,344). This amount includes a 1589 – Global
9	Adjustment balance of \$3,364,977 and excludes a 1568- LRAM Variance
10	Account balance of \$634,132.
11	Guelph Hydro is proposing a rate rider recovery period of one-year.
12	Actual interest has been calculated based on the Board's prescribed rates.
13	Forecasted interest for the period January 1, 2017 to December 31, 2017 is
14	based upon the Board-prescribed rate for Q1 to Q3 2017 of 1.10%.
15	Guelph Hydro confirms the accuracy of the billing determinants used in Tab 4 of
16	the Rate Generator Model. A snapshot of the 2.1.5.4 Demand and Revenue
17	(Table 3a Total Metered Consumption by Detailed Rate Class and Table 4
18	Wholesale Market Participants) for 2016 submitted on April 28, 2017 is presented
19	below:

Table 6 – Snapshot of 2.1.5.4 - 2016 Demand Revenue

Table 3a Total Metered Consun

Total Metered Consumption (SSS + Retailer) by Detailed Rate Class

Metered consumption in kWhs and kW will auto-populate from Table 0 and Table 2b

The data populated in Table 3a will be used to further streamline the application process for formulaic adjustments to rates during an incentive rate-setting period.

Detailed Rate Class	Metered consumption in kWhs (a+c+e)	Metered consumption in kWs (b+d+f)
Residential	372,118,499.90	0.00
General Service Less Than 50 kW	138,048,218.40	0.00
General Services 50 to 999 kW	390,374,748.00	1,058,625.90
General Service 1,000 to 4,999 kW	537,008,520.20	1,052,467.10
Large Use	225,323,721.00	505,278.20
Sentinel Lighting	18,187.70	50.80
Street Lighting	10,194,768.80	28,336.80
Unmetered Scattered Load	1,915,482.00	0.00

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Table 4 Wholesale Market Participants

Please report Metered kWhs, Metered kWs and annual billings (\$) for wholesale market participants connected to the distributor's distribution system.

 Metered kWhs
 Metered kWs

 6,756,579.25
 11,865.08

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Deferral and Variance account balances match the Audited Financial Statements and the 2.1.7 RRR Trial Balances with the following exceptions explained below:

- 1. **1580 RSVA Wholesale Market Service Charge:** Account 1580 RSVA Wholesale Market Service Charge continuity on Tab 3 of the Rate Generator Model was input excluding the balances in the 1580 sub accounts for CBR Classes A and B, which now have their own segregated line items. As a result, the (\$5,279,729) total balance of Account 1580 as reported on the 2016 2.1.7 Trial Balance is different from the continuity balance by \$292,889 due to the segregation of this latter amount into the 1580 sub accounts for CBR Class A and B as of December 31, 2016.
- 1580 Variance WMS Sub-account CBR Class A: Account 1580
 Variance WMS Sub-account CBR Class A continuity on Tab 3 of the
 Rate Generator Model is different from the balances reported for 2.1.7
 RRR Trial Balance Sub-Accounts Tab as unbilled revenues pertaining to
 CBR Class A customers were grouped together with other unbilled

revenues in Account 1580 RSVA – Wholesale Market Service Charge. As such the unbilled revenues were not properly applied to the CBR Class A Sub-Account. The change has resulted in a \$10,010 variance listed in the continuity on Tab 3.

- 3. **1580 Variance WMS Sub-account CBR Class B:** Account 1580 Variance WMS Sub-account CBR Class B continuity on Tab 3 of the Rate Generator Model is different from the balances reported for 2.1.7 RRR Trial Balance Sub-Accounts Tab as unbilled revenues pertaining to CBR Class B customers were grouped together with other unbilled revenues in Account 1580 RSVA Wholesale Market Service Charge. As such the unbilled revenues were not properly applied to the CBR Class B Sub-Account. The change has resulted in a \$33,684 variance listed in the continuity on Tab 3.
- 4. 1588 RSVA Power: Account 1588 RSVA Power continuity on Tab 3 of the Rate Generator Model was input including an amount of (\$2,220,295) in the "Principal Adjustments during 2016" column reflecting a transfer of unbilled revenue opening balances from account 1589 RSVA Global Adjustment that were incorrectly included with the GA unbilled revenues of account 1589 RSVA when they related to account 1588 RSVA Power. With approval from Board, the 2.1.7 account balances for the 2016 filing period have been restated and refiled.
- 5. 1589 RSVA Global Adjustment: Account 1589 RSVA Global Adjustment continuity on Tab 3 of the Rate Generator Model was input including an amount of \$2,220,295 being included in the "Principal Adjustments during 2016" column reflecting a transfer of unbilled revenue opening balances from account 1589 RSVA Global Adjustment that were incorrectly included with the GA unbilled revenues of account 1589 when they related to account 1588 RSVA Power. With approval from the

Board, the 2.1.7 account balances for the 2016 filing period have been
restated and refiled. Account 1589 RSVA - Global Adjustment continuity
on Tab 3 of the Rate Generator Model was also input including the 2016
RPP Settlement true-up claim which was not recorded previously for
Audited Financial Statements for 2.1.7 RRR Trial Balances purposes. An
amount of \$54,994 has been included in the "Principal Adjustments during
2016" column to reflect this change and a variance of the \$54,994 vs.
2.1.7. RRR Trial Balance is the result. Going forward, Guelph Hydro will
accrue the Settlement true-up claims into account 1589 RSVA - Global
Adjustment prior to closing the year end financials.

6. 1568 – LRAMVA: Guelph Hydro has updated its 2016 preliminary unverified CDM results with the IESO's 2016 Final Verified Results Report received in July 2017; the difference of (\$8,543) arises from this update. Account 1568 - LRAMVA on Tab 3 of the Rate Generator Model was input including an amount of (\$239,788) being included in the "Principal Adjustments during 2016" column and including an amount of \$47 included in the "Interest Adjustments during 2016" column to reflect the actual 2015 ending amounts approved for disposition by the OEB in the 2017 IRM decision.

- 1 A snapshot of the 2.1.7 Trial Balance for 2016 submitted on July 6, 2017 is
- 2 presented below:

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Table 7 - Snapshot of 2.1.7 - 2016 Trial Balance

RCVASTR	1548	77,110.19
LV Variance Account	1550	192,409.99
Smart Metering Entity Charge Variance Account	1551	-60,396.59
Smart Meter Capital and Recovery Offset Variance Account	1555	0.00
Smart Meter OM&A Variance Account	1556	0.00
Meter Cost Deferral Account	1557	0.00
Board-Approval CDM Variance Account	1567	0.00
LRAM Variance Account	1568	1,678,319.02
Extraordinary Event Costs	1572	0.00
Deferred Rate Impact Amounts	1574	0.00
IFRS-CGAAP Transitional PP&E Amounts	1575	0.00
CGAAP Accounting Changes	1576	0.00
RSVA - Wholesale Market Service Charge	1580	-5,279,728.51
RSVAONE-TIME	1582	0.00
RSVA - Retail Transmission Network Charge	1584	-1,635,157.93
RSVA - Retail Transmission Connection Charge	1586	-696,980.82
RSVA - Power (excluding Global Adjustment)	1588	-2,149,668.28
RSVA - Global Adjustment	1589	2,929,550.15
PILs and Tax Variance for 2006 and Subsequent Years	1592	0.00
Disposition and Recovery/Refund of Regulatory Balances Control Account	1595	1,216,087.93

- A snapshot of the 2.1.7 Trial Balance Sub-Accounts Tab for 2016 submitted on July 6,
 2017 is presented below:
- 3 Table 8 Snapshot of 2.1.7 2016 Trial Balance Sub-Accounts Tab

Sub-account Depreciation Expense	1508	0.00
Sub-account Accumulated Depreciation	1508	0.00
Sub-account Energy East Consultation Costs	1508	0.00
Sub-account Financial Assistance Payment and Recovery Variance - OCEB	1508	0.00
Sub-account OEB Cost Assessment Variance	1508	50,941.51
Sub-account Deferred IFRS Transition Costs	1508	0.00
Sub-account IFRS Transition Costs Variance	1508	0.00
Sub-account Incremental Capital Charges	1508	0.00
Sub-account Incremental Capital Expenditures	1508	0.00
Sub-account Incremental Capital Expenditures Rate Rider Revenues	1508	0.00
Sub-account Stranded Meter Costs	1555	0.00
Sub-account CBR class A - Principal	1580	9,878.94
Sub-account CBR class B - Principal	1580	321,820.00
Sub-account CBR class A - Interest	1580	131.22
Sub-account CBR class B - Interest	1580	4,753.33
Sub-account Generation Facility Assets	2075	50,427.55
Sub-account Accumulated Depreciation for Specifically Identified Asset Accounts	2105	-9,674.19
Sub-account Generation Facility Liabilities	2285	0.00
Sub-account Generation Facility Liabilities	2325	0.00
Sub-account Generation Facilities	3075	0.00
Sub-account Generation Facility Revenues	4375	-5,073.31
Sub-account Generation Facility Expenses	4380	0.00
Sub-account LEAP Funding	6205	38,302.96

- 1 Guelph Hydro has presented a summary of the disposition decisions and the
- 2 sunset dates below:

Table 9 – Summary of Guelph Hydro Disposition Decisions

Deferral and Variance Accounts approved for Disposition [decisions & sunset dates]

	2006 EDR	2008 COS	2010 IRM	2012 COS	2014 IRM	2015 IRM	2016 COS	2017 IRM
Sunset Date			April 30, 2012	March 31, 2013	December 31, 2014	December 31, 2015	December 31, 2016	December 31, 2017
			,,		2000111201 01, 2011	2000111201 01, 2010	20002010	2000201
Board's Decision		EB-2007-0742	EB-2009-0226	EB-2011-0123	EB-2013-0133	EB-2014-0077	EB-2015-0073	EB-2016-0075
Group 1								
Low Voltage		1550	1550	1550	1550	1550		
Smart Metering Charge Variance						1551	1551	1551
WMS	1580		1580	1580	1580	1580	1580	1580
WMS- Suyb-account CBR Class B								
RTNC	1584		1584	1584	1584	1584	1584	1584
RTCC	1586		1586	1586	1586	1586	1586	1586
Power	1588		1588	1588	1588	1588	1588	1588
Power-GA			1588-GA	1588-GA	1589	1589	1589	1589
Disposition of Account Balances					1595-(2008 COS	1595-(2008 COS		
Approved in 2008 COS				1595-(2008 COS)	remaining)	remaining)		
Disposition of Account Balances						1595-(2010 IRM	1595-(2010 IRM	1595-(2010 IRM
Approved in 2010 IRM				1595 - (2010 IRM)	1595- (2010 IRM)	remaining)	remaining)	remaining
Disposition of Account Balances				`		-	*	
Approved in 2012 COS				1595 - (2012 COS)		1595 - (2012 COS)		
Disposition of Account Balances							4505 (0044 IDM)	1595-(2014 IRM
Approved in 2014 IRM							1595-(2014 IRM)	remaining)
Disposition of Account Balances								1595-(2015 IRM
Approved in 2015 IRM								remaining)
Group 2	Other Reg. Assets		ts					
Other Reg. Assets	1508	1508		1508-IFRS			1508	
RCVA-Retail	1518			1518			1518	
							1532	
							1533	
RCVA-STR	1548			1548			1548	
				1555-included in the				
Smart Meter Capital				rate base			1555	
				1556-included in the				
Smart Meter OMA				rate base			1556	
Deferred PILs Account				1562				
PILs & Tax Variance				1592			1592	
Special Purpose Charge Assesment						•		
Variance Account				1521				
1568- LRAMVA							1568	
1576- Accounting Changes							1576	

6 Note: Guelph Hydro did not ask for any disposition of deferral and variance account balances in its 2013

IRM application (EB-2012-0128) because the Threshold Test showed a total claim per kWh below the

8 approved threshold of \$0.001.

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Table 10 – Approved Deferral and Variance Account Dollar Balances Disposed

Deferral and Variance Accounts approved for Disposition [\$]

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	2012	cos	20	014 IRM	2015	IRM	2016 (cos	2017	IRM
	EB-201	1-0123	EB-2	2013-0133	EB-201	4-0077	EB-2015	EB-2015-0073		6-0075
Board's Decision	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
Group 1				RSVA						
1550-Low Voltage	(\$115,802)	(\$2,925)	(\$9.894)	(\$1,217)	\$17,489	\$168	\$74,826	\$1,396	\$108,497	\$1.696
1551 - Smart Metering Charge Variance	(, ,,,,,,,,	(* //	(1.7)	(, , ,	\$62,203	\$1,616	(\$18,216)	(\$254)	(\$39,205)	(\$459)
1580-WMS	(\$1,922,324)	(\$38,863)	(\$3,989,563)	(\$127,785)	(\$961,981)	\$6,615	(\$112,601)	\$6,586	(\$3,881,395)	(\$56,303)
1580-WMS- Sub-account CBR Class B	1	, , , , ,	· · · · · · · · · · · · · · · · · · ·	,, , , , ,	, , , , ,				\$350,955	\$5,029
1584-RTNC	\$667,902	\$14,641	\$1,345,249	\$27,626	\$517,305	(\$11,516)	\$197,800	\$5,657	(\$978,909)	(\$13,022)
1586-RTCC	(\$373,043)	(\$9,060)	\$515,947	\$4,930	(\$112,262)	(\$8,634)	\$290,300	\$6,210	(\$433,382)	(\$5,463)
1588-Power	(\$739,604)	(\$17,838)	\$1,579,299	(\$159,858)	\$861,186	(\$1,463)	(\$659,091)	(\$6,258)	(\$1,091,870)	(\$9,667)
1589-Power-GA	(\$1,146,068)	(\$24,464)	(\$2,285,823)	\$33,672	\$4,829,630	\$87,698	\$3,283,591	\$31,085	(\$347,498)	\$3,213
1595-Disposition of Account Balances Approved in 2008 COS	\$14,174	\$10,549	(\$3,004)	(\$2,443)	\$13	(\$1,177)				
1595-Disposition of Account Balances Approved in 2010 IRM			\$25,686	(\$126,025)	(\$1,175)	\$254	\$89	(\$56)	\$0	(\$1)
1595-Disposition of Account Balances Approved in 2012 COS					\$1,135,286	\$544,624				
1595-Disposition of Account Balances Approved in 2014 IRM							\$313,895	(\$387,360)	\$56,659	\$1,441
1595-Disposition of Account Balances Approved in 2015 IRM									\$30,526	\$655,040
Group 2	,									
1508-IFRS-Other Reg. Assets	\$436,933	\$18,882					\$54,050	(\$5,710)		
1518-RCVA-Retail	(\$83,312)	(\$3,789)					\$23,714	(\$1,016)		
1532-Renewable Generation Connection OM&A Deferral Account							\$85,771	\$12,278		
1533-Renewable Generation Connection Funding Adder Deferral Account							(\$343,832)	(\$40,785)		
1548-RCVA-STR	(\$211,458)	(\$13,488)					(\$21,168)	(\$3,507)		
1555-Smart Meter Capital	1555-included in the rate base						\$423,206	\$35,807		
1556-Smart Meter OMA	1556-included in the rate base						\$171,801	\$7,702		
1562-Deferred PILs Account	\$1,151,767	\$628,391								
1592-PILs & Tax Variance	(\$564,143)	(\$22,383)					(\$50,797)	(\$3,187)		
1521Special Purpose Charge Assesment Variance Account	(\$37,397)	\$2,194								
1568- LRAMVA							\$288,941	\$13,680	\$1,028,810	\$30,785
1576- Accounting Changes							(\$805,452)	, .,	, ,	, ,
TOTAL	(\$2.806.574)	\$544,772	(\$2.812.209)	(\$349.883)	\$6,268,002	\$616,402	\$3,140,216	(\$328,873)	(\$5,196,813)	\$612,288

4 Account Balances included in the Rate Generator model:

- 5 Account Balances included in Total Claim:
 - 1550 Low Voltage Variance Account
- 1551 Smart Metering Entity Charge Variance
- 1580 RSVA Wholesale Market Service Charges
- 1584 RSVA Retail Transmission Network Charge
- 1586 RSVA Retail Transmission Connection Charge
- 1588 RSVA Power (excluding Sub-Account Global Adjustment)

1	 1589 — RSVA - Global Adjustment
2	• 1595 — Disposition and Recovery/Refund of Regulatory Balances (2015)
3	Guelph Hydro has included 1568 – LRAM Variance Account in the Continuity
4	Schedule because the total claim of the 2016 balance is considered significant.
5	In its 2016 COS application (EB-2015-0073), Guelph Hydro received approval to
6	dispose of the 2011-2013 LRAMVA balance in the amount of \$302,621, and in its
7	2017IRM the OEB approved the 2014-2015 LRAMVA balance in the amount of
8	\$1,059,595.
9	In early July 2017, the IESO provided Guelph Hydro its Final Verified 2016
10	Annual Results Report, which have been incorporated into this filing. In this
11	Application, Guelph Hydro is seeking approval for 2016 LRAMVA balance in the
12	amount of \$634,132.
13	Guelph Hydro has allocated the deferral and variance account balances
14	requested for disposition to the rate classes based on the default cost
15	allocation methodology as set out in the Report of the Board on Electricity
16	Distributors' Deferral and Variance Account Review Initiative, July 31,
17	2009.
18	 For account 1595 (2015), Guelph Hydro has used the same share
19	proportion that it used in its 2016 COS application (EB-2015-0073).
20 21	3.7.1 Wholesale Market Participants (WMP) Rate Rider for Disposition of Deferral/Variance Accounts
22	In accordance with the Chapter 3 Filing requirements updated on July 20, 2017, a
23	wholesale market participant (WMP) refers to any entity that participates directly in
24	any of the IESO-administered markets. These participants settle commodity and
25	market-related charges with the IESO even if they are embedded in a distributor's
26	distribution system. As a consequence, Guelph Hydro has not allocated any account

1	balances in Account 1588 RSVA - Power, Account 1580 RSVA - Wholesale Market
2	Services Charge and Account 1589 RSVA - Global Adjustment to its WMP
3	customers.
4	The WMPs settle directly with the IESO the Global Adjustment charge. Therefore,
5	Guelph Hydro is proposing not to charge a Rate Rider for the Disposition of Global
6	Adjustment Account to the WMPs customers.
7	Guelph Hydro ensured that rate riders are appropriately calculated for the following
8	remaining charges that are still settled with the Applicant. These include Account
9	1584 RSVA – Retail Transmission Network Charge, Account 1586 RSVA – Retail
10	Transmission Connection Charge and Account 1595 – Disposition/Refund of
11	Regulatory Balances.
12	Guelph Hydro currently has two WMP customers which belong to the General
13	Service 50 kW to 999 kW class.
14	In accordance with Chapter 3 Filing Requirements updated on July 20, 2017, all
15	global adjustment (GA) rate riders for applicable classes are calculated on an energy
16	basis (kWh).
17	Guelph Hydro used the WMPs 2016 metered consumption as reported in 2.1.5.4
18	filings.
19	3.7.2 Class A Customers Rate Rider for Disposition of the Global Adjustment
20	Account Balance
21	Guelph Hydro's settlement process with the IESO completely offsets the Class A
22	contribution to the 1589 Global Adjustment balance (described in detail in section
23	3.7.4.2 of this Application). Therefore, Guelph Hydro is proposing not to charge a
24	Rate Rider for disposition of Global Adjustment Account to the 10 customers who
25	were Class A for the entire 2016 year. For details, please see the 2018 IRM Rate
26	Generator model, Tab 6. Class A Consumption Data and Tab 6.1a GA Allocation.

In accordance with the Chapter 3 Filing Requirements last updated July 20, 2017. distributors who serve Class A customers¹ must allocate the recovery of the global adjustment variance balance based on their settlement process with the IESO for any residual global adjustment variance balances that accrued for Class A transition customers (i.e., customers who transitioned from Class B to A or Class A to B during the period). Guelph Hydro's eligible Class A customers during the 2016 period belonged to General Service 1000 to 4999 kW and Large Use classes. Beginning July 1, 2016, one customer obtained Class A status, but contributed to the global adjustment variance balance prior to this date. In addition, three customers obtained Class B status on July 1, 2016 and contributed to the global adjustment variance balance after this date. The GA contribution of the Class A transition customers was \$164,945 for the period of January 1, 2016 to December 31, 2016, including carrying charges using the OEB's prescribed interest rates. Guelph Hydro completed the Rate Generator Model, Tab 6.1a GA Allocation, to determine monthly equal payments for the Class A transition customers. For additional information regarding the method used by Guelph Hydro to bill the Global Adjustment charge to Class B customers, please see Global Adjustment, Class B Customers in section 3.7.4.2 of this Application.

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Guelph Hydro proposes to recover the \$164,945 balance from the Class A transition customers through customer-specific equal monthly payments over a 12-month disposition period. Guelph Hydro's proposal is consistent with the OEB's Decision and Rate Order in Guelph Hydro's 2017 IRM application (EB-2016-0075) and the London Hydro 2016 Price-Cap IR case (EB-2015-0087), for recovery of residual global adjustment variance balances that accrued prior to newly eligible customers being classified as Class A customers. Guelph Hydro's proposed customer-specific

¹ As of July 1, 2015, per O.Reg 429/04, an eligible customer with a maximum hourly demand over 3 MW but less than 5 MW, can elect to become a Class A customer for an applicable adjustment period of 1 year. Effective January 1, 2017, the ICI expanded to include all electricity users with an average monthly peak demand over 1 MW. In April 2017, the ICI further expanded eligibility to 500 kW for manufacturing and greenhouse customers to opt-in to the ICI.

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- 1 equal monthly payments for its Class A transition customers are summarized in the
- 2 table below.

Table 11 – Class A Transition Customer GA Monthly Payments

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2016
Total Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial and full year)	А	749,584,028	749,584,028
All Class B Consumption (i.e. full year or partial year) for Transition Customers	В	36,743,136	36,743,136
Transition Customers' Portion of Total Consumption	C=B/A	4.90%	

Allocation of Total GA Balance \$

Total GA Balance	D	\$ 3,364,977
Transition Customers Portion of GA Balance	E=C*D	\$ 164,945
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	F=D-E	\$ 3,200,032

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		4				
Customer			Metered Consumption (kWh) for Transition Customers During the Period They Were Class B Customers in 2016		Customer Specific GA Allocation During the Period They Were a Class B customer	Monthly Equal Payments
Customer 1		13,050,764	13,050,764	35.52%	\$ 58,587	\$ 4,882
Customer 2		11,128,521	11,128,521	30.29%	\$ 49,957	\$ 4,163
Customer 3		5,799,216	5,799,216	15.78%	\$ 26,033	\$ 2,169
Customer 4	·	6,764,635	6,764,635	18.41%	\$ 30,367	\$ 2,531
Total		36,743,136	36,743,136	100.00%	\$ 164,945	

3.7.3 Global Adjustment ("GA") Analysis

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- New to the Chapter 3 Filing Requirements updated on July 20, 2017, distributors must complete the GA Analysis Workform to determine whether the annual balance in Account 1589 is reasonable. The workform compares the General Ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs. Distributors may provide reconciling items to explain and reduce the discrepancy between the actual and expected balance. Any unexplained discrepancy greater than +/- 1% of the total annual IESO GA charges will be assessed for materiality and may prompt further analysis before disposition approval.
 - Guelph Hydro bills Non-RPP Class B customers the GA based on the monthly IESO posted 1st Estimate. Guelph Hydro does not bill most of its customers on a calendar month basis. For those customers with billing cycles spanning more than one calendar month, the CIS system bills a weighted average Global Adjustment 1st Estimate rate.
- Guelph Hydro has completed the GA Analysis Workform for 2016 GA activity and filed it in Appendix 7 of this Application. Guelph Hydro inserted five additional tabs to support the GA reconciling items.
 - Tab 1.Adjustments is a summary of Guelph Hydro's reconciling items.
 - Tab 2.GA Detailed Analysis demonstrates billing the weighted average GA rate for customers with billing cycles spanning more than one calendar month.
 - Tab 3.RPP True-up presents Guelph Hydro's quarterly RPP Settlement GA True-up claims.
 - Tab 4.IESO Invoice Analysis demonstrates the IESO adjustments to Charge Type 148 Class B Global Adjustment Settlement Amount and the Actual GA Rate the IESO historically charged to Guelph Hydro.

1 Tab 5.UBR Retailer Contract details the accrual of unbilled retailer customers 2 using an historical weighted average GA 1st Estimate rate rather than the IESO 3 posted 1st Estimate. 4 Guelph Hydro's 2016 principal balance in the General Ledger is \$1,010,674 and the 5 expected balance is -\$266,080. The GA balance discrepancy is -\$1,276,753. Guelph 6 Hydro has identified four reconciling items to reduce the discrepancy between actual 7 and the expected balance. 8 **Reconciling Item 1:** GA from prior year RPP Settlement true up process that are 9 booked in 2016 year 10 In 2015 and 2016, Guelph Hydro conducted RPP Settlement true-ups on a 11 quarterly basis. In the January 2016 IESO RPP Settlement submission, Guelph 12 Hydro claimed a \$4,073.32 payment from IESO for the 2015 fourth quarter GA 13 true-up. This true-up amount is captured in the 2016 GA principal balance in the 14 GLs. In addition, the true-up amount was not previously captured in the 2015 GA 15 balance disposed of in Guelph Hydro's 2017 IRM application (EB-2016-0075). 16 Reconciling Item 2: GA from current year RPP Settlement true up process that are 17 booked in 2017 year 18 In the January 2017 IESO RPP Settlement submission, Guelph Hydro claimed a 19 \$54,994.36 payment to IESO for the 2016 fourth quarter GA true-up. This true-up 20 amount is not captured in the 2016 GA principal balance in the GLs. Guelph Hydro 21 has adjusted the 3. Continuity Schedule to include this amount in the 2016 22 Principal Adjustments column. 23 **Reconciling Item 3:** Unbilled Revenue Differences 24 Guelph Hydro accrues for unbilled retailer customers using a weighted average historical GA rate. This is a different unbilled method than the method expected in 25

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the GA Analysis model at the IESO posted 1st Estimate GA rate. In Tab 5.UBR Retailer Contract, Guelph Hydro has calculated the difference between unbilled revenue at first estimate GA rate and unbilled revenue at weighted average historical GA rate in the amount of \$127,042.14.

Reconciling Item 4: Billed GA Differences

The GA Analysis model assumes a distributor bills customers on a calendar month basis. Guelph Hydro does not bill most of its customers on a calendar month basis. For those customers with billing cycles bridging two calendar months, the CIS system bills a weighted average GA 1st Estimate rate. This analysis is presented in Tab 2.GA Detailed Analysis columns O to R, with column S demonstrating the monthly average GA rate billed to customers in 2016. Based on this analysis, the GA Analysis model expectation (cell K26) is greater than the GA amount Guelph Hydro collected (cell O26) by \$882,762.09.

The outcome of the reconciled GA Analysis is an unexplained discrepancy of 0.4% for the 2016 GA balance. This is within the +/-1% threshold, indicating Guelph Hydro's 2016 GA balance is reasonable. A summary of the GA reasonableness is presented in the table below:

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Table 12 – GA Analysis Summary

Vaca	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)	Reconciling Items (sum of cells D66 to D78)	Adjusted Net Change in Principal Balance in the GL		Payments to IESO	Unresolved Difference as % of Expected GA Payments to IESO
Year	, , , ,	` '		_		, ,	,
2016	-\$ 266,080	\$ 1,010,674	-\$ 950,737	\$ 59,937	\$ 326,017	\$ 74,745,971	0.4%
				\$ -	\$ -		0.0%
				-	\$ -		0.0%
				-	\$		0.0%
Cumulative Balance	-\$ 266,080	\$ 1,010,674	-\$ 950,737	\$ 59,937	\$ 326,017	\$ 74,745,971.10	N/A

3.7.4 Settlement Process

- 2 The Board's filing requirements for 2018 Rate Applications require each distributor to
- provide a description of its settlement process with the IESO or host distributor.
- 4 Distributors must specify the Global Adjustment rate used for billing each rate class,
- 5 itemize the process for providing consumption estimates to the IESO, and describe the
- 6 true-up process to reconcile estimates of RPP and non-RPP consumption once actuals
- 7 are known.

- 8 Guelph Hydro does not have a host distributor, and settles directly with the IESO.
- 9 Guelph Hydro determines RPP eligibility for small business (General Service less than
- 10 50 kW) customers by performing annual customer reclassification based on annual
- 11 consumption (i.e. if annual consumption is less than 250,000 kWh, the customer meets
- the RPP eligibility).
- On a monthly basis, Guelph Hydro calculates an amount payable/receivable to/from the
- 14 IESO to settle for the previous month. The settlement figures are communicated to the
- 15 IESO via an online portal on or before the fourth business day of the month, and
- appear under certain charge types on the IESO invoice, which arrives mid-month. This
- 17 process ensures that the IESO and Guelph Hydro are appropriately compensated for
- various government-mandated rates/plans/programs:
- 19 1. The Regulated Price Plan (RPP) charge type 142
- 20 2. Global Adjustment (GA) charge type 147 and 148
- 3. Renewable Energy Standard Offer (RESOP) Program charge type 1410
- 4. Feed-In-Tariff (FIT) Program charge type 1412

5. Ontario Electricity Support Program (OESP) – charge type 1420 & 1470

2 A further explanation of each component of this settlement process is provided below.

3.7.4.1 Commodity Accounts 1588 and 1589 - Regulated Price Plan Settlement and True-up

Guelph Hydro claims the difference between Regulated Price Plan (RPP) rates applied to RPP customers, and the sum of the corresponding consumption multiplied by the Weighted Average Hourly Spot Price (WAHSP) and Global Adjustment (GA) in IESO Form (formerly 1598) each month. The process is completed using General Ledger activity and meter data available from Guelph Hydro's Customer Information System (CIS).

For the current IESO settlement month, Guelph Hydro extracts billed customer RPP commodity charges (TOU and tier pricing) from the General Ledger activity and extracts billed consumption for RPP customers from the CIS system. For IESO settlement purposes, Guelph Hydro has setup a calculation in its CIS system to determine WAHSP charges based on billed consumption for RPP customers. This calculation is tracked in General Ledger activity. Guelph Hydro then adds the estimated GA charges based on the IESO 2nd estimate and RPP billed consumption to the calculated WAHSP charges. The amount settled with the IESO is the difference between the sum of the WAHSP and GA calculation minus the billed RPP commodity (TOU and tier pricing). Guelph Hydro maintains separate General Ledger accounts to track the RPP settlement and GA settlement portions, which are both tracked in USoA 4705 account. Guelph Hydro extracts from General Ledger activity the Final Variance Settlement Amount (FVSA) for customers who have exited the RPP in the current IESO settlement month (as of July 1st, 2017 this activity has been suspended).

Each month Guelph Hydro submits a GA true up to the IESO for the prior month. Guelph Hydro calculates the Actual GA charges by applying the corresponding Actual GA rate

1 to the kWh consumption submitted to the IESO for the month. The monthly true-up is 2 the difference between the Actual GA calculation minus the estimated GA submitted to 3 the IESO based on the 2nd estimate. This is captured within USoA 4705 as well. As 4 directed in the OEB letter Guidance on the Disposition of Accounts 1588 and 1589 5 issued on May 23, 2017, Guelph Hydro now conducts GA true-up claims on a monthly 6 basis beginning June 1, 2017, but previously this occurred quarterly. 7 The RPP portion of the Global Adjustment is reflected in Account 1588 RSVA Power. 8 9 The non-RPP portion of the Global Adjustment is reflected in Account 1589 Global 10 Adjustment. 3.7.4.2 Global Adjustment 11 12 Class B Customers Guelph Hydro relies on accrual accounting. All non-RPP Class B customers are billed 13 14 using the IESO's Global Adjustment 1st estimate. The billed amounts are tracked in 15 USoAs 4006-4055, depending on customer classifications. 16 The actual GA amount Guelph Hydro is billed by the IESO to service non-RPP Class B 17 customers is tracked in USoA 4707. 18 The GA variance account 1589 captures the difference between the amounts billed to non-RPP customers on 1st estimate and the actual amount paid by Guelph Hydro to the 19 20 IESO for non-RPP customers (i.e. the IESO charge 148 – Class B GA charge minus 21 the GA attributed to RPP settlement included in the IESO charge 142 – RPP settlement 22 amount).

Class A Customers

2	Effective July 1, 2015, per O. Reg. 429/04, an eligible customer with a maximum hourly
3	demand over three megawatts, but less than five megawatts, can elect to become a
4	Class A customer for an applicable adjustment period of one year. Table 13 details the
5	number of Class A customers Guelph Hydro historically serves.
6	Effective July 1, 2017 under the Fair Hydro Act, 2017, O. Reg. 429/04 was amended
7	such that an eligible customer with a maximum hourly demand over one megawatt, but
8	less than five megawatts, and manufacturing or greenhouse customers with average
9	demand between 500-1,000 kW can elect to become a Class A customer for an
10	applicable adjustment period of one year.
11	Annually, Guelph Hydro reviews its large customer Class A eligibility by calculating the
12	customer's average demand during the twelve-month base period of May 1 to April 30.
13	For the May 1, 2015 to June 30, 2016 Base Period, if the customer has average
14	demand of 3 MW to 5 MW and the load facility is identified by NAICS code 493120 or a
15	NAICS code commencing with the digits "21", "31", "32", "33", "518" or "1114", the
16	customer meets the eligibility of Class A (the customer must opt-in to be classified as
17	Class A customer). For the May 1, 2016 to June 30, 2017 Base Period, if the customer
18	has average demand above 1 MW, or between 500-1,000 kW and is identified by
19	NAICS code commencing with "31", "32", "33" or "1114", the customer meets the
20	eligibility of Class A. If the customer has average demand above 5 MW, the customer is
21	automatically classified as a Class A customer.
22	Guelph Hydro calculates its own peak demand factor (PDF) by collecting the sum of
23	participating Class A customer demand during the top 5 Ontario peaks divided by the
24	sum of Ontario's demand during the top 5 peaks (communicated by the IESO). Guelph
25	Hydro confirms its PDF calculation once it receives its PDF from the IESO at the end of
26	May.

To settle Class A customers' actual GA amounts, Guelph Hydro first calculates the total Ontario GA cost by taking the 147 - IESO charge and dividing it by Guelph Hydro's PDF (the sum of Guelph Hydro's Class A customer PDFs). Once total GA costs are determined, this is then multiplied by a specific Class A customer's PDF to determine that customer's Class A GA charge for the month. The second step is repeated for all Class A customers to determine their Class A GA charge for the month. The PDF for each individual Class A customer is calculated as the sum of the five customer demand peaks registered during the base period divided by the sum of the Ontario demand peaks determined by the IESO.

Table 13 - Number of Class A Customers

Adjustment Period	Number of Class A Customers	Combined Peak Demand Factor
July 1, 2014 to June 30, 2015	6	0.00198622
July 1, 2015 to June 30, 2016	13	0.00292400
July 1, 2016 to June 30, 2017	11	0.00234666
July 1, 2017 to June 30, 2018	55	0.00438152

Prior to the amendments to O. Reg. 429/04 in 2015, Guelph Hydro served four Class A customers above 5,000 kW and two Class A customers below 5,000 kW that regained Class A status under section 6.2 of O. Reg. 429/04 due to participation in eligible IESO (formerly OPA) conservation programs.

 As a result of amendments to the Industrial Conservation Initiative (ICI) program and O. Reg. 429/04 in 2015, Guelph Hydro added six new Class A eligible customers in the General Service 1,000-4,999 kW rate class, and added one customer due to reclassification to the Large Use rate class.

1 Beginning July 1, 2016, Guelph Hydro added one new Class A eligible customer in the 2 General Service 1,000-4,999 kW rate class, and had one General Service 1,000-4,999 3 kW and two Large Use customers opt-out of Class A. 4 Under the Fair Hydro Act, 2017, the ICI program and O. Reg. 429/04 were amended to 5 allow customers with average demand of one megawatt or more, and manufacturing or 6 greenhouse customers with average demand between 500-1,000 kW to participate as a 7 Class A customer. Guelph Hydro added 44 new Class A eligible customers to the existing 11 Class A customers; two in the Large Use rate class (both previously Class A 8 9 in the July 1, 2015 to June 30, 2016 Adjustment Period), 30 in the General Service 10 1,000-4,999 kW rate class, and 12 in the General Service 50-999 kW rate class. 11 Effective on the date a customer becomes Class A, they are billed on actual global 12 adjustment charges and do not contribute to the GA variance in Account 1589. 3.7.4.3 Renewable Energy Standard Offer Program (RESOP) Settlement Amount 13 14 Guelph Hydro has two customers under the RESOP program. Each month the General 15 Ledger activity is used to determine the actual credit amounts remitted during the 16 month to RESOP customers. The RESOP credit minus WASHP is settled with the 17 IESO. 3.7.4.4 Feed-In-Tariff Program Settlement Amount 18 19 Guelph Hydro maintains a pair of General Ledger accounts for each contract price that 20 exists to date under the FIT and microFIT program. One account tracks the amount 21 credited to FIT or microFIT customers at the applicable contract price during the month, 22 the second account tracks the value of the electricity commodity which has flowed into 23 Guelph Hydro's distribution system from FIT and microFIT generators (found by 24 multiplying the kWh generated by the weighted average hourly spot price for the

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applicable billing period).

- 1 Guelph Hydro settles with the IESO the difference between the credits issued to
- 2 customers and the value of the electricity commodity which has been generated and
- 3 sold within Guelph Hydro's distribution system.

4 3.7.4.5 Ontario Electricity Support Program

- 5 Guelph Hydro obtains the value of OESP credits applied to qualified low-income
- 6 customer accounts from the General Ledger activity during the month. Separate GL
- 7 accounts are maintained for each OESP Class or tariff code, as well as adjustments.
- The IESO compensates Guelph Hydro for its OESP credits issued under IESO charge
- 9 type 1420.
- 10 Effective May 1, 2017 as part of the Fair Hydro Plan, O. Reg. 314/15 was amended to
- 11 expand the OESP program's household eligibility requirements and increase OESP
- credit tariffs by 50%. Prior to May 1, 2017, the program had nine OESP credit tariffs in
- which Guelph Hydro settled with the IESO. As a result of the May 1, 2017
- amendments, Guelph Hydro now settles 13 OESP credit tariffs with the IESO.
- 15 From January 1, 2016 to April 30, 2017, the OESP was funded by all ratepayers based
- on electricity consumption. During this period, Guelph Hydro charged all customer
- 17 classes, exclusive of customers which are market participants, at the OESP rate
- prescribed by the OEB. The IESO charged Guelph Hydro for the OESP program by the
- number of kWh withdrawn from the grid in a given month multiplied by the same rate, in
- 20 charge type 1470. Guelph Hydro tracked the variance between OESP Revenue billed
- 21 to customers (USoA 4062 Billed Wholesale Market Service) and OESP Expense billed
- by IESO (USoA 4708 Charges Wholesale Market Service) in Account 1580 (Wholesale
- 23 Market Service).
- As part of the Ontario Government's Fair Hydro Plan, the OEB issued a Decision and
- Order on March 23, 2017 to cease applying the OESP charge to all customers effective
- May 1, 2017. The OEB also directed the IESO to cease applying the OESP charge to

- 1 market participants on the same date. Since Guelph Hydro and the IESO do not apply
- 2 OESP charges beginning May 2017, Guelph Hydro is no longer required to track the
- 3 OESP Revenue billed to customers and OESP Expense billed by the IESO in Account
- 4 1580 (Wholesale Market Service) after May 2017.

5 3.7.5 Capacity Based Recovery (CBR)

- 6 Guelph Hydro follows the OEB's Accounting Guidance on CBR issued on July 25,
- 7 2016.
- 8 Guelph Hydro bills Class A customers their share of the actual CBR charge, equal to
- 9 Charge Type 1350 on the IESO invoice, based on their respective Peak Demand
- 10 Factor. Wholesale Market Participants are billed by the IESO for CBR. Costs recorded
- under Charge Type 1350 for CBR for Class A consumption are recorded in Account
- 12 4708 Charges WMS, Sub-account CBR Class A.
- 13 Guelph Hydro's settlement process with the IESO offsets to zero the Class A
- 14 contribution to the 1580 WMS Sub-account CBR Class A balance. Therefore, Guelph
- Hydro is proposing not to charge a Rate Rider for disposition of CBR Class A Account
- to the 10 Class A customers who were Class A for the entire 2016 year.
- 17 In accordance with the Chapter 3 Filing Requirements last updated July 20, 2017,
- distributors who serve Class A customers must allocate the recovery of the CBR Class
- 19 B variance balance based on their settlement process with the IESO for any residual
- 20 CBR Class B variance balances that accrued for Class A transition customers (i.e.,
- customers who transitioned from Class B to A or Class A to B during the period).
- Beginning July 1, 2016, one customer obtained Class A status, but contributed to the
- 23 CBR Class B variance balance prior to this date. In addition, three customers obtained
- Class B status on July 1, 2016 and contributed to the CBR Class B variance balance
- 25 after this date. The CBR Class B contribution of the Class A transition customers is

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-\$3,127 for the period of January 1, 2016 to December 31, 2016, including carrying 1 2 charges using the OEB prescribed interest rates. 3 Guelph Hydro proposes to refund the -\$3,127 balance to the Class A transition 4 customers through a customer-specific equal monthly credit over a 12-month disposition period. Guelph Hydro's proposal is consistent with the OEB's Decision and Rate Order 5 6 in Guelph Hydro's 2017 IRM case (EB-2016-0075), for recovery of residual CBR Class 7 B variance balances that accrued prior to newly eligible customers being classified as 8 Class A customers. Guelph Hydro's proposed customer-specific equal monthly credits 9 for Class A transition customers are summarized in Table 14 below. For details, please see the 2018 IRM Rate Generator model, Tab 6. Class A Consumption Data and Tab 10 11 6.2a CBR B_Allocation.

<u>Table 14 – Class A Transition Customer CBR Monthly Credits</u>

Allocation of total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2016
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial and full year)	A	749,584,028	749.584.028
All Class B Consumption (i.e. full year or partial year) for Transition		, 13,30 1,620	7 13,50 1,020
Customers	В	36,743,136	36,743,136
Transition Customers' Portion of Total Consumption	C=B/A	4.90%	712,840,891

Allocation of Total CBR Class B Balance \$

ı	Total CBR Class B Balance	D	-\$	63,783
		E=D*C	-\$	3,127
	CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$	60,657

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers		4					
Customer		Consumption (kWh) for Transition	Metered Class B Consumption (kWh) for Transition Customers During the Period They were Class B Customers in 2016		Customer Specific CBR Class B Allocation During the Period They Were a Class B Customer	Monthly Equal Payments	
Customer 1		13,050,764	13,050,764	35.52%	-\$ 1,111	-\$ 93	
Customer 2		11,128,521	11,128,521	30.29%	-\$ 947	-\$ 79	
Customer 3		5,799,216	5,799,216	15.78%	-\$ 493	-\$ 41	
Customer 4	•	6,764,635	6,764,635	18.41%	-\$ 576	-\$ 48	
Total		36,743,136	36,743,136	100.00%	-\$ 3,127	-\$ 261	

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1	Guelph Hydro records WMS revenues for CBR on all consumption effective January
2	1, 2016 and onwards for Class B customers, excluding Wholesale Market
3	Participants. Costs recorded under Charge Type 1351 for CBR for Class B
4	consumption is recorded in Account 4708 Charges – WMS, Sub-account CBR Class
5	B. Guelph Hydro tracks the variance between the revenue billed to customers for
6	Class B CBR and the costs recorded under Charge Type 1351 for CBR in Account
7	1580 WMS Sub-account CBR Class B. Carrying charges are applied to monthly
8	opening balances at the Board's prescribed rate.
9	3.7.6 Adjustments to the Board-approved deferral and variance account
10	balances
11	In accordance with the Filing Requirements to provide a supporting statement
12	indicating what adjustments were made to deferral and variance account balances
13	that were previously approved by the Board on a final basis, Guelph Hydro states

that it made adjustments as presented below:

Table 15 - Deferral and Variance Accounts Approved for Disposition

Deferral and Variance Accounts approved for Disposition [\$]

	2012	cos	20	014 IRM	2015	IRM	2016 (cos	2017 I	RM
	EB-201			2013-0133					EB-2016	
Board's Decision	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
Group 1				RSVA	•					
1550-Low Voltage	(\$115,802)	(\$2,925)	(\$9,894)	(\$1,217)	\$17,489	\$168	\$74,826	\$1,396	\$108,497	\$1,696
1551 - Smart Metering Charge Variance	(* -,)	(* /2 2/	(4-7)	(* / /	\$62,203	\$1,616	(\$18,216)	(\$254)	(\$39,205)	(\$459)
1580-WMS	(\$1,922,324)	(\$38,863)	(\$3,989,563)	(\$127,785)	(\$961,981)	\$6,615	(\$112,601)	\$6,586	(\$3,881,395)	(\$56,303)
1580-WMS- Sub-account CBR Class B	(* /* /* /	(+,,	(+-,,,	(* / ==/	(+ / /	* - , -	(* / /	* - /	\$350,955	\$5,029
1584-RTNC	\$667,902	\$14,641	\$1,345,249	\$27,626	\$517,305	(\$11,516)	\$197,800	\$5,657	(\$978,909)	(\$13,022)
1586-RTCC	(\$373,043)	(\$9,060)	\$515,947	\$4,930	(\$112,262)	(\$8,634)	\$290,300	\$6,210	(\$433,382)	(\$5,463)
1588-Power	(\$739,604)	(\$17,838)	\$1,579,299	(\$159.858)	\$861,186	(\$1,463)	(\$659,091)	(\$6,258)	(\$1,091,870)	(\$9,667)
1589-Power-GA	(\$1,146,068)	(\$24,464)	(\$2,285,823)	\$33,672	\$4,829,630	\$87,698	\$3,283,591	\$31,085	(\$347,498)	\$3,213
1595-Disposition of Account Balances		, , ,	· , , , ,	·			, ,	. , ,	(** , ***)	* - /
Approved in 2008 COS	\$14,174	\$10,549	(\$3,004)	(\$2,443)	\$13	(\$1,177)				
1595-Disposition of Account Balances			#05.000	(0.100.005)	(04.475)	0054	# 00	(0.50)	00	(0.1)
Approved in 2010 IRM			\$25,686	(\$126,025)	(\$1,175)	\$254	\$89	(\$56)	\$0	(\$1)
1595-Disposition of Account Balances					¢4.40E.000	ΦΕ 4.4.CO.4				
Approved in 2012 COS					\$1,135,286	\$544,624				
1595-Disposition of Account Balances							\$313.895	(\$387,360)	\$56,659	\$1,441
Approved in 2014 IRM							φ313,095	(\$367,360)	\$30,039	Φ1, 44 1
1595-Disposition of Account Balances									\$30,526	\$655,040
Approved in 2015 IRM									ψ30,320	ψ033,040
Group 2										
1508-IFRS-Other Reg. Assets	\$436,933	\$18,882					\$54,050	(\$5,710)		
1518-RCVA-Retail	(\$83,312)	(\$3,789)					\$23,714	(\$1,016)		
1532-Renewable Generation Connection							\$85,771	\$12,278		
OM&A Deferral Account							φοσ,ττι	Ψ12,270		
1533-Renewable Generation Connection							(\$343,832)	(\$40,785)		
Funding Adder Deferral Account							* '			
1548-RCVA-STR	(\$211,458)	(\$13,488)					(\$21,168)	(\$3,507)		
1.550	1555-included						* 400 000	005.007		
1555-Smart Meter Capital	in the rate base						\$423,206	\$35,807		
	1556-included									
1556-Smart Meter OMA	in the rate base						\$171,801	\$7,702		
1562-Deferred PILs Account	\$1,151,767	\$628,391								
1592-PILs & Tax Variance	(\$564,143)	(\$22,383)					(\$50,797)	(\$3,187)		
1521Special Purpose Charge Assesment	(\$37,397)	\$2,194								
Variance Account	(ψυ1,υθ1)	Ψ2,194								
1568- LRAMVA							\$288,941	\$13,680	\$1,028,810	\$30,785
1576- Accounting Changes							(\$805,452)			
TOTAL	(\$2,922,376)	\$541,847	(\$2,822,103)	(\$351,100)	\$6,347,694	\$618,186	\$3,196,827	(\$327,731)	(\$5,196,813)	\$612,288

- 1 Guelph Hydro has presented below the total deferral and variance account balances
- 2 requested for disposition and used to test the threshold:

Table 16 – Total Group 1 Balances

			2	2016	
Account Descriptions	Account Number	Closing Principal Balances as of Dec 31-2016 Adjusted for Dispositions during 2017	Closing Interest Balances as of Dec 31-2016 Adjusted for Dispositions during 2017	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31- 2016 Balance Adjusted for Disposition during 2017	Total
Group 1 Accounts					
LV Variance Account	1550	\$81,768	\$449	\$899	\$83,117
Smart Metering Entity Charge Variance	1551	(\$20,636)	(\$96)	(\$227)	(\$20,959)
RSVA - Wholesale Market Service Charge	1580	(\$1,627,076)	(\$7,844)	(\$17,898)	(\$1,652,818)
RSVA - WMSC- Subaccount CBR Class B	1580	(\$62,618)	(\$476)	(\$689)	(\$63,783)
RSVA - Retail Transmission Network Charge	1584	(\$641,050)	(\$2,177)	(\$7,052)	(\$650,279)
RSVA - Retail Transmission Connection Charge	1586	(\$258,199)	\$63	(\$2,840)	(\$260,975)
RSVA - Power (excluding Global Adjustment)	1588	(\$1,031,019)	(\$17,112)	(\$11,341)	(\$1,059,472)
RSVA - Global Adjustment	1589	\$3,285,963	\$42,867	\$36,146	\$3,364,977
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595 (2010)				\$0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595(2014)				\$0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595 (2015)	(\$97,851)	(\$1,224)	(\$1,076)	(\$100,151)
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595 (2016)				
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		(\$370,718)	\$14,452	(\$4,078)	(\$360,344)
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		(\$3,656,681)	(\$28,415)	(\$40,224)	(\$3,725,320)
RSVA - Global Adjustment	1589	\$3,285,963	\$42,867	\$36,146	\$3,364,977
Total of Group 1					(\$360,344)

The closing principal balances include the disposition adjustment approved in 2012

COS (EB-2011-0123), 2014 IRM (EB-2013-0133), 2015 IRM (EB-2014-0077), 2016

COS (EB-2015-0073), and 2017IRM (EB-2016-0075). The interest rate used for

calculating the projected interest from January 1, 2017 to December 31, 2017 is

1.10% which is the Board-approved prescribed interest rate for the first, second and

third quarter of 2017.

12 The proposed Deferral and Variance Rate Riders are presented next.

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<u>Table 17 – Proposed Deferral and Variance Account</u> <u>and Global Adjustment Rate Riders</u>

		Deferral/Variance	Global Adjustment	
Rate Class	Unit	Account Rate Rider	Rate Rider	
RESIDENTIAL	\$/kWh	(\$0.0023)	\$0.0045	
GENERAL SERVICE LESS THAN 50 KW	\$/kWh	(\$0.0022)	\$0.0045	
GENERAL SERVICE 50 TO 999 KW - Non				
RPP and Non-Wholesale Market	\$/kW	(\$0.2077)	\$0.0045	
Participant				
GENERAL SERVICE 50 TO 999 KW - RPP and Non-Wholesale Market Participant	\$/kW	(0.5958)		
GENERAL SERVICE 50 TO 999 KW - Wholesale Market Participant	\$/kW	(\$0.2077)		
GENERAL SERVICE 1,000 TO 4,999 KW - Non-Class A customers	\$/kW	(\$1.0955)	\$0.0045	
GENERAL SERVICE 1,000 TO 4,999 KW - Class A customers	\$/kW	(\$1.0955)		
LARGE USE - Class A	\$/kW	(\$0.9653)		
UNMETERED SCATTERED LOAD	\$/kWh	(\$0.0022)	\$0.0045	
SENTINEL LIGHTING	\$/kW	(\$1.0821)	\$0.0045	
STREET LIGHTING	\$/kW	(\$0.7759)	\$0.0045	

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Certification of Evidence

2	As Chief Executive Officer of Guelph Hydro Electric Systems Inc., I certify to the
3	best of my knowledge, that the information filed in the regulatory assets claim is
4	consistent with the Board's accounting requirements and procedures in the
5	Accounting Procedures Handbook. The filing is consistent with the requirements
6	of the Report of the Board on Electricity Distributors' Deferral and Variance
7	Account Review Initiative issued July 31, 2009 and Chapter 3 of the Filing
8	Requirements for Transmission and Distribution Rate Applications last revised
9	July 20, 2017.
10	To the best of my knowledge, I certify that Guelph Hydro has robust processes
11	and internal controls in place for the preparation, review, verification and
12	oversight of account balances being disposed, consistent with the certification
13	requirements in Chapter 1 and 3 of the Filing Requirements for Transmission and
14	Distribution Rate Applications.
15	

Pankaj Sardana

Chief Executive Officer

3.8 Account 1568 LRAM Variance Account ("LRAMVA")

2	Reference A	Appendix 5 LRAMVA Model.			
3	For CDM programs delivered within the 2011 to 2014 term and going forward within				
4	the 2015 to 2020 term, the Board established Account 1568 as the LRAMVA to				
5	capture the variance between the Board-approved CDM forecast and the actual				
6	results at the customer rate class level.				
7	The LRAM variance account ("LRAMVA") captures at the customer rate-class level,				
8	the difference between the following:				
9	a)	The results of actual, verified impacts of authorized CDM activities			
10		undertaken by Guelph Hydro; and			
11	b)	The OEB-approved LRAMVA threshold (reference: file EB-2016-0075,			
12		Settlement Agreement, Appendix E-Settled Load Forecast presented as			
13		Appendix 4 of this Application)			
14	Accordi	ng to the July 31, 2009 Report of the Board: Electricity Distributors' Deferral			
15	and Variance Account Review Initiative (EDDVAR) the April 26, 2012 Guidelines				
16	for Electricity Distributor CDM, Guelph Hydro has not included the 1568 LRAMVA in				
17	the pre-set disposition threshold calculation in determining materiality for disposition				
18	for Grou	for Group 1 accounts.			
19	In accordance with the Board's Guidelines for Electricity Distributor CDM, at a				
20	minimum, distributors must apply for disposition of the balance in the LRAMVA at				
21	the time of their Cost of Service rate applications. Distributors may apply for the				
22	disposition of the balance in the LRAMVA in Incentive Regulation Mechanism rate				
23	applications, if the balance is deemed significant by the applicant.				
24	All requests for disposition of the LRAMVA must be made together with carrying				
25	charges.				

1 Statement Identifying the year of the new lost revenue and prior savings 2 persistence claimed in the LRAMVA disposition 3 In its 2016 COS application (EB-2015-0073), Guelph Hydro received approval to 4 dispose the 2011-2013 LRAMVA balance in the amount of \$302,621, and in its 5 2017 IRM the OEB approved the disposition of the 2014-2015 LRAMVA balance in the amount of \$1,059,595. 6 7 Guelph Hydro is seeking the disposition of 2016 LRAMVA balance and the 2011 to 8 2015 CDM savings persistence in 2016. The 2016 LRAMVA balance requested for 9 disposition as part of this Application is \$634,132 (\$624,120.53 principal and 10 \$10,011.93 interest which includes January 1 to December 31, 2017 interest); 11 Guelph Hydro considers the 2016 LRAMVA balance significant. 12 Through the 2016 CDM savings review and reconciliation exercise undertaken in 13 2017, Guelph Hydro identified a significant number of projects representing up to 14 15GWh that are not reflected in Guelph Hydro's 2016 Final Verified Results. 15 Guelph Hydro is working with the IESO to resolve this issue, and hopes to see a 16 positive outcome reflected against Guelph Hydro's 2015 and 2016 results when the 17 process is finalized. If the IESO modifies the 2016 Final Verified Results during this 18 Application proceeding, Guelph Hydro will update the LRAMVA model with 2015 19 and 2016 CDM savings, including persistence, related to the omitted projects. 20 Statement Confirming LRAMVA was based on Verified Savings Results 21 Guelph Hydro confirms that LRAMVA calculation was based on verified savings 22 results that are supported by the Guelph Hydro's Final Verified Annual CDM Report 23 and Persistence Savings Reports issued by the IESO, presented in this Application 24 as Appendix 3 (in PDF and Excel version). Included in this Appendix are: 25 • 2011 to 2014 Verified Results

2011 to 2014 Verified Adjustments

- 2011 to 2014 Verified Persistence
- 2 015 and 2016 Verified Results
- 2015 Verified Adjustments
 - 2015 (including Adjustments) and 2016 Verified Persistence
- 5 Guelph Hydro has used the most recent input assumptions available at the time of
- 6 the program evaluation when calculating the lost revenue.
- 7 Guelph Hydro has applied interest carrying charges at the Board's prescribed rate.
- 8 Guelph Hydro has not deviated from the OEB's LRAMVA model concept.

Summary of LRAMVA balance requested for disposition

The following table presents the LRAMVA balances requested for disposition:

Table 18 – LRAMVA Claim

1568 LRAMVA 2015 Balances Requested for Disposition						
Customer Classes	Principal Interest Jan. 1 to Dec. 31, 2016		Interest Jan. 1 to Dec. 31, 2017	Total LRAMVA Claim for Disposition in 2018 IRM		
Residential	\$114,836.15	\$578.97	\$1,263.20	\$116,678.31		
GS<50 kW	\$74,126.11	\$373.72	\$815.39	\$75,315.21		
GS 50 to 999 kW	\$66,862.29	\$337.10	\$735.49	\$67,934.88		
GS 1000 to 4999 kW	\$84,052.46	\$423.76	\$924.58	\$85,400.80		
Large Users	\$307,759.47	\$1,551.62	\$3,385.35	\$312,696.45		
Unmetered Scattered	\$0.00	\$0.00	\$0.00	\$0.00		
Sentinel Lighting	\$0.00	\$0.00	\$0.00	\$0.00		
Street Lighting	(\$23,515.95)	(\$118.56)	(\$258.68)	(\$23,893.18)		
Total	\$624,120.53	\$3,146.61	\$6,865.33	\$634,132.47		

Statement: Guelph Hydro is requesting a period of one-year for LRAMVA recovery.

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Details for the forecast CDM savings included in LRAMVA calculation

- 2 Guelph Hydro has followed both the new OEB LRAMVA model and OEB Report
- 3 EB-2016-0182: Updated Policy for the Lost Revenue Adjustment Mechanism
- 4 Calculation: Lost Revenues and Peak Demand Savings from Conservation and
- 5 Demand Management Programs.
- 6 The 1568 LRAMVA balance includes 2016 IESO "Final Verified Results", and
- 7 excludes the 2011 to 2015 balance approved for disposition in 2016 COS (EB-
- 8 2015-0073) and 2017IRM (EB-2016-0075).

As part of the 2016 COS proceedings (EB-2015-0073), Guelph Hydro included a load forecast that accounted for the expected impact of CDM activities, which impact assumed that Guelph Hydro would achieve 27,299,116 kW demand savings in 2016. This is the level of the expected CDM load reduction embedded into 2016 to 2020 distribution rates. The approved amount used for CDM threshold for 2016 LRAMVA is 33,013,333 kW (reference Appendix 2-I of Filling Requirements of Chapter 2 Appendices file, and Settlement Agreement – Appendix E-Settled Load Forecast – OEB file EB-2016-0075, presented as Appendix 4 in this Application). The following table presents the Board-approved CDM threshold per customer class:

Table 19: 2016 CDM Threshold for LRAMVA per Customer Class

2016 LRAMVA Threshold	kWh	kW
Residential	4,365,766	
GS< 50 kW	1,133,691	
GS 50 to 999 kW	3,401,072	8,871
GS 1000 to 4999 kW	728,801	1,546
Large Use	22,538,608	40,432
Unmetered Scattered Load	0	
Sentinel Lighting	0	0
Street Ligting	845,395	2,344
Total	33,013,333	53,193

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- 1 The following table presents the Board-approved Appendix 2-I of Filling
- 2 Requirements Chapter 2 Appendices file:

<u>Table 20 – Appendix 2-I</u>

	2011	2012	2013	2014	2015	2016	Total for 2014	Total for 2016
	2011	2012	2015	2014	kWh	2016	10tal for 2014	10tal for 2016
Amount used for CDM threshold for LRAMVA (2015) - cost	0	0	0	5,078,231			5,078,231	
2012 CDM adjustment (per Board Decision in 2012 Cost of Service Application) - revenue		15,906,000	15,906,000	15,906,000			47,718,000	
Amount used for CDM threshold for LRAMVA (2016)					16,506,667	16,506,667		33,013,333
Manual Adjustment for 2016 Load Forecast (billed basis)	-	-	-	2,539,116	16,506,667	8,253,333		27,299,116
Proposed Loss Factor (TLF) Manual Adjustment for 2016 Load Forecast (system purchased basis)	2.60%	Format: X.XX%		2,605,121	16,935,767	8,467,883		28,008,771

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With respect to the entries in the LRAMVA, the CDM Guidelines specify that distributors must calculate the full year impact of CDM programs on a monthly basis, based on the volumetric impact of the load reductions arising from the CDM measures implemented in that month, multiplied by the distributor's Board-approved variable distribution charge to the customer rate class in which the volumetric variance occurred.

In accordance with the Guidelines for Electricity Distributors (CDM – EE-2012-0003), Guelph Hydro has used the Board-approved volumetric rates. Carrying charges were applied on a monthly basis and are being requested on the lost revenue amount.

The 2016 Board-Approved distribution rates are presented below:

<u>Table 21 – 2016 Distribution Volumetric Rates</u>

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		January 1 to December 31, 2016 Rates EB-2015-0073
Customer Classes	UM	Distribution Volumetric Rate
Residential	kWh	\$0.0144
GS<50 kW	kWh	\$0.0137
GS 50 to 999 kW	kW	\$2.6971
GS 1000 to 4999 kW	kW	\$2.9942
Large Users	kW	\$2.6901
Unmetered Scattered Loads	kWh	\$0.0218
Sentinel Lighting	kW	\$8.1829
Street Lighting	kW	\$10.0324

The 2016 forecast savings are presented in the following table:

Table 22 – 2016 CDM Forecast

Customer Classes	2016 Forecast CDM Savings [\$]
Residential	(\$62,867.03)
GS<50 kW	(\$15,531.57)
GS 50 to 999 kW	(\$23,925.97)
GS 1000 to 4999 kW	(\$4,629.03)
Large Users	(\$108,766.12)
Unmetered Scattered Loads	\$0.00
Sentinel Lighting	\$0.00
Street Lighting	(\$23,515.95)
TOTAL	(\$239,235.67)

Rationale confirming how the rate class allocations for actual CDM savings were determined

Guelph Hydro has considered the IESO's 2016 Final Verified Results, and year-over-year persistence as presented in Appendix 3 2011 to 2016 IESO's CDM

2 balances from January 1, 2016 to December 31, 2016 and an estimated interest 3 rate of 1.10% was applied from January 1 to December 31, 2017 (this estimated 4 interest rate reflects the Q1 to Q3 2017 actual prescribed interest rate). In accordance with the OEB's Report on Updated Policy for the Lost Revenue 5 6 Adjustment Mechanism calculation: Lost Revenues and Peak Demand Savings 7 from Conservation and Demand Management Programs (the "Report") issued on 8 May 19, 2016, Guelph Hydro has excluded Demand Response results from the 9 2016 LRAMVA balance calculation. Guelph Hydro did not have any Building 10 Commissioning programs participants for which the Report indicated that only 11 summer months to be taken in consideration for the demand savings calculation. 12 For CDM programs that are designed and designated for specific customer 13 segments or rate classes, LRAMVA allocations for CDM savings are allocated 14 directly to those specific rate classes. For example, the saveONenergy "Coupon" and "Heating and Cooling" Programs are designated as residential programs, 15 16 while the saveONenergy "Small Business Lighting" (SBL) program by definition 17 limits eligibility to those customers with a demand of less than 100 kW. CDM "Coupon" and "Heating and Cooling" program savings will be allocated 100% to 18 19 the residential rate class, while SBL savings will be allocated to either the general 20 service less than 50 kW (GS<50), or the general service 50 kW to 999 kW 21 (GS<1MW) rate class, based on the actual GS<50 and GS<1MW customer 22 participant mix for the year in question. For programs with more limited customer 23 participation, such as the Process & Systems Upgrades Program (PSUP), the 24 CDM savings for LRAM allocations are directly to those specific rate classes, in 25 this case typically Large User (LU) or general service 1,000 to 4,999 kW 26 (GS<5MW) rate class. For other programs, such as Retrofit that could have 27 participants from multiple rate classes, Guelph Hydro analyzes the actual 28 customer participation to calculate percent allocations based on based on both 29 energy and demand savings, and then uses the appropriate percent allocation

Results. The prescribed interest rate of 1.10% was applied on LRAMVA monthly

depending on whether the customer rate class's distribution charge is energy based or demand based. A summary of the 2016 Final Verified Results rate class allocation by percent for Retrofit programs is presented in Table 23 below, as well as filed in Tab 3-a of the LRAMVA workform.

Table 23 – Guelph Hydro 2016 Final Verified Results - Rate Class Allocation

GHESI Rate Class Allocation Percent - Retrofit Program - 2016 Final Verified Results				
RATE CLASS	Description	% Allocation based on Energy	% Allocation based on Demand	
Residential	RES	0.0%	0.0%	
GS<50 kW	GS<50	8.1%	11.4%	
GS 50 to 999 kW	GS<1MW	27.8%	31.2%	
GS 1000 to 4999 kW	GS<5MW	33.8%	21.7%	
Large Users	LU	30.2%	35.8%	
Unmetered Scattered Loads	UMSL	0.0%	0.0%	
Sentinel Lighting	SENLT	0.0%	0.0%	
Street Lighting	STLT	0.0%	0.0%	
	Total:	100.0%	100.0%	

Guelph Hydro populated Tab 4. 2011-2014 CDM and Tab 5. 2015-2020 with 2011 to 2016 net energy and peak savings and 2011 to 2015 persistence in 2016.

Only the 2016 Board-Approved distribution rates were filed in Tab 3. Distribution Rates; therefore, the LRAMVA model calculates the 2016 net energy savings and 2011 to 2015 net energy persistence in 2016 using the 2016 Board-approved distribution volumetric rates.

The 2016 actual CDM savings are presented in the following table:

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Table 24 – 2016– Final Verified CDM Savings

Customer Classes	2016 Actual CDM Savings [\$]
Residential	\$177,703.18
GS<50 kW	\$89,657.67
GS 50 to 999 kW	\$90,788.27
GS 1000 to 4999 kW	\$88,681.49
Large Users	\$416,525.60
Unmetered Scattered Loads	\$0.00
Sentinel Lighting	\$0.00
Street Lighting	\$0.00
TOTAL	\$863,356.21

3 Statement - Documentation for Streetlighting Projects

- 4 As noted in LRAMVA Work Form Tab 8, Guelph Hydro did not have any 2016
- 5 Streetlighting projects.

6 OEB-approved programs approved before 2014

- 7 Guelph Hydro does not have Board-approved CDM programs, therefore, a
- 8 separate third party review is not required.
- 9 The proposed LRAMVA rate rider recovery period is one year. Guelph Hydro's
- 10 proposed LRAMVA rate riders are presented below:

1

<u>Table 25 – Proposed LRAMVA Rate Riders</u>

LRAMVA 1568 - Rate Riders - Recovery Period 1 Year

Customer Classes	Unit	LRAMVA rate Riders
Residential	\$/kWh	\$0.0003
GS<50 kW	\$/kWh	\$0.0005
GS 50 to 999 kW	\$/kW	\$0.0642
GS 1000 to 4999 kW	\$/kW	\$0.0811
Large Users	\$/kW	\$0.6189
Unmetered Scattered Loads	\$/kWh	\$0.0000
Sentinel Lighting	\$/kW	\$0.0000
Street Lighting	\$/kW	(\$0.8432)

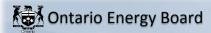
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4. Appendices

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 3 Filed: August 11, 2017

Appendix 1 2018 IRM Rate Generator

(Presented in PDF and Excel format)



Quick Link

Ontario Energy Board's 2018 Electricity Distribution Rates Webpage

				Version	1.0
Utility Name	Guelph Hydro Electric Systems	Inc.			
Assigned EB Number	EB-20170044				
Name of Contact and Title	Cristina Birceanu				
Phone Number	519-837-4735				
Email Address	cbirceanu@guelphhydro.com				
We are applying for rates effective	January-01-18				
Rate-Setting Method	Price Cap IR				
Please indicate in which Rate Year the Group 1 accounts were last cleared 1	2017				
Please indicate the last Cost of Service Re-Basing Year	2016				
<u>Legend</u>					
Pale green cells represent input o	cells.				
Pale blue cells represent drop-dov	wn lists. The applicant should select	the appropriate item fro	om the drop-down list.		
Pale grey cell represent auto-popu	ulated RRR data				
White cells contain fixed values, a	automatically generated values or for	mulae.			



Guelph Hydro Electric Systems Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2016-0075

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge	\$	22.36
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.18)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0098
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable onl for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective	y \$/kWh	(0.0004)
until December 31, 2017	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0030)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 - Applicable only for Class B Customers	\$/kWh	0.0003
•••	**	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25 aca ivionin day, Year

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 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:

"Aboriginal 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 Ontario Energy 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 such other device as may be specified by the Ontario Energy Board;

"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 16 or over;

MONTHLY RATES AND CHARGES

Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
- (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit \$ (30.00)

Class B

- (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 \$28,001 and \$39,000 living in a household of four persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons; but does not include account-holders in Class F.

OESP Credit \$ (34.00)

Class C

- (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 between \$28,001 and \$39,000 living in a household of five persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders in Class G.

OESP Credit \$ (38.00)

Class D

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons; but does not include account-holders in Class H.

OESP Credit \$ (42.00)

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:
- 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 household is an Aboriginal person; or
- 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 \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) 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 I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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)

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge	\$	16.59
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.50)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0139
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0031)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 - Applicable only for Class B Customers	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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.

Service Charge	\$	179.86
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(3.80)
Distribution Volumetric Rate	\$/kW	2.7403
Low Voltage Service Rate	\$/kW	0.0121
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable only for Non-RPP and Non-Wholesale Market Participant Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective	\$/kWh	(0.0004)
until December 31, 2017	\$/kW	0.1279
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 - Applicable only		
for Non-Wholesale Market Participants	\$/kW	(1.0687)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 -	\$/kW	(0.0881)
Applicable only for Class B Customers	\$/kW	0.0986
Retail Transmission Rate - Network Service Rate	\$/kW	2.1758
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.2568
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7001
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7639
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1.000 kW but less than 5.000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

The rate rider for the disposition of Class B WMS - Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2015. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2015. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

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	\$	568.96
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(46.33)
Distribution Volumetric Rate	\$/kW	3.0421
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh (0.2036
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 -	\$/kW ((1.7699)
Applicable only for Class B Customers	\$/kW	0.1306
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.2568
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7639
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011 Year
Standard Supply Service - Administrative Charge (if applicable)	\$, Year 0.25

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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.

Service Charge	\$	1,093.75
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(151.18)
Distribution Volumetric Rate	\$/kW	2.7331
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	1.0107
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.8638)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7254
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1299
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	4.86
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.0221
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 -	\$/kWh	(0.0028)
Applicable only for Class B Customers	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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 - APPROVED ON AN INTERIM BASIS

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	7.51
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.3138
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable of For Non-RPP Customers	only \$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	0.8754
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 - Applicable only for Class B Customers	\$/kW	0.0951
Retail Transmission Rate - Network Service Rate	\$/kW	1.6659
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3017
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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. 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.

Service Charge (per connection)	\$	0.43
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.1929
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.1907)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017 - Applicable only for Class B Customers	\$/kW	0.0943
Retail Transmission Rate - Network Service Rate	\$/kW	2.0044
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5663
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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

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

Incentive Regulation Model for 2018 File 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
Returned Cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit service charge for paperless bill	\$	(10.00)
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	9.00
Disconnect/Reconnect at Meter - during regular hours	\$	20.00
Disconnect/Reconnect at Meter - after regular hours	\$	50.00
Disconnect/Reconnect at Pole - during regular hours	\$	50.00
Disconnect/Reconnect at Pole - after regular hours	\$	95.00
Other		
Service call - customer owned equipment	\$	17.50
Service call - after regular hours	\$	95.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Overhead bond connection - per connection	\$	105.00
Underground bond connection - per connection	\$	100.00

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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	1.0260
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor - Primary Metered Customer > 5.000 kW	1.0036

						2011					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2011	Transactions Debit/ (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments ¹ 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 ¹ during 2011	Closing Interest Amounts as of Dec 31, 2011
Group 1 Accounts											
LV Variance Account	1550					0					C
Smart Metering Entity Charge Variance Account	1551					0					C
RSVA - Wholesale Market Service Charge ⁵	1580					0					C
Variance WMS – Sub-account CBR Class A ⁵	1580					0					C
Variance WMS – Sub-account CBR Class B⁵	1580					0					C
RSVA - Retail Transmission Network Charge	1584					0					C
RSVA - Retail Transmission Connection Charge	1586					0					C
RSVA - Power⁴	1588					0					C
RSVA - Global Adjustment ⁴	1589					0					C
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595					0	0				C
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	(2,331,418)	1,728,425			(602,993)	(102,888)	(22,697)			(125,585)
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595					0					C
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595					0					C
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595					0					C
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595					0					C
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595					0					C
Disposition and Recovery/Refund of Regulatory Balances (2016) ³											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595					0					C
RSVA - Global Adjustment	1589	0	0	(0	0	0	0	0	() (
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,331,418)	1,728,425	(0	(602,993)	(102,888)		0	((125,585)
Total Group 1 Balance		(2,331,418)	1,728,425	(0	(602,993)	(102,888)		0	((125,585)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568						\$0				
Total including Account 1568		(2,331,418)	1,728,425		0	(602,993)	(102,888)	(22,697)	0	() (125,585

						2012					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments ¹ 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 ¹ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	(602,993)	628,679			25,686	(125,585)	(629)			(126,214)
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0	2,966,924	2,922,377		44,547	0	(28,413)	(541,550)		513,137
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	C	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(602,993)	3,595,603	2,922,377	0	70,233	(125,585)	(29,042)	(541,550)	C	386,923
Total Group 1 Balance		(602,993)	3,595,603	2,922,377	0	70,233	(125,585)	(29,042)	(541,550)	C	386,923
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		(602,993)	3,595,603	2,922,377	0	70,233	(125,585)	(29,042)	(541,550)	C	386,923

						2013					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments ¹ 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 ¹ during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	25,686	(1,175)			24,511	(126,214)	460			(125,754)
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	44,547	(40,742)		1,131,481	1,135,286	513,137	14,798			527,935
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	C	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		70,233	(41,917)	0	1,131,481	1,159,797	386,923	15,258	0	C	402,181
Total Group 1 Balance		70,233	(41,917)	0	1,131,481	1,159,797	386,923	15,258	0	C	402,181
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		70,233	(41,917)	C	1,131,481	1,159,797	386,923	15,258	0		402,181

						2014					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments ¹ 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 ¹ during 2014	Closing Interest Amounts as of Dec 31, 2014
Group 1 Accounts											
LV Variance Account	1550	0			92,314	92,314	0			671	671
Smart Metering Entity Charge Variance Account	1551	0			43,988	43,988	0			1,580	1,580
RSVA - Wholesale Market Service Charge ⁵	1580	0			(1,074,582)	(1,074,582)	0			14,544	14,544
Variance WMS – Sub-account CBR Class A ⁵	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B⁵	1580	0			0	0	0			0	0
RSVA - Retail Transmission Network Charge	1584	0			715,105	715,105	0			(8,217)	(8,217)
RSVA - Retail Transmission Connection Charge	1586	0			178,038	178,038	0			(5,886)	(5,886)
RSVA - Power ⁴	1588	0			202,095	202,095	0			138	138
RSVA - Global Adjustment ⁴	1589	0			8,113,221	8,113,221	0			79,626	79,626
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	0				0	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	24,511	89	25,686		(1,086)	(125,754)	(74)	(126,025)		197
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	1,135,286				1,135,286	527,935	16,689			544,624
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	3,135,998	2,822,103		313,895	0	(40,003)	351,100		(391,103)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	O	0	8,113,221	8,113,221	0	0	0	79,626	79,626
Total Group 1 Balance excluding Account 1589 - Global Adjustment		1,159,797	3,136,087			1,605,053	402,181	(23,388)	225,075	2,831	156,548
Total Group 1 Balance		1,159,797	3,136,087	2,847,789	8,270,178	9,718,274	402,181	(23,388)	225,075	82,457	236,174
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			912,188	912,188	0			18,920	18,920
Total including Account 1568		1,159,797	3,136,087	2,847,789	9,182,366	10,630,462	402,181	(23,388)	225,075	101,377	255,094

		2015										
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments ¹ during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31. 2015	OEB-Approved Disposition during 2015	Interest Adjustments ¹ during 2015	Closing Interest Amounts as of Dec 31, 2015	
Group 1 Accounts												
LV Variance Account	1550	92,314	108,497	17,489		183,322	671	1,395	168		1,898	
Smart Metering Entity Charge Variance Account	1551	43,988	(39,205)	62,203		(57,421)	1,580	(245)	1,616		(282)	
RSVA - Wholesale Market Service Charge ⁵	1580	(1,074,582)	(3,881,395)	(961,981)		(3,993,997)	14,544	(14,950)	6,615		(7,022)	
Variance WMS – Sub-account CBR Class A ⁵	1580	0	92,932			92,932	0	287			287	
Variance WMS – Sub-account CBR Class B ⁵	1580	0	350,955			350,955	0	1,169			1,169	
RSVA - Retail Transmission Network Charge	1584	715,105	(978,909)	517,305		(781,110)	(8,217)	104	(11,516)		3,403	
RSVA - Retail Transmission Connection Charge	1586	178,038	(433,382)	(112,262)		(143,081)	(5,886)	2,766	(8,634)		5,514	
RSVA - Power ⁴	1588	202,095	(1,091,870)	861,186		(1,750,962)	138	(5,516)	(1,463)		(3,915)	
RSVA - Global Adjustment ⁴	1589	8,113,221	(347,498)	4,829,630		2,936,093	79,626	46,193	87,698		38,120	
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	0				0	0				0	
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	(1,086)		(1,175)		89	197		254		(57)	
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0				0	0				0	
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	1,135,286		1,135,286		0	544,624		544,624		0	
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0		, ,		0	0		·		0	
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	313,895	56,659			370,555	(391,103)	4,561			(386,542)	
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	(6,317,168)			30,526	0	36,518	(618,186)		654,704	
Disposition and Recovery/Refund of Regulatory Balances (2016) ³												
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0	
RSVA - Global Adjustment	1589	8,113,221	(347,498)		0	_,000,000	79,626	•		(38,120	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		1,605,053	(12,132,887)	(4,829,643)	0	(5,698,192)	156,548	26,089	(86,522)	(269,159	
Total Group 1 Balance		9,718,274	(12,480,386)	(13)	0	(2,762,099)	236,174	72,281	1,176	(307,279	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	912,188	645,351			1,557,539	18,920	14,181			33,101	
Total including Account 1568		10,630,462	(11,835,035)	(13)	0	(1,204,560)	255,094	86,462	1,176	(340,380	

						2016					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments ¹ during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments ¹ during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	183,322	81,769	74,826		190,265	1,898	1,643	1,396		2,145
Smart Metering Entity Charge Variance Account	1551	(57,421)	(20,636)	(18,216)		(59,841)	(282)	(527)	(254)		(555)
RSVA - Wholesale Market Service Charge ⁵	1580	(3,993,997)	(1,627,076)	(112,601)		(5,508,471)	(7,022)	(50,539)	6,586		(64,147)
Variance WMS – Sub-account CBR Class A ⁵	1580	92,932	(92,932)			0	287	(287)			0
Variance WMS – Sub-account CBR Class B⁵	1580	350,955	(62,618)			288,337	1,169	3,384			4,553
RSVA - Retail Transmission Network Charge	1584	(781,110)	(641,049)	197,800		(1,619,959)	3,403	(12,945)	5,657		(15,199)
RSVA - Retail Transmission Connection Charge	1586	(143,081)	(258,199)	290,300		(691,581)	5,514	(4,704)	6,210		(5,400)
RSVA - Power⁴	1588	(1,750,962)	1,189,276	(659,091)	(2,220,295)	(2,122,889)	(3,915)	(29,122)	(6,258)		(26,779)
RSVA - Global Adjustment ⁴	1589	2,936,093	1,010,674	3,283,591	2,275,289	2,938,465	38,120	39,045	31,085		46,080
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	89		89		0	(57)	0	(56)		(1)
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	370,555	31	313,895		56,690	(386,542)	911	(387,360)		1,729
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	30,526	(97,851)			(67,325)	654,704	(888)			653,816
Disposition and Recovery/Refund of Regulatory Balances (2016) ³											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0	(2,181,664)	(3,096,832)		915,168	0	20,642	364,632		(343,990)
RSVA - Global Adjustment	1589	2,936,093	1,010,674		2,275,289	2,938,465	38,120	•		(,
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(5,698,192)	(3,710,949)	(3,009,830)	(2,220,295)	(8,619,606)	269,159	(72,432)		(206,174
Total Group 1 Balance		(2,762,099)	(2,700,275)	273,761	54,994	(5,681,140)	307,279	(33,387)	21,638	() 252,254
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,557,539	624,121	288,941	(239,788)	1,652,930	33,101	14,464	13,680	47	33,931
Total including Account 1568		(1,204,560)	(2,076,154)	562,702	(184,794)	(4,028,210)	340,380	(18,923)	35,318	47	7 286,186

	2017					Projected Interest on De			
Account Descriptions	Account Number	Principal Disposition during 2017 - instructed by OEB	Interest Disposition during 2017 - instructed by OEB	Balances as of Dec 31,	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition in 2017	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31, 2016 balance adjusted for disposition during 2017 ²	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31, 2016 balance adjusted for disposition during 2017 ²	Total Interest	
Group 1 Accounts									
LV Variance Account	1550	108,497	1,696	81,768	449	899		1,348	
Smart Metering Entity Charge Variance Account	1551	(39,205)	(459)	(20,636)	(96)	(227)		(323)	
RSVA - Wholesale Market Service Charge ⁵	1580	(3,881,395)	(56,303)	(1,627,076)	(7,844)	(17,898)		(25,742)	
Variance WMS – Sub-account CBR Class A ⁵	1580	0	C	0	0	0		0	
Variance WMS – Sub-account CBR Class B ⁵	1580	350,955	5,029	(62,618)	(476)	(689)		(1,165)	
RSVA - Retail Transmission Network Charge	1584	(978,909)	(13,022)		(2,177)	(7,052)		(9,229)	
RSVA - Retail Transmission Connection Charge	1586	(433,382)	(5,463)	(258,199)	63	(2,840)		(2,777)	
RSVA - Power ⁴	1588	(1,091,870)	(9,667)	(1,031,019)	(17,112)	(11,341)		(28,453)	
RSVA - Global Adjustment ⁴	1589	(347,498)	3,213	3,285,963	42,867	36,146		79,013	
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	0		0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	0	(1)	0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	0		0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0		0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0		0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	56,659	1,441	31	288	0		288	
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	30,526	655,040		(1,224)	(1,076)		(2,300)	
Disposition and Recovery/Refund of Regulatory Balances (2016) ³ Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595			915,168	(343,990)			(343,990)	
RSVA - Global Adjustment	1589	(347,498)	3,213	3,285,963	42,867	36,146	0	79,013	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(5,878,124)	578,291		(372,117)	(40,224)	0	(412,341)	
Total Group 1 Balance		(6,225,622)	581,504		(329,250)	(4,078)	0	(333,328)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,028,810	30,785	624,120	3,146	6,865		10,012	
Total including Account 1568		(5,196,812)	612,289	1,168,602	(326,103)	2,787	0	(323,316)	

		alances	2.1.7 RRR	
Account Descriptions	Account Number	Total Claim	As of Dec 31, 2016	Variance RRR vs. 2016 Balance (Principal + Interest)
Group 1 Accounts				
LV Variance Account	1550	83,117	192,410	(1)
Smart Metering Entity Charge Variance Account	1551	(20,959)	(60,397)	(0)
RSVA - Wholesale Market Service Charge ⁵	1580	(1,652,818)	(5,279,729)	292,889
Variance WMS – Sub-account CBR Class A ⁵	1580	0	10,010	10,010
Variance WMS – Sub-account CBR Class B⁵	1580	(63,783)	326,573	33,684
RSVA - Retail Transmission Network Charge	1584	(650,279)	(1,635,158)	(0)
RSVA - Retail Transmission Connection Charge	1586	(260,975)	(696,981)	(1)
RSVA - Power⁴	1588	(1,059,472)	(2,149,668)	(0)
RSVA - Global Adjustment ⁴	1589	3,364,977	2,929,550	(54,996)
Disposition and Recovery/Refund of Regulatory Balances (2009) ³	1595	Check to Dispose of Account 0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ³	1595	Check to Dispose of Account 0	0	1
Disposition and Recovery/Refund of Regulatory Balances (2011) ³	1595	Check to Dispose of Account 0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	Check to Dispose of Account 0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	Check to Dispose of Account 0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	Check to Dispose of Account 0	58,419	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	Check to Dispose of Account (100,151)	586,491	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³		Check to Dispose of Account		
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0	571,178	(0)
RSVA - Global Adjustment	1589	3,364,977	2,929,550	(54,996)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(3,725,320)	(8,413,434)	(2)
Total Group 1 Balance		(360,344)	(5,483,884)	(54,998)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	634,132	1,678,319	(8,543)
Total including Account 1568		273,788	(3,805,565)	(63,541)



Data on this worksheet has been populated using your most recent RRR filing.

Click on the checkbox to confirm the accuracy of the data below:

If you have identified any issues, please contact the OEB.

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non RPP Customers (excluding WMP)	Metered kWh 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) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	372,118,500	0	17,186,937	0	0	0	372,118,500	0	38%	116,678	49,793
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	138,048,218	0	23,051,486	0	0	0	138,048,218	0	10%	75,315	4,033
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kW	390,374,748	1,058,626	355,988,553	980,851	6,756,580	11865.08008	383,618,168	1,046,761	27%	67,935	
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kW	537,008,520	1,052,467	537,008,520	1,052,467	0	0	537,008,520	1,052,467	14%	85,401	
LARGE USE SERVICE CLASSIFICATION	kW	225,323,721	505,278	225,323,721	505,278	0	0	225,323,721	505,278	10%	312,696	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,915,482	0	12,096	0	0	0	1,915,482	0	0%	0	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0		0	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	18,188	51	2,234	6	0	0	18,188	51	0%	0	
STREET LIGHTING SERVICE CLASSIFICATION	kW	10,194,769	28,337	10,194,769	28,337	0	0	10,194,769	28,337	0%	-23,893	
	Total	1.675.002.146	2.644.759	1.168.768.316	2.566,938	6.756.580	11.865	1.668.245.566	2.632.894	100%	634.132	53.826

Threshold Test

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

Threshold Test (Total claim per kWh) ²

As per Section 3.2.5 or the 2018 Filling Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

\$273,788 (\$360,344)

(\$0.0002) Claim does not meet the threshold test.



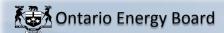
1568 Account Balance from Continuity Schedule 634,132

Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule

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

² The Threshold Test does not include the amount in 1568.

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



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)

5.4.5		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP		
Rate Class	% of Total kWh	Numbers **	WMP	1550	1551	1580	1584	1586	1588	1595_(2015)	1568
RESIDENTIAL SERVICE CLASSIFICATION	22.2%	92.5%	22.3%	18,465	(19,389)	(368,677)	(144,466)	(57,978)	(236,326)	(38,134)	116,678
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	8.2%	7.5%	8.3%	6,850	(1,570)	(136,772)	(53,594)	(21,509)	(87,672)	(10,164)	75,315
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	23.3%	0.0%	23.0%	19,371	0	(380,070)	(151,553)	(60,823)	(243,629)	(26,860)	67,935
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	32.1%	0.0%	32.2%	26,647	0	(532,042)	(208,480)	(83,669)	(341,044)	(14,371)	85,401
LARGE USE SERVICE CLASSIFICATION	13.5%	0.0%	13.5%	11,181	0	(223,240)	(87,476)	(35,107)	(143,099)	(10,025)	312,696
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	95	0	(1,898)	(744)	(298)	(1,216)	(210)	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	1	0	(18)	(7)	(3)	(12)	(16)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.6%	0.0%	0.6%	506	0	(10,100)	(3,958)	(1,588)	(6,475)	(372)	(23,893)
Total	100.0%	100.0%	100.0%	83,117	(20,959)	(1,652,818)	(650,279)	(260,975)	(1,059,472)	(100,151)	634,132

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



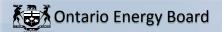
		Customer	Rate Class		20 January to June	July to December
		Transition Customers - N	Ion-loss Adjusted Billing Determinants by Customer	T	20	16
Ba	Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.	4				
?b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. 2015 and 2016 or 2016).		(e.g. If there was no disposition of the CBR Class B balance as at December 31, 2015, the period the CBR Class B variance accumulated would be 2015 and 2016.)			
2 a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from year after the balance was last disposed to 2016)?		(e.g. If you received approval to dispose the GA variance account balance as at December 31, 2014, the period the GA variance accumulated would be 2015 and 2016.)			
	Please enter the Year the Account 1589 GA Balance was Last Disposed.	2015	(e.g. If in the 2016 EDR process, you received approval 2014, enter 2014.)	to dispose the GA varia	nce account balance a	s at December 31,

			20	16
Customer	Rate Class		January to June	July to December
Customer 1	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	13,050,764	14,126,146
		kW	28,838	30,037
		Class A/B	В	А
Customer 2	LARGE USE SERVICE CLASSIFICATION	kWh	11,532,775	11,128,521
		kW	40,084	43,146
		Class A/B	Α	В
Customer 3	LARGE USE SERVICE CLASSIFICATION	kWh	18,214,366	5,799,216
		kW	28,962	15,137
		Class A/B	Α	В
Customer 4	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	6,667,846	6,764,635
		kW	16,663	17,069
		Class A/B	Α	В

Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).

Class A Customers - Billing Determinants by Customer

Customer	Rate Class		2016
Customer A1	LARGE USE SERVICE CLASSIFICATION	kWh	97,594,143
		kW	194,366
Customer A2	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	28,381,068
		kW	56,533
Customer A3	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	39,286,564
		kW	59,336
Customer A4 GENERAL SERVIC	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	22,280,279
		kW	48,440
Customer A5 GENERA	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	23,644,309
		kW	38,695
Customer A6	LARGE USE SERVICE CLASSIFICATION	kWh	41,410,832
		kW	70,994
Customer A7	LARGE USE SERVICE CLASSIFICATION	kWh	39,643,868
		kW	66,463
Customer A8	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	24,916,421
		kW	40,663
Customer A9	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	22,273,557
		kW	40,113
Customer A10	GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	29,212,116
		kW	47,293



The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.

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)

Default Rate Rider Recovery Period (in months)	12.00
Proposed Rate Rider Recovery Period (in	
months)	12.00

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2016 Consumption excluding WMP	Total Metered 2016 Consumption for Class A Customers that were Class A for the entire period GA blance accumulated	Total Metered 2016 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	17,186,937	0	0	17,186,937	2.4%	\$77,154	\$0.0045	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	23,051,486	0	0	23,051,486	3.2%	\$103,481	\$0.0045	kWh
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kWh	355,988,553	0	0	355,988,553	49.9%	\$1,598,077	\$0.0045	kWh
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	537,008,520	189,994,312	40,609,391	306,404,817	43.0%	\$1,375,490	\$0.0045	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	225,323,721	178,648,843	46,674,878	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	12,096	0	0	12,096	0.0%	\$54	\$0.0045	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	2,234	0	0	2,234	0.0%	\$10	\$0.0045	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	10,194,769	0	0	10,194,769	1.4%	\$45,766	\$0.0045	kWh
	Total	1.168.768.316	368.643.155	87.284.269	712.840.892	100.0%	\$3,200,032		



This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year of the Account 1589 GA Balance Last Disposed

2015

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

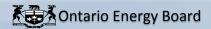
		Total	2016
Total Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial and full year)	A	749,584,028	749,584,028
All Class B Consumption (i.e. full year or partial year) for Transition Customers	В	36,743,136	36,743,136
Transition Customers' Portion of Total Consumption	C=B/A	4.90%	

Allocation of Total GA Balance \$

Total GA Balance	D	\$ 3,364,977
Transition Customers Portion of GA Balance	E=C*D	\$ 164,945
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	F=D-E	\$ 3,200,032

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	4				
Customer	for Transition Customers During the Period They Were Class B	Metered Consumption (kWh) for Transition Customers During the Period They Were Class B Customers in 2016		•	Monthly Equal Payments
Customer 1	13,050,764	13,050,764	35.52%	\$ 58,587	\$ 4,882
Customer 2	11,128,521	11,128,521	30.29%	\$ 49,957	\$ 4,163
Customer 3	5,799,216	5,799,216	15.78%	\$ 26,033	\$ 2,169
Customer 4	6,764,635	6,764,635	18.41%	\$ 30,367	\$ 2,531
Total	36,743,136	36,743,136	100.00%	\$ 164,945	



The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year(s) in which CBR Class B Balance accumulated in Cell B13.

2016

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

				Total Metered 2016 Consumption for Class A customers that were Class A for the entire period CBR Class B balance accumulated Total Metered 2016 Consumption for Customers Metered Consumption for Current Class B that Transitioned Between Class A and B during the period CBR Class B balance accumulated Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)					ESS WMP, Class	% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	372,118,500	0	0	0	0	0	372,118,500	0	30.7%	(\$18,618)	-\$0.0001	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	138,048,218	0	0	0	0	0	138,048,218	0	11.4%	(\$6,907)	-\$0.0001	kWh
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kWh	383,618,168	1,046,761	0	0	0	0	383,618,168	1,046,761	31.6%	(\$19,194)	-\$0.0183	kW
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kWh	537,008,520	1,052,467	189,994,312	331,075	40,609,391	92,607	306,404,817	628,785	25.3%	(\$15,331)	-\$0.0244	kW
LARGE USE SERVICE CLASSIFICATION	kWh	225,323,721	505,278	178,648,843	331,823	46,674,878	127,329	0	46,126	0.0%	(\$0)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,915,482	0	0	0	0	0	1,915,482	0	0.2%	(\$96)	-\$0.0001	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	18,188	51	0	0	0	0	18,188	51	0.0%	(\$1)	-\$0.0179	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	10,194,769	28,337	0	0	0	0	10,194,769	28,337	0.8%	(\$510)	-\$0.0180	kW
	Total	1,668,245,566	2,632,894	368,643,155	662,898	87,284,269	219,936	1,212,318,142	1,750,060	100.0%	(\$60,657)		



This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year(s) in which CBR Class B Balance accumulated	2016	(Note: Account 1580, Sub-account CBR Class B was established starting in 2015
--	------	---

Allocation of total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2016
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial and full year)	А	749,584,028	749,584,028
All Class B Consumption (i.e. full year or partial year) for Transition Customers	В	36,743,136	36,743,136
Transition Customers' Portion of Total Consumption	C=B/A	4.90%	712,840,891

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	D	-\$	63,783
Transition Customers Portion of CBR Class B Balance	E=D*C	-\$	3,127
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	F=D-E	-\$	60,657

Allocation of CBR Class B Balances to Transition Customers

Allocation of CBR Class B balances to Transition Custome	3					
# of Class A/B Transition Customers		4				
Customer		Consumption (kWh) for Transition	Metered Class B Consumption (kWh) for Transition Customers During the Period They were Class B Customers in 2016	% of kWh	Customer Specific CBR Class B Allocation During the Period They Were a Class B Customer	Monthly Equal Payments
Customer 1		13,050,764	13,050,764	35.52%	-\$ 1,111	-\$ 93
Customer 2		11,128,521	11,128,521	30.29%	-\$ 947	-\$ 79
Customer 3		5,799,216	5,799,216	15.78%	-\$ 493	-\$ 41
Customer 4		6,764,635	6,764,635	18.41%	-\$ 576	-\$ 48
Total		36,743,136	36,743,136	100.00%	-\$ 3,127	-\$ 261



Input required at cell C13 only. This worksheet 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)
Proposed Rate Rider Recovery Period (in months)

12	
12	Rate Rider Recovery to be used below

							Allocation of Group 1		Deferral/Variance		
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for		
		Total Metered	Metered kW	kWh less WMP	kW less WMP	Account Balances to All	WMP Classes Only (If	Account Rate	Non-WMP	Account 1568	
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes 2	Applicable) ²	Rider ²	(if applicable) 2	Rate Rider	Revenue Reconcilation 1
RESIDENTIAL SERVICE CLASSIFICATION	kWh	372,118,500	0	372,118,500	0	(846,504)		(0.0023)	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	138,048,218	0	138,048,218	0	(304,430)		(0.0022)	0.0000	0.0005	
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kW	390,374,748	1,058,626	383,618,168	1,046,761	(219,865)	(623,699)	(0.2077)	(0.5958)	0.0642	
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kW	537,008,520	1,052,467	537,008,520	1,052,467	(1,152,960)		(1.0955)	0.0000	0.0811	
LARGE USE SERVICE CLASSIFICATION	kW	225,323,721	505,278	225,323,721	505,278	(487,766)		(0.9653)	0.0000	0.6189	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,915,482	0	1,915,482	0	(4,271)		(0.0022)	0.0000	0.0000	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	18,188	51	18,188	51	(55)		(1.0821)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	10,194,769	28,337	10,194,769	28,337	(21,987)		(0.7759)	0.0000	(0.8432)	

(3,661,537.11)

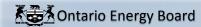
¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

² 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 G and disposed through a combined Deferral/Variance Account and Rate Rider.



Summary - Sharing of Tax Change Forecast Amounts

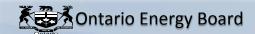
For the 2016 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)	199,000	
1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2016	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	151,391,730	\$ 151,391,730
Deduction from taxable capital up to \$15,000,000	\$ -	\$ -
Net Taxable Capital	\$ 151,391,730	\$ 151,391,730
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	\$ 2,671,866	\$ 2,671,866
Corporate Tax Rate	26.50%	26.50%
Tax Impact	\$ 509,044	\$ 509,044
Grossed-up Tax Amount	\$ 692,577	\$ 692,578
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 692,577	\$ 692,578
Total Tax Related Amounts	\$ 692,577	\$ 692,578
Incremental Tax Savings		\$ 0
Sharing of Tax Amount (50%)		\$ 0



Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H. As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Service Charge D	Re-based Distribution Volumetric Rate kWh E	Re-based Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue kWh L = H / J	Distribution Volumetric Rate % Revenue kW M = I / J	Total % Revenue N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh	50,242	386,643,528		18.93	0.0144		11,412,931	5,567,667	0	16,980,598	67.2%	32.8%	0.0%	57.4%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	4,101	152,157,763		16.33	0.0137		803,606	2,084,561	0	2,888,168	27.8%	72.2%	0.0%	9.8%
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kW	567	401,243,062	1,046,605	177.03		2.6971	1,205,209	0	2,822,797	4,028,007	29.9%	0.0%	70.1%	13.6%
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kW	42	564,253,257	1,196,727	560.00		2.9942	280,941	0	3,583,241	3,864,182	7.3%	0.0%	92.7%	13.1%
LARGE USE SERVICE CLASSIFICATION	kW	5	278,656,832	499,880	1076.53		2.6901	59,391	0	1,344,728	1,404,119	4.2%	0.0%	95.8%	4.7%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	545	1,700,939		4.78	0.0218		31,268	37,080	0	68,348	45.7%	54.3%	0.0%	0.2%
STANDBY POWER SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	6	21,457	60	7.39		8.1829	532	0	493	1,025	51.9%	0.0%	48.1%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW	14,172	9,628,070	26,693	0.42		10.0324	71,427	0	267,795	339,222	21.1%	0.0%	78.9%	1.1%
Total		69,680	1,794,304,908	2,769,965				13,865,306	7,689,309	8,019,053	29,573,668				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	372,118,500		0	0.00	\$/customer	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	138,048,218		0	0.0000	kWh	
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kW	390,374,748	1,058,626	0	0.0000	kW	If the allocated tax sharing amount does not produce a rate rider in one
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kW	537,008,520	1,052,467	0	0.0000	kW	or more rate class (except for the Standby rate class), a distributor is
LARGE USE SERVICE CLASSIFICATION	kW	225,323,721	505,278	0	0.0000	kW	required to transfer the entire OEB-approved tax sharing amount into
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,915,482		0	0.0000	kWh	account 1595 for disposition at a later date (see Filing Requirements,
STANDBY POWER SERVICE CLASSIFICATION	kW			0	0.0000	kW	Appendix B)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	18,188	51	0	0.0000	kW	
STREET LIGHTING SERVICE CLASSIFICATION	kW	10,194,769	28,337	0	0.0000	kW	
Total	•	1,675,002,146	2,644,759	\$0			



Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

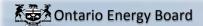
Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057	372,118,500	0	1.0260	381,793,581
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046	372,118,500	0	1.0260	381,793,581
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0052	138,048,218	0	1.0260	141,637,472
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040	138,048,218	0	1.0260	141,637,472
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1758	329,153,616	892,605		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.2568	61,221,132	166,021		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7001	329,153,616	892,605		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metere	d \$/kW	1.7639	61,221,132	166,021		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.2568	537,008,520	1,052,467		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metere	d \$/kW	1.7639	537,008,520	1,052,467		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7254	225,323,721	505,278		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metere	d \$/kW	2.1299	225,323,721	505,278		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0052	1,915,482	0	1.0260	1,965,285
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040	1,915,482	0	1.0260	1,965,285
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6659	18,188	51		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3017	18,188	51		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0044	10,194,769	28,337		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5663	10,194,769	28,337		

Non-Loss

Non-Loss



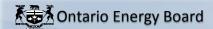
Uniform Transmission Rates	Unit			2016			2017	2018
Rate Description				Rate			Rate	Rate
Network Service Rate	kW	\$			3.66	\$	3.66	\$ 3.66
Line Connection Service Rate	kW	\$			0.87	\$	0.87	\$ 0.87
Transformation Connection Service Rate	kW	\$			2.02	\$	2.02	\$ 2.02
Hydro One Sub-Transmission Rates	Unit			2016			2017	2018
Rate Description		Jar	uary - 2016	February Rate	y - December 2016		Rate	Rate
Network Service Rate	kW	\$	3.4121	\$	3.3396	\$	3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7879	\$	0.7791	\$	0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.8018	\$	1.7713	\$	1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5897	\$	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)	\$		H	istorical 2	016	(Current 2017	Forecast 2018



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.

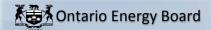
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered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

IESO Month	Units Billed	Network Rate	Amount	Lii Units Billed	ne Connect Rate	tion Amount	Transfo Units Billed	rmation Cor Rate	nnection Amount	Total Connec	
January	255,370	\$3.66	\$ 934,654	267,752	\$0.87	\$ 232,944	247,118	\$2.02	\$ 499,178		2,123
February	249,983	\$3.66	\$ 914,938	260,745	\$0.87	\$ 226,848	260,701	\$2.02	\$ 526,616		3,464
March	245,868	\$3.66	\$ 899,877	246,745	\$0.87	\$ 214,668	246,701	\$2.02	\$ 498,336		3,004
April May	242,229 241,261	\$3.66 \$3.66	\$ 886,558 \$ 883,015	260,723 255,009	\$0.87 \$0.87	\$ 225,903 \$ 221,858	244,517	\$2.01 \$2.02	\$ 490,921 \$ 475,726		6,824 7,584
June	267,152	\$3.66	\$ 977,776	274,272	\$0.87	\$ 238,617	235,508 251,589	\$2.02	\$ 508,210	•	6,826
July	265,243	\$3.66	\$ 970,789	276,578	\$0.87	\$ 240,623	252,489	\$2.02	\$ 510,028		0,651
August	271,714	\$3.66	\$ 994,473	285,620	\$0.87	\$ 248,489	260,035	\$2.02	\$ 525,271	•	3,760
September	284,490	\$3.66	\$ 1,041,233	291,886	\$0.87	\$ 253,941	265,827	\$2.02	\$ 536,971	•	0,911
October	223,501	\$3.66	\$ 818,014	240,844	\$0.87	\$ 209,534	219,624	\$2.02	\$ 443,640	•	3,175
November	238,608	\$3.66	\$ 873,305	248,713	\$0.87	\$ 216,380	228,043	\$2.02	\$ 460,647		7,027
December	253,283	\$3.66	\$ 927,016	259,689	\$0.87	\$ 225,929	239,383	\$2.02	\$ 483,554	\$ 709	9,483
Total	3,038,702	3.66	\$ 11,121,649	3,168,576	\$ 0.87	\$ 2,755,735	2,951,535	\$ 2.02	\$ 5,959,098	\$ 8,714	4,832
Hydro One	0,000,702	Network	Ψ 11,121,010		ne Connect			rmation Cor		Total Connec	
											tion
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	3,838	\$3.4121	\$ 13,096	3,987	\$0.7879	\$ 3,142	3,987	\$1.8018	\$ 7,185	\$ 10	0,326
February	3,704	\$3.3396	\$ 12,371	3,965	\$0.7791	\$ 3,089	3,965	\$1.7713	\$ 7,023	\$ 10	0,112
March	3,654	\$3.3396	\$ 12,202	3,654	\$0.7791	\$ 2,847	3,654	\$1.7713	\$ 6,472		9,319
April	2,949	\$3.3396	\$ 9,848	3,471	\$0.7791	\$ 2,704	3,471	\$1.7713	\$ 6,147		3,851
May	3,801	\$3.3396	\$ 12,693	4,379	\$0.7791	\$ 3,411	4,379	\$1.7713	\$ 7,756		1,167
June	4,834	\$3.3396	\$ 16,143	4,834	\$0.7791	\$ 3,766	4,834		\$ 8,562		2,329
July	5,166	\$3.3396	\$ 17,254	5,166	\$0.7791	\$ 4,025	5,166	\$1.7713	\$ 9,151	\$ 13	3,177
August	5,318	\$3.3396	\$ 17,760	5,318	\$0.7791	\$ 4,143	5,318	\$1.7713	\$ 9,420	\$ 13	3,563
September	5,045	\$3.3396	\$ 16,847	5,045	\$0.7791	\$ 3,930	5,045	\$1.7713	\$ 8,935		2,866
October	3,057	\$3.3396	\$ 10,209	3,342	\$0.7791	\$ 2,604	3,342	\$1.7713	\$ 5,919	\$ 8	3,523
November	3,530	\$3.3396	\$ 11,789	3,787	\$0.7791	\$ 2,950	3,787		\$ 6,708		9,658
December	4,122	\$3.3396	\$ 13,766	4,182	\$0.7791	\$ 3,258	4,182	\$1.7713	\$ 7,408	\$ 10	0,666
Total	49,018	3.3453	\$ \$ 163,978	51,129	\$ 0.7798	\$ 39,870	51,129	\$ 1.7737	\$ 90,686	\$ 130	0,556
Add Extra Host Here (I)		Network		Li	ne Connect	tion	Transfo	rmation Cor	nnection	Total Connec	tion
(if needed) Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
WOITH	Onits Billed	Rate	Amount	Units Billed	Rate	Amount	Onits Billed	Rate	Amount	Amount	
lanuary	:				¢ _			\$ -		\$	
January					Φ -			Φ -			-
February		-			\$ -			\$ -		\$	-
March		-			\$ -			\$ -		\$	-
April		-			\$ -			\$ -		\$	-
May		-			\$ -			\$ -		\$	-
June		-			\$ -			\$ -		\$	-
July	!	-			\$ -			\$ -		\$	-
August	;	-			\$ -			\$ -		\$	-
September		-			\$ -			\$ -		\$	-
October	:	-			\$ -			\$ -		\$	-
November		-			\$ -			\$ -		\$	_
December					\$ -			\$ -		\$	
					*			Ť			
Total	- 5	-	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	<u> </u>
Add Extra Host Here (II)		Network		Liı	ne Connect	tion	Transfo	rmation Cor	nnection	Total Connec	tion
(if needed)	Haita Billa d	Data	A	Umita Billa d	Data	A	Haite Bille 4	Data	A	A	
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
Inn					•			•		Φ.	
January					ф -			\$ -		\$	•
February					D -			\$ -		\$	•
March					\$ -			\$ -		\$	-
April		-			\$ -			\$ -		\$	-
May		-			\$ -			\$ -		\$	-
June		-			\$ -			\$ -		\$	-
July		-			\$ -			\$ -		\$	-
August		-			\$ -			\$ -		\$	-
September		-			\$ -			\$ -		\$	-
October					\$ -			\$ -		\$	-
November					\$ -			\$ -		\$	-
December	:	-			\$ -			\$ -		\$	-
Total	- 5	-	\$ -		\$ -	\$ -		\$ -	\$ -	\$	-
Total		Network		Lit	ne Connect	tion	Transfo	rmation Cor	nnection	Total Connec	tion
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
							mo Dineu			. Intount	
January	259,208	3.6563	\$ \$ 947,750	271,739	\$ 0.8688	\$ 236,086	251,105	\$ 2.0165	\$ 506,363	\$ 742	2,449
February	253,687	3.6553	\$ 927,308	264,710	\$ 0.8686	\$ 229,937	264,666	\$ 2.0163	\$ 533,639		3,576
March	249,522			250,399		\$ 217,515		\$ 2.0164	\$ 504,808		2,323
April	245,178			264,194	\$ 0.8653	\$ 228,607		\$ 2.0044	\$ 497,069		5,675
May	245,062				\$ 0.8685	\$ 225,269		\$ 2.0155	\$ 483,482		3,751
June	271,986				\$ 0.8684	\$ 242,383		\$ 2.0153	\$ 516,772		9,155
July	270,409			281,744	\$ 0.8683	\$ 244,648		\$ 2.0150	\$ 519,179		3,827
August	277,032				\$ 0.8683	\$ 252,633		\$ 2.0150	\$ 534,691		7,323
September	289,535				\$ 0.8685	\$ 257,871		\$ 2.0150	\$ 545,906		3,777
October	226,558				\$ 0.8688	\$ 212,138		\$ 2.0154	\$ 449,560		1,698
										•	
November December	242,138 S 257,405 S				\$ 0.8686 \$ 0.8686	\$ 219,331 \$ 229,188		\$ 2.0159 \$ 2.0157	\$ 467,354 \$ 490,961		6,685 0,149
Total	3,087,720	3.66	\$ 11,285,628	3,219,705	\$ 0.87	\$ 2,795,605	3,002,664	\$ 2.01	\$ 6,049,784	\$ 8,845	5,388
						L	ow Voltage Switc	hgear Cred	it (if applicable)	\$	-
						Total including of	leduction for Low	Voltage Sw	ritchgear Credit	\$ 8,845	5,388



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		Lin	e Connectio	1	Transfor	mation Co	nnection	Tot	al Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	255,370 \$	3.6600	\$ 934,654	267,752	\$ 0.8700	332,944	247.118	\$ 2.0200	\$ 499,178	\$	732,123
February	249,983 \$		\$ 914,938		\$ 0.8700			\$ 2.0200	\$ 526,616	\$	753,464
March	245,868 \$	3.6600			\$ 0.8700	,		\$ 2.0200	\$ 498,336	\$	713,004
April May	242,229 \$ 241,261 \$	3.6600 3.6600	\$ 886,558 \$ 883,015		\$ 0.8700 \$ \$ 0.8700 \$				\$ 493,924 \$ 475,726	\$ \$	720,753 697,584
June	267,152 \$		\$ 977,776	274,272		, ,		\$ 2.0200	\$ 508,210	\$	746,826
July	265,243 \$	3.6600	,		\$ 0.8700	240,623	. ,	\$ 2.0200	\$ 510,028	\$	750,651
August	271,714 \$		\$ 994,473	285,620				\$ 2.0200	\$ 525,271	\$	773,760
September October	284,490 \$ 223,501 \$	3.6600 3.6600	\$ 1,041,233 \$ 818,014		\$ 0.8700 \$ \$ 0.8700 \$			\$ 2.0200 \$ 2.0200	\$ 536,971 \$ 443,640	\$ \$	790,911 653,175
November	238,608 \$	3.6600		,	\$ 0.8700			\$ 2.0200	\$ 460,647	\$	677,027
December	253,283 \$	3.6600			\$ 0.8700			\$ 2.0200		\$	709,483
Total	3,038,702 \$	3.66	\$ 11,121,649	3,168,576	\$ 0.87	2,756,661	2,951,535	\$ 2.02	\$ 5,962,101	\$	8,718,762
Hydro One		Network		Lin	e Connectio	1	Transfor	mation Co	nnection	Tot	al Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	3,838 \$	3.1942	\$ 12,260	3,987	\$ 0.7710	3,074	3,987	\$ 1.7493	\$ 6,975	\$	10,050
February	3,704 \$	3.1942		,	\$ 0.7710		- ,	\$ 1.7493		\$	9,993
March	3,654 \$	3.1942			\$ 0.7710			\$ 1.7493	\$ 6,392	\$	9,209
April	2,949 \$	3.1942		3,471		, ,		\$ 1.7493	\$ 6,071	\$	8,747
May June	3,801 \$ 4,834 \$	3.1942 3.1942	. ,	,	\$ 0.7710 \$ \$ 0.7710 \$,	\$ 1.7493 \$ 1.7493	\$ 7,659 \$ 8,456	\$ \$	11,035 12,183
July	5,166 \$	3.1942			\$ 0.7710 3			\$ 1.7493	\$ 9,038	\$	13,021
August	5,318 \$	3.1942	\$ 16,987	5,318	\$ 0.7710	4,100	5,318	\$ 1.7493	\$ 9,303	\$	13,403
September	5,045 \$	3.1942		,	\$ 0.7710	,		\$ 1.7493		\$	12,714
October November	3,057 \$ 3,530 \$	3.1942 3.1942			\$ 0.7710 : \$ 0.7710 :	, , -		\$ 1.7493 \$ 1.7493	\$ 5,846 \$ 6,624	\$ \$	8,422 9,544
December	3,530 \$ 4,122 \$	3.1942	. ,	,	\$ 0.7710 \tag{5} 0.7710 \tag{7}	, , , , , ,	,	\$ 1.7493		\$ \$	9,544 10,540
Total	49,018 \$	3.19		·	\$ 0.77			\$ 1.75		\$	128,860
Add Extra Host Here (I)	49,018 \$	Network	φ 150,573		e Connection			mation Co			al Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	100	Amount
January	- \$		\$ -	_	\$ - :		_	\$ -	\$ -	\$	
February	- \$		\$ -		\$ -		-	\$ -	\$ -	\$	-
March	- \$		\$ -		\$ - :	-	-	\$ -	\$ -	\$	-
April	- \$		\$ -	-	\$ -	,	-	\$ -	\$ -	\$	-
May June	- \$ - \$		\$ - \$ -	-	\$ - : \$ - :	•		\$ - \$ -	\$ - \$ -	\$ \$	_
July	- \$		\$ -	-	\$ -	•	-	\$ -	\$ -	\$	-
August	- \$	-	\$ -	-	\$ -	-	-	\$ -	\$ -	\$	-
					•			•	\$ -	\$	-
September	- \$		\$ -		\$ - :		-	\$ -	Ψ	Ψ	
September October	- \$ - \$	-	\$ -	-	\$ -	-	-	\$ -	\$ -	\$	-
September	- \$ - \$ - \$	-	Ψ	-	Ψ .	- -	- - -	*	Ψ	Ψ	-
September October November December	- \$ - \$	- - -	\$ - \$ - \$ -	-	\$ - : \$ - : \$ - :	- - - -	: : :	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$	-
September October November December Total	- \$	-	\$ - \$ -	-	\$ - ! \$ - ! \$ - !	5 - 5 -		\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$	al Connection
September October November December Total Add Extra Host Here (II)	- \$ - \$ - \$	- - - Network	\$ - \$ - \$ - \$ -	- - - - Lin	\$ - ! \$ - ! \$ - !		Transfor	\$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$	al Connection
September October November December Total Add Extra Host Here (II)	- \$ - \$ Units Billed	- Network Rate	\$ - \$ - \$ - \$ -	- - - Lin Units Billed	\$ - : \$ - : \$ - : • Connection	Amount		\$ - \$ - \$ - mation Co	\$ - \$ - \$ - \$ - Mount	\$ \$ \$	
September October November December Total Add Extra Host Here (II) Month January	- \$ - \$ Units Billed	- Network Rate	\$ - \$ - \$ - \$ - Amount	Lin	\$ - : \$ - : Connection Rate \$ - :		Transfor	\$ - \$ - \$ -	\$ - \$ - \$ - \$ - nnection Amount \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	al Connection
September October November December Total Add Extra Host Here (II)	- \$ - \$ Units Billed	Network	\$ - \$ - \$ - \$ -	Lin	\$ - : \$ - : Connection Rate \$ - :		Transfor	\$ - \$ - \$ - mation Co Rate	\$ - \$ - \$ - \$ - Mount	\$ \$ \$	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April	- \$ - \$ Units Billed - \$ - \$	Network Rate	* - * * * * * * * * * * * * * * * * * *	Lin	\$ - : \$ - : \$ - : e Connection Rate \$ - :		Transfor	\$ - \$ - \$ - mation Co Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May	- \$ - \$ Units Billed - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin	\$ - : \$ - : \$ - : • Connection Rate \$ - : \$ - :		Transfor	\$ - \$ - \$ - mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	* * * * * * * * * * * * * * * * * * *	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May June	- \$ - \$ Units Billed - \$ - \$	Network Rate	* - * * * * * * * * * * * * * * * * * *	Lin	\$ - : \$ - : \$ - : • Connection Rate \$ - : \$ - :		Transfor	\$ - \$ - \$ - mation Co Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May	- \$ - \$ Units Billed - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin	\$ - : \$ - : \$ - : • Connection Rate \$ - : \$ - :		Transfor	\$ - \$ - \$ - mation Co Rate \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	* * * * * * * * * * * * * * * * * * *	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		### Amount ### Am	Lin Units Billed	S - S - S - S - S - S - S - S - S - S -	Amount 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	Transfor	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	## Amount	Lin Units Billed	S - S - S - S - S - S - S - S - S - S -	Amount 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	Transfor	* - * * - * * * - * * * - * * * - * * * - * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * * * - * * - * * * - * * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * * - * - * * - * - * * - * * - * - * * - * - * * - * - * * - * - * * - * - * - * - * - * * -	\$ -	**************************************	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	## Amount	Lin Units Billed	\$	Amount	Transfor	* - * * - * * * - * * * - * * * - * * * - * * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * * * - * * * - * - * - * * - * - * * - * - * * - * - * - * - * - * - * * -	\$ -	* * * * * * * * * * * * * * * * * * *	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- Network Rate	\$	- Lin Units Billed	\$	Amount	Transfor Units Billed	\$	\$ - S - C - S - C -	* * * * * * * * * * * * * * * * * * *	al Connection
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	## Amount	- Lin Units Billed	S - S - S - S - S - S - S - S - S - S -	Amount	Transfor Units Billed	* - * * - * * * - * * * - * * * - * * * - * * * * - * * * * - *	\$ - S - C - S - C - S - C -	**************************************	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	Amount S - S - S - S - S - S - S - S - S - S	- Lin Units Billed	\$	Amount	Transfor Units Billed	\$ - S - Commation Commatical Commatica	\$ -	**************************************	Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	Amount	Lin Units Billed	\$	Amount Amount Amount Amount Amount Amount	Transfor Units Billed	\$ - S - Column	\$ - S - C - S - C -	* * * * * * * * * * * * * * * * * * *	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	Amount	Lin Units Billed	\$	Amount Amount Amount Amount Amount Amount Amount	Transfor Units Billed	\$ - S - Commation Commatical Commatica	\$ - S - C - S - C -	**************************************	Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	Amount	Lin Units Billed	\$ -	Amount	Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount	Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November December April Month January February March April May	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	Amount	Lin Units Billed	\$ -	Amount	Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November October November December Total Total Month January February March April May June	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount	Transfor Units Billed	* - * - * - * - * - * - * - * - * - * -	\$	**************************************	Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November December April Month January February March April May	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount	Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Month January February March April Month January February March April Month January February March April May June July August September July August September	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount	Transfor Units Billed	* - * - * - * - * - * - * - * - * - * -	\$ - S - C -	**************************************	al Connection Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount	Transfor Units Billed	* - * - * - * - * - * - * - * - * - * -	\$ - S - C -	Total sees sees sees sees sees sees sees se	Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November Total Total Month January February March April May June July August September October November December	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount	Transfor Units Billed	* - * - * - * - * - * - * - * - * - * -	\$ - \$ - \$ - \$ \$ - \$ \$ \$	Total seeds of the	Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount Amount	Transfor Units Billed	\$ - \$ - \$ - \$ - \$ \$ - \$ \$ \$ \$	\$ - S - C -	Total sassassassassassassassassassassassassas	Amount
September October November December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November December	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	** - ** - ** - ** - ** - ** - ** - **	Lin Units Billed	\$ -	Amount Amount	Transfor Units Billed	* - * - * - * - * * - * * - * * - * * - * * - * * - * * - * * * - * * * - * *	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Total seeds of the	Amount



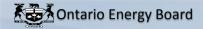
The purpose of this sheet is to calculate the expected billing when forecasted 2018 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO	Network		Line Connecti	on	Transformation Connection	Total Connection
Month	Units Billed Rate	Amount	Units Billed Rate	Amount	Units Billed Rate Amount	Amount
January February March April May June July August September October November December	255,370 \$ 3.6600 \$ 249,983 \$ 3.6600 \$ 245,868 \$ 3.6600 \$ 242,229 \$ 3.6600 \$ 267,152 \$ 3.6600 \$ 265,243 \$ 3.6600 \$ 271,714 \$ 3.6600 \$ 284,490 \$ 3.6600 \$ 223,501 \$ 3.6600 \$ 238,608 \$ 3.6600 \$ 253,283 \$ 3.6600 \$	934,654 914,938 899,877 886,558 883,015 977,776 970,789 994,473 1,041,233 818,014 873,305 927,016	267,752 \$ 0.8700 260,745 \$ 0.8700 246,745 \$ 0.8700 260,723 \$ 0.8700 255,009 \$ 0.8700 274,272 \$ 0.8700 285,620 \$ 0.8700 291,886 \$ 0.8700 240,844 \$ 0.8700 248,713 \$ 0.8700 259,689 \$ 0.8700	\$ 232,944 \$ 226,848 \$ 214,668 \$ 226,829 \$ 221,858 \$ 238,617 \$ 240,623 \$ 248,489 \$ 253,941 \$ 209,534 \$ 216,380 \$ 225,929	247,118 \$ 2.0200 \$ 499,178 260,701 \$ 2.0200 \$ 526,616 246,701 \$ 2.0200 \$ 498,336 244,517 \$ 2.0200 \$ 493,924 235,508 \$ 2.0200 \$ 475,726 251,589 \$ 2.0200 \$ 508,210 252,489 \$ 2.0200 \$ 510,028 260,035 \$ 2.0200 \$ 525,271 265,827 \$ 2.0200 \$ 536,971 219,624 \$ 2.0200 \$ 443,640 228,043 \$ 2.0200 \$ 483,554	\$ 732,123 \$ 753,464 \$ 713,004 \$ 720,753 \$ 697,584 \$ 746,826 \$ 750,651 \$ 773,760 \$ 790,911 \$ 653,175 \$ 677,027 \$ 709,483
Total	3,038,702 \$ 3.66 \$	11,121,649	3,168,576 \$ 0.87	\$ 2,756,661	2,951,535 \$ 2.02 \$ 5,962,101	\$ 8,718,762
Hydro One	Network		Line Connecti	on	Transformation Connection	Total Connection
Month	Units Billed Rate	Amount	Units Billed Rate	Amount	Units Billed Rate Amount	Amount
January February March April May June July August September October November December	3,838 \$ 3.1942 \$ 3,704 \$ 3.1942 \$ 3,654 \$ 3.1942 \$ 2,949 \$ 3.1942 \$ 4,834 \$ 3.1942 \$ 5,166 \$ 3.1942 \$ 5,318 \$ 3.1942 \$ 5,045 \$ 3.1942 \$ 3,057 \$ 3.1942 \$ 3,530 \$ 3.1942 \$ 4,122 \$ 3.1942 \$ 4,122 \$ 3.1942 \$	12,260 11,832 11,671 9,420 12,140 15,441 16,503 16,987 16,113 9,765 11,276 13,166	3,987 \$ 0.7710 3,965 \$ 0.7710 3,654 \$ 0.7710 3,471 \$ 0.7710 4,379 \$ 0.7710 4,834 \$ 0.7710 5,166 \$ 0.7710 5,318 \$ 0.7710 5,045 \$ 0.7710 3,342 \$ 0.7710 3,787 \$ 0.7710 4,182 \$ 0.7710 551,129 \$ 0.77	\$ 3,057 \$ 2,817 \$ 2,676 \$ 3,376 \$ 3,727 \$ 3,983 \$ 4,100 \$ 3,889 \$ 2,577 \$ 2,920 \$ 3,224	3,987 \$ 1,7493 \$ 6,975 3,965 \$ 1,7493 \$ 6,936 3,654 \$ 1,7493 \$ 6,071 4,379 \$ 1,7493 \$ 7,659 4,834 \$ 1,7493 \$ 9,038 5,166 \$ 1,7493 \$ 9,303 5,318 \$ 1,7493 \$ 9,303 5,045 \$ 1,7493 \$ 8,824 3,342 \$ 1,7493 \$ 6,624 4,182 \$ 1,7493 \$ 7,316	\$ 10,050 \$ 9,993 \$ 9,209 \$ 8,747 \$ 11,035 \$ 12,183 \$ 13,021 \$ 13,403 \$ 12,714 \$ 8,422 \$ 9,544 \$ 10,540
Add Extra Host Here (I)	Network		Line Connecti	on	Transformation Connection	Total Connection
Month	Units Billed Rate	Amount	Units Billed Rate	Amount	Units Billed Rate Amount	Amount
January February March April May June July August September October November December	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		
Add Extra Host Here (II)	Network		Line Connecti		Transformation Connection	Total Connection
Month	Units Billed Rate	Amount	Units Billed Rate	Amount	Units Billed Rate Amount	Amount
January February March April May June July August September October November December		- - - - - - - - - -	**************************************	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-	
Total	- \$ - \$ Network	-	Line Connecti		Transformation Connection	\$ - Total Connection
Month	Units Billed Rate	Amount	Units Billed Rate	Amount	Units Billed Rate Amount	Amount
January February March April May June July August September October November December	259,208 \$ 3.65 \$ 253,687 \$ 3.65 \$ 249,522 \$ 3.65 \$ 245,178 \$ 3.65 \$ 245,062 \$ 3.65 \$ 271,986 \$ 3.65 \$ 277,032 \$ 3.65 \$ 277,032 \$ 3.65 \$ 289,535 \$ 3.65 \$ 242,138 \$ 3.65 \$ 242,138 \$ 3.65 \$ 3,087,720 \$ 3.65 \$	946,914 926,770 911,548 895,978 895,155 993,217 987,292 1,011,460 1,057,347 827,779 884,581 940,182	271,739 \$ 0.87 264,710 \$ 0.87 250,399 \$ 0.87 264,194 \$ 0.87 259,388 \$ 0.87 279,106 \$ 0.87 281,744 \$ 0.87 290,938 \$ 0.87 296,931 \$ 0.87 244,186 \$ 0.87 252,500 \$ 0.87 263,871 \$ 0.87 3,219,705 \$ 0.87	\$ 229,905 \$ 217,485 \$ 229,505 \$ 225,234 \$ 242,344 \$ 244,606 \$ 252,590 \$ 257,830 \$ 212,111 \$ 219,300 \$ 229,154 \$ 2,796,082	251,105 \$ 2.02 \$ 506,154 264,666 \$ 2.02 \$ 533,552 250,355 \$ 2.02 \$ 504,728 247,988 \$ 2.02 \$ 499,995 239,887 \$ 2.02 \$ 483,386 256,423 \$ 2.01 \$ 516,666 257,655 \$ 2.01 \$ 519,065 265,353 \$ 2.01 \$ 534,574 270,872 \$ 2.01 \$ 534,574 270,872 \$ 2.01 \$ 545,795 222,966 \$ 2.02 \$ 449,486 231,830 \$ 2.02 \$ 467,271 243,565 \$ 2.02 \$ 490,869 3,002,664 \$ 2.02 \$ 6,051,541 Low Voltage Switchgear Credit (if applicable)	\$ 742,172 \$ 763,457 \$ 722,213 \$ 729,500 \$ 708,619 \$ 759,009 \$ 763,672 \$ 787,163 \$ 803,625 \$ 661,597 \$ 686,571 \$ 720,023 \$ 8,847,622 \$ -



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	0.0057	381,793,581	0	2,176,223	24.0%	2,712,354	0.0071
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0052	141,637,472	0	736,515	8.1%	917,961	0.0065
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1758		892,605	1,942,130	21.5%	2,420,591	2.7118
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.2568		166,021	374,675	4.1%	466,980	2.8128
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.2568		1,052,467	2,375,208	26.2%	2,960,360	2.8128
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7254		505,278	1,377,085	15.2%	1,716,342	3.3968
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0052	1,965,285	0	10,219	0.1%	12,737	0.0065
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6659		51	85	0.0%	105	2.0762
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0044		28,337	56,798	0.6%	70,791	2.4982
The purpose of this table is to re-align the current	RTS Connection Rates to recover current wholesale connection costs.							Current	Adjusted
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 Rate	\$/kWh	0.0046	381,793,581	0	1,756,250	24.7%	2,182,972	0.0057
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040	141,637,472	0	566,550	8.0%	704,206	0.0050
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7001		892,605	1,517,518	21.3%	1,886,234	2.1132
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7639		166,021	292,844	4.1%	363,997	2.1925
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7639		1,052,467	1,856,447	26.1%	2,307,513	2.1925
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1299		505,278	1,076,192	15.1%	1,337,678	2.6474
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040	1,965,285	0	7,861	0.1%	9,771	0.0050
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3017		51	66	0.0%	82	1.6180
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5663		28,337	44,384	0.6%	55,168	1.9469
The nurnose of this table is to undate the re-align	ed RTS Network Rates to recover future wholesale network costs.								
The purpose of this table is to update the re-aligno	is the Network Nates 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
Rate Class	Rate Description		RTSR-Network	Billed kWh		Amount	Amount %	Wholesale Billing	RTSR- Network
Rate Class Residential Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh	RTSR-Network	Billed kWh 381,793,581	Billed kW	Amount 2,712,354	Amount % 24.0%	Wholesale Billing 2,712,354	RTSR-
Rate Class	Rate Description		RTSR-Network	Billed kWh	0	Amount	Amount %	Wholesale Billing	RTSR- Network 0.0071
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0071 0.0065	Billed kWh 381,793,581	0 0	2,712,354 917,962	Amount % 24.0% 8.1%	Wholesale Billing 2,712,354 917,961	RTSR- Network 0.0071 0.0065
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW	0.0071 0.0065 2.7118	Billed kWh 381,793,581	0 0 892,605	2,712,354 917,962 2,420,591	24.0% 8.1% 21.5%	Wholesale Billing 2,712,354 917,961 2,420,591	RTSR- Network 0.0071 0.0065 2.7118
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW \$/kW	0.0071 0.0065 2.7118 2.8128	Billed kWh 381,793,581	0 0 892,605 166,021	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342	24.0% 8.1% 21.5% 4.1% 26.2% 15.2%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342	RTSR- Network 0.0071 0.0065 2.7118 2.8128
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065	Billed kWh 381,793,581	0 0 892,605 166,021 1,052,467 505,278 0	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737	Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762	Billed kWh 381,793,581 141,637,472	0 0 892,605 166,021 1,052,467 505,278 0 51	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065	Billed kWh 381,793,581 141,637,472	0 0 892,605 166,021 1,052,467 505,278 0	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737	Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982	Billed kWh 381,793,581 141,637,472	0 0 892,605 166,021 1,052,467 505,278 0 51	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	RTSR- Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligne	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982	Billed kWh 381,793,581 141,637,472 1,965,285	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted	0 0 892,605 166,021 1,052,467 505,278 0 51	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale	RTSR- Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligne	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982	Billed kWh 381,793,581 141,637,472 1,965,285	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligne	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR-	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR-
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignorate Class	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount %	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignor Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection 0.0057	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh 381,793,581	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount %	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing 2,182,972	Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection 0.0057
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignor Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kW \$/kWh \$/kWh \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection 0.0057 0.0050 2.1132 2.1925	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh 381,793,581	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337 Billed kW	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount 2,182,972 704,206 1,886,234 363,997	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount % 24.7% 8.0% 21.3% 4.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing 2,182,972 704,206 1,886,234 363,997	Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection 0.0057 0.0050 2.1132 2.1925
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignor Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh 381,793,581	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337 Billed kW 0 0 892,605 166,021 1,052,467	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount 2,182,972 704,206 1,886,234 363,997 2,307,513	Amount % 24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount % 24.7% 8.0% 21.3% 4.1% 26.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing 2,182,972 704,206 1,886,234 363,997 2,307,513	RTSR- Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignor Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925 2.6474	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh 381,793,581 141,637,472	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337 Billed kW 0 0 892,605 166,021 1,052,467 505,278	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount 2,182,972 704,206 1,886,234 363,997 2,307,513 1,337,678	Amount % 24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount % 24.7% 8.0% 21.3% 4.1% 26.1% 15.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing 2,182,972 704,206 1,886,234 363,997 2,307,513 1,337,678	RTSR- Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925 2.6474
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignor Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kW \$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kW	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925 2.6474 0.0050	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh 381,793,581	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337 Billed kW 0 0 0 892,605 166,021 1,052,467 505,278 0	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount 2,182,972 704,206 1,886,234 363,997 2,307,513 1,337,678 9,771	24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount % 24.7% 8.0% 21.3% 4.1% 26.1% 15.1% 0.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing 2,182,972 704,206 1,886,234 363,997 2,307,513 1,337,678 9,771	Proposed RTSR- Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925 2.6474 0.0050
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-alignor Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Adjusted RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925 2.6474	Billed kWh 381,793,581 141,637,472 1,965,285 Loss Adjusted Billed kWh 381,793,581 141,637,472	0 0 892,605 166,021 1,052,467 505,278 0 51 28,337 Billed kW 0 0 892,605 166,021 1,052,467 505,278	2,712,354 917,962 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Billed Amount 2,182,972 704,206 1,886,234 363,997 2,307,513 1,337,678	Amount % 24.0% 8.1% 21.5% 4.1% 26.2% 15.2% 0.1% 0.0% 0.6% Billed Amount % 24.7% 8.0% 21.3% 4.1% 26.1% 15.1%	Wholesale Billing 2,712,354 917,961 2,420,591 466,980 2,960,360 1,716,342 12,737 105 70,791 Current Wholesale Billing 2,182,972 704,206 1,886,234 363,997 2,307,513 1,337,678	RTSR- Network 0.0071 0.0065 2.7118 2.8128 2.8128 3.3968 0.0065 2.0762 2.4982 Proposed RTSR- Connection 0.0057 0.0050 2.1132 2.1925 2.1925 2.6474



If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2017 values and will be updated by OEB staff at a later date.

Price Escalator	1.90%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	50,242	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	III	Price Cap Index	1.60%	Billed kWh for Residential Class (approved in the last CoS)	386,643,528	OEB-approved # of Transition Years	4
					_		

Associated Stretch Factor Value 0.30% Rate Design Transition Years Left

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge	
RESIDENTIAL SERVICE CLASSIFICATION	22.36		0.0098		1.60%	25.91	0.0050	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	16.59		0.0139		1.60%	16.86	0.0141	
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	179.86		2.7403		1.60%	182.74	2.7841	
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	568.96		3.0421		1.60%	578.06	3.0908	
LARGE USE SERVICE CLASSIFICATION	1093.75		2.7331		1.60%	1,111.25	2.7768	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	4.86		0.0221		1.60%	4.94	0.0225	
STANDBY POWER SERVICE CLASSIFICATION	0				1.60%	0.00	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	7.51		8.3138		1.60%	7.63	8.4468	
STREET LIGHTING SERVICE CLASSIFICATION	0.43		10.1929		1.60%	0.44	10.3560	
microFIT SERVICE CLASSIFICATION	5.4					5.4		
Rate Design Transition		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	22.3600	13,480,933	78.1%	11.0%	3.14	89.0%	25.50	15,374,052
Current Residential Variable Rate (inclusive of R/C adj.)	0.0098	3,789,107	21.9%			11.0%	0.0049	1,894,553
		17,270,040	•					17,268,605

¹ These are the residential rates to which the Price Cap Index will be applied to. Wheeling Service Rate will be adjusted for PCI on Sheet 19.



Update the following rates if an OEB Decision has been issued at the time of completing this application

 Regulatory Charges
 Proposed

 Wholesale Market Service Rate (WMS) - not including CBR
 \$/kWh
 0.0032

 Capacity Based Recovery (CBR) - Applicable for Class B Customers
 \$/kWh
 0.0004

 Rural or Remote Electricity Rate Protection Charge (RRRP)
 \$/kWh
 0.0003

 Standard Supply Service - Administrative Charge (if applicable)
 \$
 0.25

Time-of-Use RPP Prices

As of		July 1, 2017		
Off-Peak	\$/kWh	0.0650		
Mid-Peak	\$/kWh	0.0950		
On-Peak	\$/kWh	0.1320		

Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	\$/kWh	0.0070 If your utility's DRC differs from the value in Cell D29, please update this
		value.



In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below.

In column A, the rate rider descriptions must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2019) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu.

RESIDENTIAL SERVICE CLASSIFICATION	
	- effective until
	- effective until - effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
ENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
ENEDAL SEDVICE ENTO DOGINA SEDVICE CLASSIFICATION	
ENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
ENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
ARGE USE SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
NMETERED SCATTERED LOAD SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
ENTINEL LIGHTING SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
TREET LIGHTING CERVICE OF ACCIDINATION	
FREET LIGHTING SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
DICTORIT SERVICE CLASSIFICATION	
icroFIT SERVICE CLASSIFICATION	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until
	- effective until - effective until
	- effective until
	- effective until

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.91
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.18)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0050
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0023)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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 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:

- "Aboriginal 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 Ontario Energy 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 such other device as may be specified by the Ontario Energy Board;
- "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 16 or over;

MONTHLY RATES AND CHARGES

Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
- (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit \$ (30.00)

Class B

- (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 \$28,001 and \$39,000 living in a household of four persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

Class C

- (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 between \$28,001 and \$39,000 living in a household of five persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders in Class G.

OESP Credit \$ (38.00)

Effective and Implementation Date January 1, 2018

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

EB-2017-0044

Class D

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;

but does not include account-holders in Class H.

OESP Credit \$ (42.00)

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:
- 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 household is an Aboriginal person; or
- 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 \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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)

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	16.86
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.50)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	*	
	\$/kWh	0.0141
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

The rate rider for the disposition of Class B WMS - Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

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.

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

		EB-2017-0044
MONTHLY RATES AND CHARGES - Delivery Component		
Service Charge	\$	182.74
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(3.80)
Distribution Volumetric Rate	\$/kW	2.7841
Low Voltage Service Rate	\$/kW	0.0121
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	0.0642
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5958)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.2077)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0183)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7118
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8128
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1132
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1925
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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

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

APPLICATION

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

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

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

The rate rider for the disposition of Class B WMS - Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2016. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2016 and the above noted exception for 2016 transition customers, for the entire period to the sunset date of the rate rider.

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	\$	578.06
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(46.33)
Distribution Volumetric Rate	\$/kW	3.0908
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	0.0811
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0955)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0244)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8128
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.1925

Effective and Implementation Date January 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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	\$	1,111.25
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(151.18)
Distribution Volumetric Rate	\$/kW	2.7768
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	0.6189
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.9653)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.3968
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6474
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.94
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.0225
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHET NATES AND SHAROLS - Regulatory Somponent		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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 - APPROVED ON AN INTERIM BASIS

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

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

·		
Service Charge (per connection)	\$	7.63
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.4468
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0821)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0179)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0762
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6180
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHET NATES AND STANSES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.44
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025		
,	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.3560
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until December 31, 2018	\$/kW	(0.8432)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.7759)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0180)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4982
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9469
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Standard Supply Service - Administrative Charge (ii applicable)	Φ	0.25

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

ALLOWANCES

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

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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.

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Customer Administration

Arrears certificate	\$	15.00
Returned Cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit service charge for paperless bill	\$	(10.00)
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	9.00
Disconnect/Reconnect at Meter - during regular hours	\$	20.00
Disconnect/Reconnect at Meter - after regular hours	\$	50.00
Disconnect/Reconnect at Pole - during regular hours	\$	50.00
Disconnect/Reconnect at Pole - after regular hours	\$	95.00
Other		
Service call - customer owned equipment	\$	17.50
Service call - after regular hours	\$	95.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35
Overhead bond connection - per connection	\$	105.00
Underground bond connection - per connection	\$	100.00

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributor and the reta	ailer \$	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	gh 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

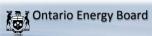
Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0044

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	1.0260
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor - Primary Metered Customer > 5.000 kW	1.0036



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 section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.

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 May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 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.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0260	1.026	750		N/A	devices/connections).
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0260	1.026	2,000		N/A	
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0260	1.026	189.800	500	DEMAND	
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0260	1.026	489,100		EMAND - INTERVA	L
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0036	1.0036	4.215.750		EMAND - INTERVA	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0260	1.026	750	,	N/A	15
STANDBY POWER SERVICE CLASSIFICATION	kW						DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0260	1.026	140	2	DEMAND	2
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0260	1.026	800,000	2,200	DEMAND	13,400
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0260	1.026	215		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0260	1.026	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0260	1.026	2,000		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

DATE OF ACCES / CATEGORIES					Sub	o-Total					Total	
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Α				В			С		A + B + C	
(eg: Residential 100, Residential Retailer)		\$	%		\$	%		\$	%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.04)	-0.1%	\$	0.19	0.6%	\$	2.11	5.5%	\$	1.41	1.3%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.76	1.7%	\$	1.76	4.0%	\$	6.48	10.2%	\$	4.65	1.8%
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (7.08)	-0.4%	\$	1,041.14	103.0%	\$	1,515.69	51.4%	\$	1,492.68	5.0%
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (64.66)	-1.7%	\$	2,851.33	147.5%	\$	3,835.93	64.4%	\$	3,767.55	5.0%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (2,593.55)	-8.9%	\$	4,145.20	27.6%	\$	13,061.95	25.4%	\$	9,979.06	1.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 1.95	2.2%	\$	2.10	2.4%	\$	3.87	4.1%	\$	3.50	1.9%
STANDBY POWER SERVICE CLASSIFICATION -	kW	\$ -	0.0%	\$	-	0.0%	\$	-	0.0%	\$	-	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.51	1.6%	\$	(3.63)	-10.8%	\$	(2.18)	-5.5%	\$	(2.63)	-4.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (1,362.19)	-4.9%	\$	3,223.31	12.7%	\$	5,146.99	15.5%	\$	4,888.60	3.2%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.52	10.4%	\$	2.59	10.3%	\$	3.14	11.5%	\$	3.06	6.3%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ (0.04)	-0.1%	\$	3.86	12.7%	\$	5.78	15.1%	\$	5.67	4.0%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.76	1.7%	\$	11.56	25.7%	\$	16.28	25.5%	\$	16.08	4.6%
				1								
										ļ		
							1					

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 750 kWh
Demand - kW

Current Loss Factor 1.0260
Proposed/Approved Loss Factor 1.0260

	Current O	EB-Approved	d		Proposed						Impact			
	Rate	Volume		Charge		Rate	Volume		Charge					
	(\$)			(\$)	_	(\$)		•	(\$)		\$ Change	% Change		
Monthly Service Charge	\$ 22.36		\$	22.36	\$			\$	25.91	\$	3.55	15.88%		
Distribution Volumetric Rate	\$ 0.0098	750		7.35	\$	0.0050	750		3.75	\$	(3.60)	-48.98%		
Fixed Rate Riders	\$ (0.18)		\$	(0.18)	\$		1	\$	(0.18)		-	0.00%		
Volumetric Rate Riders	\$ 0.0003	750		0.23	\$	0.0003	750		0.24	\$	0.01	4.52%		
Sub-Total A (excluding pass through)		00	\$	29.76	_	0.0000		\$	29.72	\$	(0.04)	-0.13%		
Line Losses on Cost of Power	\$ 0.0822	20	\$	1.60	\$	0.0822	20	\$	1.60	\$	-	0.00%		
Total Deferral/Variance Account Rate	-\$ 0.0030	750	\$	(2.25)	-\$	0.0023	750	\$	(1.73)	\$	0.53	-23.33%		
Riders			1	` '					, ,		()			
CBR Class B Rate Riders	\$ 0.0003	750		0.23	-\$	0.0001	750		(80.0)	\$	(0.30)	-133.33%		
GA Rate Riders	\$ -	750	\$	-	\$	-	750	\$	-	\$	-			
Low Voltage Service Charge	\$ -	750	\$	-			750	\$	-	\$	-			
Smart Meter Entity Charge (if applicable)			١.					_						
and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%		
Account Rate Riders			١.					_						
Additional Volumetric Rate Riders (Sheet 18)		750	\$	-	\$	-	750	\$	-	\$	-			
Sub-Total B - Distribution (includes Sub-			\$	30.12				\$	30.31	\$	0.19	0.61%		
Total A)			,					*						
RTSR - Network	\$ 0.0057	770	\$	4.39	\$	0.0071	770	\$	5.46	\$	1.08	24.56%		
RTSR - Connection and/or Line and	\$ 0.0046	770	\$	3.54	\$	0.0057	770	\$	4.39	\$	0.85	23.91%		
Transformation Connection	* 0.0010		Ť	0.01	٠	0.000.				Ψ.	0.00	20.0170		
Sub-Total C - Delivery (including Sub-			\$	38.05				\$	40.16	\$	2.11	5.54%		
Total B)			Ť	00.00				<u> </u>		Ť		0.0 1 70		
Wholesale Market Service Charge	\$ 0.0036	770	\$	2.77	\$	0.0036	770	\$	2.77	\$	_	0.00%		
(WMSC)	0.0000		*	2	*	0.0000		Ψ	2	Ι Ψ		0.0070		
Rural and Remote Rate Protection	\$ 0.0013	770	\$	1.00	\$	0.0003	770	\$	0.23	\$	(0.77)	-76.92%		
(RRRP)	,		Ť							1	(0)			
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			\$	0.0650		\$	31.69		-	0.00%		
TOU - Mid Peak	\$ 0.0950	128			\$	0.0950	128	\$	12.11	\$	-	0.00%		
TOU - On Peak	\$ 0.1320	135	\$	17.82	\$	0.1320	135	\$	17.82	\$	-	0.00%		
Total Bill on TOU (before Taxes)			\$	103.69		-		\$	105.03		1.34	1.29%		
HST	13%		\$	13.48		13%		\$	13.65		0.17	1.29%		
8% Rebate	8%		\$	(8.30)		8%		\$	(8.40)	\$	(0.11)			
Total Bill on TOU			\$	108.87	L			\$	110.28	\$	1.41	1.29%		

Customer Class: GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 2,000 kWh Demand kW 1.0260 1.0260 Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved						Proposed	Impact				
	Rate		Volume	Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	16.59			16.59			\$	16.86	\$	0.27	1.63%
Distribution Volumetric Rate	\$	0.0139	2000			\$ 0.014		\$	28.20	\$	0.40	1.44%
Fixed Rate Riders	\$	(0.50)	1		(0.50)	\$ (0.5		\$	(0.50)	\$	-	0.00%
Volumetric Rate Riders	\$	0.0005	2000		1.00	\$ 0.000	5 2000	\$	1.09	\$	0.09	9.11%
Sub-Total A (excluding pass through)					14.89			\$	45.65	\$	0.76	1.70%
Line Losses on Cost of Power	\$	0.0822	52	\$	4.27	\$ 0.082	2 52	\$	4.27	\$	-	0.00%
Total Deferral/Variance Account Rate	e .	0.0031	2,000	\$	(6.20)	-\$ 0.002	2,000	\$	(4.40)	œ.	1.80	-29.03%
Riders	- -	0.0031	2,000	Ф	(6.20)	-\$ U.UU	2,000	Ф	(4.40)	Ф	1.60	-29.03%
CBR Class B Rate Riders	\$	0.0003	2,000	\$	0.60	-\$ 0.000	2,000	\$	(0.20)	\$	(0.80)	-133.33%
GA Rate Riders	\$	-	2,000	\$	-	\$ -	2,000	\$		\$	- 1	
Low Voltage Service Charge	\$	-	2,000	\$	-		2,000	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)			•				•	· .				
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$	0.79	\$ 0.7	9 1	\$	0.79	\$	-	0.00%
Account Rate Riders	T T			•				l *		,		
Additional Volumetric Rate Riders (Sheet 18)			2,000	\$	-	\$ -	2,000	\$	_	\$	_	
Sub-Total B - Distribution (includes Sub-			_,,,,,			-	_,,,,,			Ť.		
Total A)				\$	14.35			\$	46.11	\$	1.76	3.97%
RTSR - Network	\$	0.0052	2,052	\$	10.67	\$ 0.000	5 2,052	\$	13.34	\$	2.67	25.00%
RTSR - Connection and/or Line and	,			•			,	1		Ĭ	-	
Transformation Connection	\$	0.0040	2,052	\$	8.21	\$ 0.00	2,052	\$	10.26	\$	2.05	25.00%
Sub-Total C - Delivery (including Sub-												
Total B)				\$ (33.23			\$	69.71	\$	6.48	10.25%
Wholesale Market Service Charge	_											
(WMSC)	\$	0.0036	2,052	\$	7.39	\$ 0.003	2,052	\$	7.39	\$	-	0.00%
Rural and Remote Rate Protection								١.				
(RRRP)	\$	0.0013	2,052	\$	2.67	\$ 0.000	2,052	\$	0.62	\$	(2.05)	-76.92%
Standard Supply Service Charge	•	0.25	1	\$	0.25	\$ 0.2	5 1	\$	0.25	\$		0.00%
Debt Retirement Charge (DRC)	Š	0.0070	2,000			\$ 0.007			14.00	\$		0.00%
TOU - Off Peak		0.0650	1,300		34.50					\$	-	0.00%
TOU - Mid Peak		0.0950	340			\$ 0.005			32.30	\$		0.00%
TOU - Mid Peak TOU - On Peak	*	0.0330	360		17.52	\$ 0.03			47.52	\$		0.00%
100 - 0111 ean	<u> </u> Ψ	0.1320	360	φ 4	+1.32	φ U.134	300	φ	47.52	φ	-	0.00%
Total Bill on TOU (hafana Taura)	1			¢ ^	51.86			¢	256.28		4.42	1.76%
Total Bill on TOU (before Taxes)		400/				4.	0/	\$		\$	4.43	
HST		13%			32.74	13		\$	33.32	\$	0.58	1.76%
8% Rebate		8%			20.15)	8	%	\$	(20.50)		(0.35)	4 ====
Total Bill on TOU				\$ 20	64.45			\$	269.10	\$	4.65	1.76%

Customer Class:

RPP / Non-RPP:

Consumption

Demand

500

urrent Loss Factor

roved Loss Factor Current Loss Factor Proposed/Approved Loss Factor

	Current 0	EB-Approve	i		Proposed	i	In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 179.86		\$ 179.86	\$ 182.74		\$ 182.74		1.60%
Distribution Volumetric Rate	\$ 2.7403			\$ 2.7841	500			1.60%
Fixed Rate Riders	\$ (3.80		\$ (3.80)		1	\$ (3.80)		0.00%
Volumetric Rate Riders	\$ 0.1279	500		\$ 0.0642	500		\$ (31.86)	-49.83%
Sub-Total A (excluding pass through)			\$ 1,610.16			\$ 1,603.08		-0.44%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	-\$ 1.1568	500	\$ (578.40)	-\$ 0.8035	500	\$ (401.75)	\$ 176.65	-30.54%
Riders	,					, , ,	·	
CBR Class B Rate Riders	\$ 0.0986		\$ 49.30	-\$ 0.0183	500	\$ (9.15)		-118.56%
GA Rate Riders	-\$ 0.0004		\$ (75.92)		189,800	\$ 854.10		-1225.00%
Low Voltage Service Charge	\$ 0.0121	500	\$ 6.05	\$ 0.0121	500	\$ 6.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		500	\$ -	\$ -	500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 1,011.19			\$ 2,052.33	\$ 1,041.14	102.96%
Total A)								
RTSR - Network	\$ 2.1758	500	\$ 1,087.90	\$ 2.7118	500	\$ 1,355.90	\$ 268.00	24.63%
RTSR - Connection and/or Line and	\$ 1.7001	500	\$ 850.05	\$ 2.1132	500	\$ 1,056.60	\$ 206.55	24.30%
Transformation Connection	, , , , , , , , , , , , , , , , , , , ,		*	*		* .,		
Sub-Total C - Delivery (including Sub-			\$ 2,949.14			\$ 4,464.83	\$ 1,515.69	51.39%
Total B)			, , ,			,	, , ,	
Wholesale Market Service Charge	\$ 0.0036	194,735	\$ 701.05	\$ 0.0036	194,735	\$ 701.05	\$ -	0.00%
(WMSC)			•	1				
Rural and Remote Rate Protection	\$ 0.0013	194,735	\$ 253.16	\$ 0.0003	194,735	\$ 58.42	\$ (194.73)	-76.92%
(RRRP)								0.000/
Standard Supply Service Charge	\$ 0.25 \$ 0.0070		\$ 0.25 \$ 1,328.60	\$ 0.25 \$ 0.0070	189.800	\$ 0.25 \$ 1.328.60		0.00% 0.00%
Debt Retirement Charge (DRC)	•				,	* .,		
Average IESO Wholesale Market Price	\$ 0.1101	194,735	\$ 21,440.30	\$ 0.1101	194,735	\$ 21,440.30	\$ -	0.00%
T. I. D. III. A. I.			¢ 00.070.40	1		£ 07.000.44	A 220 05	4.050/
Total Bill on Average IESO Wholesale Market Price HST	420	,	\$ 26,672.49 \$ 3,467.42	400/		\$ 27,993.44 \$ 3,639.15		4.95% 4.95%
	139	ю		13%				
Total Bill on Average IESO Wholesale Market Price			\$ 30,139.92			\$ 31,632.59	\$ 1,492.68	4.95%

Customer Class:

RPP / Non-RPP:

Consumption

Demand

1,000

WW

urrent Loss Factor

roved Loss Factor Current Loss Factor Proposed/Approved Loss Factor

	Current O	EB-Approved	i		Proposed	ı	Impact		
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 568.96		\$ 568.96	\$ 578.06		\$ 578.06		1.60%	
Distribution Volumetric Rate	\$ 3.0421	1000		\$ 3.0908	1000			1.60%	
Fixed Rate Riders	\$ (46.33)		\$ (46.33)			\$ (46.33)		0.00%	
Volumetric Rate Riders	\$ 0.2036	1000		\$ 0.0811	1000			-60.15%	
Sub-Total A (excluding pass through)			\$ 3,768.33			\$ 3,703.67		-1.72%	
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -		
Total Deferral/Variance Account Rate	-\$ 1.7699	1,000	\$ (1,769.90)	-\$ 1.0955	1,000	\$ (1,095.50)	\$ 674.40	-38.10%	
Riders CBR Class B Rate Riders		4.000	400.00		4.000	(04.40)	. (455.00)	-118.68%	
	\$ 0.1306	1,000	\$ 130.60 \$ (195.64)		1,000				
GA Rate Riders	-\$ 0.0004	489,100	+ ()	\$ 0.0045	489,100		\$ 2,396.59 \$ -	-1225.00%	
Low Voltage Service Charge	\$ -	1,000	\$ -		1,000	2 -	5 -		
Smart Meter Entity Charge (if applicable)			\$ -	s -		s -	\$ -		
and/or any fixed (\$) Deferral/Variance Account Rate Riders	-	1	a -	a -		ъ -	Ф -		
Additional Volumetric Rate Riders (Sheet 18)		1,000	•	•	1,000	•	\$ -		
Sub-Total B - Distribution (includes Sub-		1,000	3 -	a -	1,000	a -	3 -		
Total A)			\$ 1,933.39			\$ 4,784.72	\$ 2,851.33	147.48%	
RTSR - Network	\$ 2.2568	1,000	\$ 2,256.80	\$ 2.8128	1,000	\$ 2,812.80	\$ 556.00	24.64%	
RTSR - Connection and/or Line and			,			, , , , , , , , , , , , , , , , , , , ,	1		
Transformation Connection	\$ 1.7639	1,000	\$ 1,763.90	\$ 2.1925	1,000	\$ 2,192.50	\$ 428.60	24.30%	
Sub-Total C - Delivery (including Sub-			\$ 5,954.09			\$ 9,790.02	\$ 3,835.93	64.43%	
Total B)			\$ 5,954.09			\$ 9,790.02	\$ 3,035.93	04.43%	
Wholesale Market Service Charge	\$ 0.0036	501,817	\$ 1,806.54	\$ 0.0036	501,817	\$ 1,806.54	\$ -	0.00%	
(WMSC)	0.0000	001,017	Ψ 1,000.04	0.0000	001,017	Ψ 1,000.04	Ψ	0.0070	
Rural and Remote Rate Protection	\$ 0.0013	501,817	\$ 652.36	\$ 0.0003	501,817	\$ 150.54	\$ (501.82)	-76.92%	
(RRRP)	,	001,011	· ·		001,011		. ,		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%	
Debt Retirement Charge (DRC)	\$ 0.0070	489,100	\$ 3,423.70	\$ 0.0070	,	\$ 3,423.70		0.00%	
Average IESO Wholesale Market Price	\$ 0.1101	501,817	\$ 55,250.01	\$ 0.1101	501,817	\$ 55,250.01	\$ -	0.00%	
T + 18:11 A 1500 W 1 + 1 M 1 + 18:			£ 67,000,05	1		£ 70.404.07	L	4.070/	
Total Bill on Average IESO Wholesale Market Price HST	100		\$ 67,086.95	400/		\$ 70,421.07 \$ 9.154.74		4.97% 4.97%	
	13%		\$ 8,721.30	13%					
Total Bill on Average IESO Wholesale Market Price			\$ 75,808.25			\$ 79,575.80	\$ 3,767.55	4.97%	

Current Loss Factor Proposed/Approved Loss Factor

	Current	OEB-Approve	d		Proposed	ı	Im	pact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 1,093.7		\$ 1,093.75			\$ 1,111.25		1.60%
Distribution Volumetric Rate	\$ 2.733			\$ 2.7768	7500			1.60%
Fixed Rate Riders	\$ (151.1		\$ (151.18)			\$ (151.18)		0.00%
Volumetric Rate Riders	\$ 1.010	7 7500		\$ 0.6189	7500			-38.77%
Sub-Total A (excluding pass through)			\$ 29,021.07			\$ 26,427.52	\$ (2,593.55)	-8.94%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	-\$ 1.863	7.500	\$ (13,978.50)	-\$ 0.9653	7,500	\$ (7,239.75)	\$ 6.738.75	-48.21%
Riders		,,,,,	(,,		•	, , , ,		
CBR Class B Rate Riders	-	7,500	\$ -	\$ -	7,500		\$ -	
GA Rate Riders		4,215,750	\$ -	\$ -	4,215,750		\$ -	
Low Voltage Service Charge	-	7,500	\$ -		7,500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	-	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		7,500	\$ -	\$ -	7,500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 15.042.57			\$ 19,187.77	\$ 4.145.20	27.56%
Total A)			, ,,,				, ,	
RTSR - Network	\$ 2.725	7,500	\$ 20,440.50	\$ 3.3968	7,500	\$ 25,476.00	\$ 5,035.50	24.63%
RTSR - Connection and/or Line and	\$ 2.129	9 7.500	\$ 15,974.25	\$ 2.6474	7,500	\$ 19.855.50	\$ 3.881.25	24.30%
Transformation Connection		- ,,			.,	*,	* -,	
Sub-Total C - Delivery (including Sub-			\$ 51,457.32			\$ 64,519.27	\$ 13.061.95	25.38%
Total B)			•,			• • • • • • • • • • • • • • • • • • • •	*,	
Wholesale Market Service Charge	\$ 0.003	6 4,230,927	\$ 15,231.34	\$ 0.0036	4,230,927	\$ 15,231.34	\$ -	0.00%
(WMSC)	,	,,-	., ., .		,,-	, , , ,	,	
Rural and Remote Rate Protection	\$ 0.001	4,230,927	\$ 5,500.20	\$ 0.0003	4,230,927	\$ 1,269.28	\$ (4,230.93)	-76.92%
(RRRP)		_						
Standard Supply Service Charge	\$ 0.2		\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%
Debt Retirement Charge (DRC)	\$ 0.007		\$ 29,510.25	\$ 0.0070	4,215,750	\$ 29,510.25		0.00%
Average IESO Wholesale Market Price	\$ 0.110	1 4,230,927	\$ 465,825.03	\$ 0.1101	4,230,927	\$ 465,825.03	\$ -	0.00%
			A 507 504 00			A 570.055.44		4.500/
Total Bill on Average IESO Wholesale Market Price			\$ 567,524.39			\$ 576,355.41		1.56%
HST	13	%	\$ 73,778.17	13%		\$ 74,926.20		1.56%
Total Bill on Average IESO Wholesale Market Price			\$ 641,302.56			\$ 651,281.62	\$ 9,979.06	1.56%

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION RPP / Non-RPP: RPP

750 kWh
- kW
1.0260
1.0260 Consumption Demand

Current Loss Factor Proposed/Approved Loss Factor

	Current C	EB-Approved	1	1	Proposed	1	l In	pact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.86	15		\$ 4.94		\$ 74.10		1.65%
Distribution Volumetric Rate	\$ 0.0221	750		\$ 0.0225				1.81%
Fixed Rate Riders	\$ (0.05)		\$ (0.75)					0.00%
Volumetric Rate Riders	-\$ 0.0006	750		\$ -	750		\$ 0.45	-100.00%
Sub-Total A (excluding pass through)			\$ 88.28			\$ 90.23	\$ 1.95	2.21%
Line Losses on Cost of Power	\$ 0.0822	20	\$ 1.60	\$ 0.0822	20	\$ 1.60	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0028	750	\$ (2.10)	-\$ 0.0022	750	\$ (1.65)	\$ 0.45	-21.43%
Riders	,		, ,			, , ,	•	
CBR Class B Rate Riders	\$ 0.0003	750	\$ 0.23	-\$ 0.0001	750	\$ (0.08)		-133.33%
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 88.00			\$ 90.10	\$ 2.10	2.39%
Total A)			•			,	•	
RTSR - Network	\$ 0.0052	770	\$ 4.00	\$ 0.0065	770	\$ 5.00	\$ 1.00	25.00%
RTSR - Connection and/or Line and	\$ 0.0040	770	\$ 3.08	\$ 0.0050	770	\$ 3.85	\$ 0.77	25.00%
Transformation Connection	0.0040	110	Ψ 0.00	ψ 0.0000	110	ψ 0.00	Ψ 0.77	20.0070
Sub-Total C - Delivery (including Sub-			\$ 95.08			\$ 98.95	\$ 3.87	4.07%
Total B)			Ψ 30.00			Ψ 30.30	Ψ 0.01	4.01 /0
Wholesale Market Service Charge	\$ 0.0036	770	\$ 2.77	\$ 0.0036	770	\$ 2.77	\$ -	0.00%
(WMSC)	*		2	v 0.0000		Ψ 2	*	0.0070
Rural and Remote Rate Protection	\$ 0.0013	770	\$ 1.00	\$ 0.0003	770	\$ 0.23	\$ (0.77)	-76.92%
(RRRP)	,		•			*	, (- ,	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ 0.25		0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	750	\$ 5.25	\$ 0.0070		\$ 5.25		0.00%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650		\$ 31.69	1.7	0.00%
TOU - Mid Peak	\$ 0.0950	128	\$ 12.11	\$ 0.0950		\$ 12.11	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 165.97		1	\$ 169.07		1.87%
HST	13%		\$ 21.58	139	6	\$ 21.98		1.87%
Total Bill on TOU			\$ 187.55			\$ 191.05	\$ 3.50	1.87%

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION RPP / Non-RPP: RPP

140 kWh 2 kW Consumption Demand

1.0260 1.0260 Current Loss Factor Proposed/Approved Loss Factor

		Current OEB-Approved						Proposed		Impact			
	Rate	Vol	lume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge		.51		\$	15.02		7.63	2	\$	15.26	\$	0.24	1.60%
Distribution Volumetric Rate		138		\$	16.63		8.4468	2	\$	16.89	\$	0.27	1.60%
Fixed Rate Riders	\$ (.11)		\$	(0.22)		(0.11)	2	\$	(0.22)		-	0.00%
Volumetric Rate Riders	\$	-		\$	-	\$	-	2	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	31.43				\$	31.93	\$	0.51	1.61%
Line Losses on Cost of Power	\$ 0.0	322	4	\$	0.30	\$	0.0822	4	\$	0.30	\$	-	0.00%
Total Deferral/Variance Account Rate	\$ 0.8	754	2	\$	1.75	-\$	1.0821	2	\$	(2.16)	\$	(3.92)	-223.61%
Riders	,							_	,	` '		` ′	
CBR Class B Rate Riders	\$ 0.0	951		\$	0.19	-\$	0.0179	2	\$	(0.04)		(0.23)	-118.82%
GA Rate Riders	\$	-		\$	-	\$	-	140	\$	-	\$	-	
Low Voltage Service Charge	\$ 0.0	089	2	\$	0.02	\$	0.0089	2	\$	0.02	\$	-	0.00%
Smart Meter Entity Charge (if applicable)						١.							
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Account Rate Riders						١.							
Additional Volumetric Rate Riders (Sheet 18)			2	\$	-	\$	-	2	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	33.69				\$	30.05	\$	(3.63)	-10.79%
Total A)				•					•			` '	
RTSR - Network	\$ 1.6	659	2	\$	3.33	\$	2.0762	2	\$	4.15	\$	0.82	24.63%
RTSR - Connection and/or Line and	\$ 1.3	017	2	\$	2.60	\$	1.6180	2	\$	3.24	\$	0.63	24.30%
Transformation Connection	•			-		*			,		*		
Sub-Total C - Delivery (including Sub-				\$	39.62				\$	37.44	\$	(2.18)	-5.51%
Total B)									·		_	7	
Wholesale Market Service Charge	\$ 0.0	036	144	\$	0.52	\$	0.0036	144	\$	0.52	\$	-	0.00%
(WMSC)									Ť				
Rural and Remote Rate Protection	\$ 0.0	013	144	\$	0.19	\$	0.0003	144	\$	0.04	\$	(0.14)	-76.92%
(RRRP)	1.			_					_			` ′	
Standard Supply Service Charge		.25	1	\$	0.25		0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$ 0.0			\$	0.98	\$	0.0070	140	\$	0.98	\$	-	0.00%
TOU - Off Peak	\$ 0.0			\$	5.92		0.0650	91	\$	5.92	\$	-	0.00%
TOU - Mid Peak TOU - On Peak	\$ 0.0			\$	2.26		0.0950	24	\$	2.26	\$	-	0.00%
TOU - On Peak	\$ 0.1	320	25	\$	3.33	\$	0.1320	25	\$	3.33	\$	-	0.00%
												(2.22)	
Total Bill on TOU (before Taxes)				\$	53.06				\$	50.73	\$	(2.33)	-4.38%
HST		13%		\$	6.90		13%		\$	6.60	\$	(0.30)	-4.38%
Total Bill on TOU				\$	59.95				\$	57.33	\$	(2.63)	-4.38%

Customer Class: | STREET LIGHTING SERVICE CLASSIFICATION |
RPP / Non-RPP: | Non-RPP (Other) |
Consumption | 800,000 | kWh |
Demand | 2,200 | kW |
urrent Loss Factor | 1.0260 |
roved Loss Factor | 1.0260 | Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved						Proposed	I	Impact			
	Rate		Volume	Charge		Rate	Volume	Charge				
	(\$)			(\$)		(\$)		(\$)		Change	% Change	
Monthly Service Charge	\$	0.43	13400		\$	0.44	13400			134.00	2.33%	
Distribution Volumetric Rate	\$	10.1929	2200		\$	10.3560	2200			358.82	1.60%	
Fixed Rate Riders	\$	(0.01)			\$	(0.01)	13400			-	0.00%	
Volumetric Rate Riders	\$	-	2200		-\$	0.8432	2200			(1,855.01)		
Sub-Total A (excluding pass through)				\$ 28,052.38				\$ 26,690.19		(1,362.19)	-4.86%	
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$	-		
Total Deferral/Variance Account Rate	-\$	1.1907	2,200	\$ (2,619.54)	_e	0.7759	2,200	\$ (1,706.98)	\$	912.56	-34.84%	
Riders	 -♥		-		-		-		1			
CBR Class B Rate Riders	\$	0.0943		\$ 207.46		0.0180	2,200			(247.06)	-119.09%	
GA Rate Riders	-\$	0.0004		\$ (320.00)	\$	0.0045	800,000	\$ 3,600.00		3,920.00	-1225.00%	
Low Voltage Service Charge	\$	0.0107	2,200	\$ 23.54	\$	0.0107	2,200	\$ 23.54	\$	-	0.00%	
Smart Meter Entity Charge (if applicable)												
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$ -	\$	-	1	\$ -	\$	-		
Account Rate Riders												
Additional Volumetric Rate Riders (Sheet 18)			2,200	\$ -	\$	-	2,200	\$ -	\$	-		
Sub-Total B - Distribution (includes Sub-				\$ 25,343.84				\$ 28,567.15	\$	3,223.31	12.72%	
Total A)								*				
RTSR - Network	\$	2.0044	2,200	\$ 4,409.68	\$	2.4982	2,200	\$ 5,496.04	\$	1,086.36	24.64%	
RTSR - Connection and/or Line and	\$	1.5663	2,200	\$ 3.445.86	\$	1.9469	2,200	\$ 4,283.18	\$	837.32	24.30%	
Transformation Connection	*		2,200	Ψ 0,110.00	Ť		2,200	Ψ 1,200.10	Ť	007.02	2 1100 70	
Sub-Total C - Delivery (including Sub-				\$ 33,199.38				\$ 38,346.37	\$	5.146.99	15.50%	
Total B)				* 11,				*,	Ť	-,		
Wholesale Market Service Charge	\$	0.0036	820,800	\$ 2,954.88	\$	0.0036	820,800	\$ 2,954.88	\$	_	0.00%	
(WMSC)	ľ		525,555	-,	Ť		,	_,,,,,,,,,	1			
Rural and Remote Rate Protection	\$	0.0013	820,800	\$ 1.067.04	\$	0.0003	820,800	\$ 246.24	\$	(820.80)	-76.92%	
(RRRP)	I i		,		l i			·	1	(/		
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25		-	0.00%	
Debt Retirement Charge (DRC)	\$	0.0070	,	\$ 5,600.00	\$	0.0070	800,000			-	0.00%	
Average IESO Wholesale Market Price	\$	0.1101	820,800	\$ 90,370.08	\$	0.1101	820,800	\$ 90,370.08	\$	-	0.00%	
	1			A 400 404 00				407.547.00		1 000 10	0.050/	
Total Bill on Average IESO Wholesale Market Price		4001		\$ 133,191.63		4000		\$ 137,517.82		4,326.19	3.25%	
HST		13%		\$ 17,314.91		13%		\$ 17,877.32		562.41	3.25%	
Total Bill on Average IESO Wholesale Market Price				\$ 150,506.54	_			\$ 155,395.14	\$	4,888.60	3.25%	

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 215 kWh
Demand - kW

		Current OI	EB-Approved	d		Г		Proposed	1			lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)		<u> </u>	(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	22.36	1			\$	25.91		\$	25.91	\$	3.55	15.88%
Distribution Volumetric Rate	\$	0.0098	215		2.11	\$	0.0050	215		1.08	\$	(1.03)	-48.98%
Fixed Rate Riders	\$	(0.18)	1	\$	(0.18)	\$	(0.18)	1	\$	(0.18)		-	0.00%
Volumetric Rate Riders	\$	0.0003	215		0.06	\$	0.0003	215		0.07	\$	0.00	4.52%
Sub-Total A (excluding pass through)				\$	24.35				\$		\$	2.52	10.35%
Line Losses on Cost of Power	\$	0.0822	6	\$	0.46	\$	0.0822	6	\$	0.46	\$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.0030	215	\$	(0.65)	_@	0.0023	215	\$	(0.49)	Ф	0.15	-23.33%
Riders	•		_		()	Ψ				` ′			
CBR Class B Rate Riders	\$	0.0003	215	\$	0.06	-\$	0.0001	215	\$	(0.02)	\$	(0.09)	-133.33%
GA Rate Riders	\$	-	215	\$	-	\$	-	215	\$	-	\$	-	
Low Voltage Service Charge	\$	-	215	\$	-			215	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)													
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Account Rate Riders													
Additional Volumetric Rate Riders (Sheet 18)			215	\$	-	\$	-	215	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	25.02				\$	27.61	\$	2.59	10.33%
Total A)				ą.					9		9	2.39	
RTSR - Network	\$	0.0057	221	\$	1.26	\$	0.0071	221	\$	1.57	\$	0.31	24.56%
RTSR - Connection and/or Line and	\$	0.0046	221	\$	1.01	\$	0.0057	221	\$	1.26	\$	0.24	23.91%
Transformation Connection	a	0.0046	221	Ф	1.01	Ф	0.0057	221	Ф	1.20	Ф	0.24	23.91%
Sub-Total C - Delivery (including Sub-				\$	27.29				\$	30.43	\$	3.14	11.49%
Total B)				Ą	21.25				9	30.43	9	3.14	11.49/0
Wholesale Market Service Charge	\$	0.0036	221	\$	0.79	\$	0.0036	221	\$	0.79	\$		0.00%
(WMSC)	a	0.0036	221	Ф	0.79	Ф	0.0036	221	Ф	0.79	Ф	-	0.00%
Rural and Remote Rate Protection	s	0.0013	221	\$	0.29	\$	0.0003	221	\$	0.07	\$	(0.22)	-76.92%
(RRRP)	3	0.0013	221	ф	0.29	Þ	0.0003	221	Э	0.07	Ф	(0.22)	-76.92%
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	140	\$	9.08	\$	0.0650	140	\$	9.08	\$	-	0.00%
TOU - Mid Peak	\$	0.0950	37	\$	3.47	\$	0.0950	37	\$	3.47	\$	-	0.00%
TOU - On Peak	s	0.1320	39	\$	5.11	\$	0.1320	39	\$	5.11	\$	-	0.00%
				Ť						-	Ĺ		0.007
Total Bill on TOU (before Taxes)				\$	46.29				\$	49.20	\$	2.92	6.30%
HST		13%		\$	6.02		13%		\$		\$	0.38	6.30%
8% Rebate		8%		\$	(3.70)		8%		\$	(3.94)		(0.23)	0.0070
Total Bill on TOU		070		\$	48.60		0,0		\$	51.66	\$	3.06	6.30%
Total Bill On 100				Ť	40.00				Ť	01.00	<u> </u>	0.00	0.0076

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: Non-RPP (Retailer)

| Consumption | 750 kWh
Demand	- kW
Current Loss Factor	1.0260
Proposed/Approved Loss Factor	1.0260

Current Ol	EB-Approved			Proposed		Im	npact
Rate	Volume	Charge	Rate	Volume	Charge		
							% Change
				1			15.88%
				750			-48.98%
				1			0.00%
\$ 0.0003	750		\$ 0.0003	750			4.52%
							-0.13%
\$ 0.1101	20	\$ 2.15	\$ 0.1101	20	\$ 2.15	\$ -	0.00%
-\$ 0.0030	750	\$ (2.25)	-\$ 0.0023	750	\$ (1.73)	\$ 0.53	-23.33%
,		, ,			, ,	1	
							-133.33%
-\$ 0.0004			\$ 0.0045				-1225.00%
\$ -	750	\$ -		750	\$ -	\$ -	
\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
	750	\$ -	\$ -	750	\$ -	\$ -	
		\$ 30.37			\$ 34.22	\$ 3.86	12.71%
		*			•	•	
\$ 0.0057	770	\$ 4.39	\$ 0.0071	770	\$ 5.46	\$ 1.08	24.56%
\$ 0.0046	770	\$ 3.54	\$ 0.0057	770	\$ 439	\$ 0.85	23.91%
V 0.0040	770	Ψ 0.04	ψ 0.0001	110	Ψ 4.00	ψ 0.00	20.0170
		\$ 38.29			\$ 44.08	\$ 5.78	15.10%
		Ψ 00.25			Ψ 44.00	Ψ 0.10	10.1070
\$ 0.0036	770	\$ 2.77	\$ 0.0036	770	\$ 277	\$ -	0.00%
0.0000	770	Ψ 2.77	ψ 0.0000	770	Ψ 2.77	Ψ	0.0070
\$ 0.0013	770	\$ 1.00	\$ 0.0003	770	¢ 0.23	\$ (0.77)	-76.92%
0.0013	770	Ψ 1.00	\$ 0.0003	110	Ψ 0.23	ψ (0.77)	-70.3270
\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
		\$ 124.64					4.02%
13%		\$ 16.20	13%		\$ 16.85	\$ 0.65	4.02%
8%			8%				
		\$ 140.84			\$ 146.51	\$ 5.67	4.02%
	Rate (\$) \$ 22.36 \$ 0.0098 \$ 0.1101 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0004 \$ 0.79 \$ 0.79 \$ 0.0057 \$ 0.0046 \$ 0.0036 \$ 0.0013	Rate (\$) \$ 22.36 1 \$ 0.0098 750 \$ 0.0098 750 \$ 0.0003 750 \$ 0.0003 750 \$ 0.0004 750 \$ 0.0004 750 \$ 0.79 1 750 \$ 0.0057 770 \$ 0.0046 770 \$ 0.0036 770 \$ 0.0036 770 \$ 0.0013 770 \$ 0.0013 770	\$ 22.36 1 \$ 22.36 \$ 1.00088 750 \$ 7.35 \$ 0.0088 750 \$ 7.35 \$ 0.23 \$ 29.76 \$ 0.0030 750 \$ 2.25 \$ 0.0030 750 \$ 0.23 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.030 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0004 750 \$ 0.23 \$ 0.0009 \$ 0.000	Rate (\$)	Rate (\$)	Rate (\$)	Rate (\$)

Customer Class:

RPP / Non-RPP:

Non-RPP (Retailer)

Consumption

2,000 | kWh

Demand

- kW 1.0260 Current Loss Factor Proposed/Approved Loss Factor 1.0260

	Current O	EB-Approved	1		Proposed	<u> </u>	l In	pact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 16.59	1	\$ 16.59	\$ 16.86	1	\$ 16.86		1.63%
Distribution Volumetric Rate	\$ 0.0139			\$ 0.0141	2000			1.44%
Fixed Rate Riders	\$ (0.50)		\$ (0.50)			\$ (0.50)		0.00%
Volumetric Rate Riders	\$ 0.0005	2000		\$ 0.0005	2000		\$ 0.09	9.11%
Sub-Total A (excluding pass through)			\$ 44.89			\$ 45.65		1.70%
Line Losses on Cost of Power	\$ 0.1101	52	\$ 5.73	\$ 0.1101	52	\$ 5.73	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0031	2,000	\$ (6.20)	-\$ 0.0022	2,000	\$ (4.40)	\$ 1.80	-29.03%
Riders	,			-		, ,	·	
CBR Class B Rate Riders	\$ 0.0003	2,000	\$ 0.60		2,000			-133.33%
GA Rate Riders	-\$ 0.0004	2,000	\$ (0.80)	\$ 0.0045	2,000	\$ 9.00	\$ 9.80	-1225.00%
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 45.01			\$ 56.57	\$ 11.56	25.69%
Total A)			*			•	•	
RTSR - Network	\$ 0.0052	2,052	\$ 10.67	\$ 0.0065	2,052	\$ 13.34	\$ 2.67	25.00%
RTSR - Connection and/or Line and	\$ 0.0040	2,052	\$ 8.21	\$ 0.0050	2,052	\$ 10.26	\$ 2.05	25.00%
Transformation Connection	* 0.0010	2,002	ψ 0.2.1	V 0.0000	2,002	ψ 10.20	Ψ 2.00	20.0070
Sub-Total C - Delivery (including Sub-			\$ 63.88			\$ 80.16	\$ 16.28	25.49%
Total B)			Ψ 00.00			ψ 00.10	ψ 10.20	20.4370
Wholesale Market Service Charge	\$ 0.0036	2,052	\$ 7.39	\$ 0.0036	2.052	\$ 7.39	s -	0.00%
(WMSC)	0.0000	2,002	Ψ 1.00	ψ 0.0000	2,002	Ψ 7.00	Ψ	0.0070
Rural and Remote Rate Protection	\$ 0.0013	2,052	\$ 2.67	\$ 0.0003	2.052	\$ 0.62	\$ (2.05)	-76.92%
(RRRP)	0.0010	2,002	Ψ 2.01	ψ 0.0000	2,002	ψ 0.02	ψ (2.00)	10.5270
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070		\$ 14.00	\$ 0.0070	2,000			0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 308.14			\$ 322.37		4.62%
HST	13%		\$ 40.06	13%	5	\$ 41.91	\$ 1.85	4.62%
8% Rebate	8%	J		8%	5			
Total Bill on Non-RPP Avg. Price			\$ 348.20			\$ 364.27	\$ 16.08	4.62%

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 2 Filed: August 11, 2017

Appendix 2 Current Tariff of Rates and Charges EB-2016-0075 Rate Order

Note 1: Rural or Remote Electricity Rate Protection Charge (RRRP) changed to \$0.0021 effective January 1, 2017, and consecutively to \$0.0003 effective July 1, 2017

Note 2: Ontario Electricity Support Program Charge (OESP) ceased effective May 1, 2017

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge	\$	22.36
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.18)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0098
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0030)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017		
- Applicable only for Class B Customers	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25
	\$/kWh \$	

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

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 eliqible 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:

"Aboriginal 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 Ontario Energy 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 such other device as may be specified by the Ontario Energy Board;

"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 16 or over;

MONTHLY RATES AND CHARGES

Class A (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons; (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more but does not include account-holders in Class E. OESP Credit	and	(30.00)
Class B (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 \$28,001 and \$39,000 living in a household of four persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons; but does not include account-holders in Class F. OESP Credit	\$	(34.00)
Class C (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 between \$28,001 and \$39,000 living in a household of five persons; (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more but does not include account-holders in Class G. OESP Credit	e persons;	(38.00)
Class D (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons; but does not include account-holders in Class H. OESP Credit	\$	(42.00)

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

Class F

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:
- 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 household is an Aboriginal person; or
- 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 \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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 I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) 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)

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge	\$	16.59
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.50)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0139
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0031)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017		
- Applicable only for Class B Customers	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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.

Service Charge		\$	179.86
Rate Rider for Disposition of Post Retirement Actuarial Gain - effect	tive until March 31, 2025	\$	(3.80)
Distribution Volumetric Rate		\$/kW	2.7403
Low Voltage Service Rate		\$/kW	0.0121
Rate Rider for Disposition of Global Adjustment Account (2017) - et	fective until December 31, 2017		
Applicable only for Non-RPP and Non-Wholesale Market Partic	pant Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism	Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017		\$/kW	0.1279
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - e	ffective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants		\$/kW	(1.0687)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - e	ffective until December 31, 2017	\$/kW	(0.0881)
Rate Rider for Disposition of Capacity Based Recovery Account (20	17) - effective until December 31, 2017		
- Applicable only for Class B Customers		\$/kW	0.0986
Retail Transmission Rate - Network Service Rate		\$/kW	2.1758
Retail Transmission Rate - Network Service Rate - Interval Metere	d	\$/kW	2.2568
Retail Transmission Rate - Line and Transformation Connection Se	ervice Rate	\$/kW	1.7001
Retail Transmission Rate – Line and Transformation Connection Se	ervice Rate – Interval Metered	\$/kW	1.7639
MONTHLY RATES AND CHARGES – Regulatory C	omponent		
Wholesale Market Service Rate		\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)		\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)		\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)		\$	0.25

Effective and Implementation Date January 1, 2017

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

FR-2016-0075

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

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

APPLICATION

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

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

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

The rate rider for the disposition of Class B WMS – Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2015. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2015. These transition customers 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 in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

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.

Service Charge	\$	568.96
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(46.33)
Distribution Volumetric Rate	\$/kW	3.0421
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	0.2036
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.7699)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017		
- Applicable only for Class B Customers	\$/kW	0.1306
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.2568
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.7639

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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.

Service Charge Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025 Distribution Volumetric Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017 Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 Retail Transmission Rate – Network Service Rate – Interval Metered Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	S S/kW S/kW S/kW S/kW S/kW	1,093.75 (151.18) 2.7331 1.0107 (1.8638) 2.7254 2.1299
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate Rural or Remote Electricity Rate Protection Charge (RRRP) Ontario Electricity Support Program Charge (OESP) Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0036 0.0013 0.0011 0.25

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	4.86
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.0221
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0028)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017		
- Applicable only for Class B Customers	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

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 - APPROVED ON AN INTERIM BASIS

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

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	7.51
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.3138
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	0.8754
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017		
- Applicable only for Class B Customers	\$/kW	0.0951
Retail Transmission Rate – Network Service Rate	\$/kW	1.6659
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3017
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	S	0.25

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	0.43
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.1929
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.1907)
Rate Rider for Disposition of Capacity Based Recovery Account (2017) - effective until December 31, 2017		
- Applicable only for Class B Customers	\$/kW	0.0943
Retail Transmission Rate - Network Service Rate	\$/kW	2.0044
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5663
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

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

ALLOWANCES

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

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

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
Returned cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit service charge for paperless bill	\$	(10.00)
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	9.00
Disconnect/reconnect at meter – during regular hours	\$	20.00
Disconnect/reconnect at meter - after regular hours	\$	50.00
Disconnect/reconnect at pole – during regular hours	\$	50.00
Disconnect/reconnect at pole – after regular hours	\$	95.00
Other		
Service call – customer-owned equipment	\$	17.50
Service call – after regular hours	\$	95.00
Specific charge for access to the power poles – per pole/year		
(with the exception of wireless attachments)	\$	22.35
Overhead bond connection – per connection	\$	105.00
Underground bond connection – per connection	\$	100.00

Effective and Implementation Date January 1, 2017

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

EB-2016-0075

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the 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	1.0260
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0036

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 3 Filed: August 11, 2017

Appendix 3 2011 to 2016 IESO's CDM Results

(Presented in PDF and Excel format)

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 3 Filed: August 11, 2017

Table 3-1: 2011 to 2014 Verified Energy (kWh) and Peak Demand (kW) Results

			Incremen	ital Activity	c. Initiative and	Net Inc	remental Peak	Demand Saving			et Incremental Er			Program-to-Date Verif	
Initiative	Unit	(new prog		curring within ti ng period)	he specified	(new peak	demand saving specified repo	s from activity (erting period)	within the	(new energy sa	wings from activi per	ty within the sp riod)	ecified reporting	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy
		2011*	2012*	2015*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	Savines (kWh) 2014
Consumer Program															
Appliance Retirement	Appliances.	794	425	208	199	43	25	14	13	312,750	167,643	88,261	86,630	92	2,016,578
Appliance Exchange	Appliances.	24	21	54	67	3	3	11	14	3,328	5,639	19,950	24,752	29	93,653
HVAC Incentives	Equipment	1,216	1,093	1,379	1,720	450	253	287	351	861,367	449,783	505,653	650,307	1,341	6,453,191
Comervation Instant Coupon Booklet	Items	4,634	275	3,126	10,100	11	2	3	20	171,748	12,560	69,259	271,895	36	1,155,048
Bi-Annual Retailer Event	Items	8,353	9,530	8,487	43,342	15	13	11	72	263,995	240,387	154,331	1,104,068	111	3,190,472
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	222	0	0	717	124	0	0	251	0	0	0	0	251	0
Residential Demand Response (IHD)	Devices	0	0	0	456	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer Program Total						645	294	328	722	1,613,390	875,212	833,414	2,137,633	1,863	12,888,942
Businem Program															
Retrofit	Projects	26	107	116	103	110	1,035	939	1,107	549,202	5,028,199	6,406,319	7,229,048	3,175	57,161,425
Direct Install Lighting	Projects	225	160	76	87	313	156	105	108	778,995	353,306	361,892	384,907	624	3,699,263
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	1	2	0	0	0	2	0	0	0	20,616	2	20,616
Energy Audit	Audits	0	19	119	4	0	85	9	53	0	402,820	48,451	261,094	145	1,566,456
Small Commercial Demand Response	Devices	3	0	0	6	2	0	0	3	0	0	0	0	3	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	3	6	6	7	307	1,069	1,064	1,204	11,993	15,535	14,560	0	1,204	42,089
Business Program Total						752	2,363	2,117	2,477	1,340,190	6,000,060	6,831,422	7,895,666	5,151	44,509,867
Industrial Program															
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Retrofit	Projects	13	0	0	0	396	0	0	0	3,704,027	0	0	0	596	14,816,107
Demand Response 3	Facilities	0	0	22	22	0	0	3,576	3,686	0	0	81,439	0	3,686	81,439
Industrial Program Total						396	0	3,576	3,686	3,704,027	0	81,439	0	4,282	14,897,546
Home Assistance Program			_				_					_			
Home Assistance Program	Homes	0	0	0	52	0	0	0	1	0	0	0	20,414	1	20,414
Home Assistance Program Total						0	0	0	1	0	0	0	20,414	1	20,414
Aboriginal Program	1		_									_		_	
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011									_						
Electricity Retrofit Incentive Program	Projects	52	0	0	0	1,585	0	0	0	7,431,466	0	0	0	1,585	29,725,863
High Performance New Construction	Projects	4	0	0	0	62	1	0	0	317,091	983	0	0	63	1,271,313
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						1,447	1	0	0	7,748,356	983	0	0	1,448	30,997,176
Pre-2011 Programs completed in 2011 T	otal														
Pre-2011 Programs completed in 2011 T Other	otal														
Pre-2011 Programs completed in 2011 T Other Program Enabled Savings	Projects	0	6	1	0	0	2,304	16	0	0	1,188,562	96,000	0	2,320	3,757,086
Other		0	6	1 0	O n/a	0	2,304	16 0	O GES	0	1,188,362	96,000	0	2,520 666	5,757,086 0
Other Program Enabled Savings	Projects		_	_					_	-					
Other Program Enabled Savings Time-of-Use Savings LDC Pilots	Projects Homes	0	0	0	n/a	0	0	0	OBS	0	0	0	0	GEE	0
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total	Projects Homes	0	0	0	n/a	0	0	0	688 0	0	0	0	0	088 0	0
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results	Projects Homes	0	0	0	n/a	0	0 0 2,504	0 0 16	555 0 565 119	0	0 0 1,188,562	95,000	0 0 0 449,226	3,008 221	0 3,757,085 5,321,576
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results	Projects Homes	0	0	0	n/a	0	0 0 2,504	0 0 16	683 0 688 119 2,649	0	0 0 1,188,562	0 96,000	0 0 0 449,226 1,127,247	0 55 5 0 3,008 221 2,702	0 3,757,086 5,321,576 4,133,844
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results	Projects Homes	0	0	0	n/a	0	0 0 2,504 104	0 0 16 0 34	0 688 119 2,649 1,339	0	0 0 1,186,362 883,018	96,000 0 257,548	0 0 0 449,726 1,127,247 7,160,336	3,006 221 2,702 1,339	3,757,086 5,521,576 4,153,844 14,324,462
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total	Projects Homes	0	0	0	n/a	0 0 2,985	0 2,304 104	0 0 16 0 34	0 688 119 2,649 1,339 2,430	0	0 1,188,362 885,018 8,050,082	96,000 0 257,548 7,748,276	0 0 449,228 1,127,247 7,160,336	0 555 0 3,008 221 2,702 1,539 10,609	0 3,737,086 3,521,576 4,153,844 14,324,462 106,947,504
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1)	Projects Hornes Projects	0	0	0	n/a	0 0 2,985 433	2,304 104 3,694 1,069	0 16 0 34 1,396 4,640	0 688 119 2,649 1,339 2,430 3,145	0 0 14,394,170 11,993	0 1,188,362 883,018 8,050,082 15,335	95,000 0 257,548 7,748,276 95,999	0 0 449,226 1,127,247 7,160,536 10,053,733	0555 0 3,008 221 2,702 1,539 10,509 5,143	0 3,757,086 3,521,576 4,153,844 14,324,462 106,947,504 123,527
Other Program Enabled Savings Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified	Projects Hornes Projects Projects	0	0	0	n/a	0 0 0 2,986 433	2,304 104 3,894 1,099	0 0 16 0 34 1,396 4,640 34	08.5 0 0 68.6 119 2,649 1,339 2,430 5,145 4,106	14,394,170 11,993	0 1,188,362 883,018 8,050,082 15,335 883,018	95,000 0 257,548 7,748,276 93,999 257,548	0 0 449,226 1,127,247 7,160,536 10,053,753 0 8,756,809	0555 0 3,008 221 2,702 1,539 10,509 3,143 4,263	0 3,737,085 3,321,576 4,153,844 14,324,462 106,947,304 123,527 23,799,882
Other Program Enabled Savings Time-of-Use Savings Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified OPA-Contracted LDC Portfolio Total (inc	Projects Hornes Projects Projects Results Total Adjustments)	0	0	0	n/s O	2,986 433 0 3,419	2,504 104 104 3,894 1,009 104 3,067	0 16 0 34 1,396 4,640	0 688 119 2,649 1,339 2,430 3,145	0 0 14,394,170 11,993	0 1,188,362 883,018 8,050,082 15,335	95,000 0 257,548 7,748,276 95,999	0 0 449,226 1,127,247 7,160,336 10,053,753 0 8,736,809 18,790,342	0555 0 3,008 221 2,702 1,539 10,509 3,143 4,263 20,017	0 3,737,085 3,321,576 4,133,844 14,324,462 105,947,504 123,527 23,799,882 130,670,914
Program Enabled Savings Inne-of-the Savings DC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified	Projects Hornes Projects Projects Results Total Adjustments)	0	0	0	n/s O	0 0 0 2,986 433	0 2,504 104 1,04 1,009 104 3,067	0 0 16 0 34 1,396 4,640 34 6,091	653 0 688 119 2,649 1,339 2,430 5,145 4,108	14,394,170 11,993	0 1,188,362 883,018 8,050,082 15,335 883,018	95,000 0 257,548 7,748,276 93,999 257,548	0 0 449,226 1,127,247 7,160,536 10,053,753 0 8,756,809	0555 0 3,008 221 2,702 1,539 10,509 3,143 4,263	0 3,737,085 3,321,576 4,153,844 14,324,462 106,947,304 123,527 23,799,882

Table 3-2: Adjustments to 2011 to 2014 Verified Energy (kWh) and Peak Demand (kW) Results

Initiative	specified reporting period) the specified reporting											gy Savings (kW activity within ng period)	n the	Program-to-Date Verif (exclude 2014 Net Annual Peak Demand Savings (kW)	des DR) 2011-2014 Net Cumulative Energ Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program			:												
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-244	34	69		-71	7	15		-134,078	14,803	27,299		-48	-437,308
Conservation Instant Coupon Booklet	Items	74	0	9		0	0	0		2,476	0	212		0	10,329
Bi-Annual Retailer Event	Items	735	0	0		1	0	0		19,614	0	0		1	78,456
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total						-70	7	15		-111,988	14,803	27,511		-47	-348,523
Business Program															
Retrofit	Projects	5	15	15		135	38	282		1,002,941	283,829	1,402,288		454	7,663,497
Direct Install Lighting	Projects	27	0	0		40	0	0		92,924	0	0		38	364,297
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	0	1		0	0	2		0	0	2,845		2	5,690
Energy Audit	Audits	0	3	118		0	19	1,041		0	91,756	5,721,015		1,059	11,717,297
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						176	56	1,325		1,095,865	375,585	7,126,148		1,553	19,750,782
ndustrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	0	1		0	0	0		0	0	10,468		0	20,935
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total	•					0	0	0		0	0	10,468		0	20,935
Home Assistance Program								<u> </u>				<u>'</u>			
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Home Assistance Program Total	•					0	0	0		0	0	0		0	0
Aboriginal Program															
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0	***************************************	0	0
Aboriginal Program Total						0	0	0		0	0	0	1	0	0
Pre-2011 Programs completed in 2011						-	_			_				-	
	Designe	0	0	0		0	0	0		0	0	0		0	0
Electricity Retrofit Incentive Program	Projects			0		H		0			0	0		H	
High Performance New Construction	Projects	0	0			-1	0	0		-100,859	U	0		-1	-403,438 -
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						-1	0	0		-100,859	0	0		-1	-403,438
Other				·											
Program Enabled Savings	Projects	1	2	0		119	2,639	0		449,226	994,407	0		2,758	4,780,126
Time-of-Use Savings	Homes	0	0	0	,	0	0	0		0	0	0		0	0
DC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total				•		119	2,639	0		449,226	994,407	0		2,758	4,780,126
Adjustments to 2011 Verified Results						224				1,332,244				221	5,321,576
Adjustments to 2011 Verified Results						224	2,703			1,332,244	1,384,795			2,702	4,153,844
Adjustments to 2012 Verified Results							2,703	1,340			1,304,733	7,164,126		1,339	14,324,462
Total Adjustments to Previous Years' Verified F	Recults					224	2,703	1,340		1,332,244	1,384,795	7,164,126		4,263	23,799,882
						224	21/03	1,340		1,332,244	4,304,733	7,104,120		4,203	23,733,002

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 3 Filed: August 11, 2017

Table 3-3: 2011 Verified Persistence

Port	folio	Program	Initiative	LDC	Sector	Conservation (I	Implementation) Year	Status	Notes:	Activity Unit Name (i	ticipati Summ on Peal .e. # of Dema spliance Savin s) (MW	ss mer k Gross Energy Sa and (MWh) ngs	vings 2011	2012 2013	2014 2015	2016 2017	2018 2019	2020 2021	1 2022 2023	3 2024 2025	2026 202	7 2028 2029	9 2030	2040	2011 2	112 2013	2014	2015 20	016 2017	2018	2019 2	020 2021	2022	2023 2024	4 2025 20	26 2027	2028 2029	2030
	Consumer		Appliance Exchange	Guelph Hydro Electric Systems Inc.		EE		Final; Released August 31, 2012		Appliances		0.00		0.00 0.00				0.00 0.00	0.00 0.0	0.0 0.00		0.00 0.00			3.33	3.33 3.3	33 2.10			0.00		0.00 0.		0.00 0.0			0.00 0.00	
	Consumer		Appliance Retirement	Guelph Hydro Electric Systems Inc.		EE		Final; Released August 31, 2012		Appliances		0.09										0.00 0.00			312.75 3	12.75 312.7	75 312.24			0.00		0.00 0.		0.00 0.0		0.00		
	Consumer		Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc.		EE		Final; Released August 31, 2012		Products	7,818 0	0.01										0.00 0.00			264.00 2		204.00		16.45 163.	19 162.59			28 21.37		78 15.78 1			
	Consumer		Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	Final; Released August 31, 2012		Products	4,560 0	0.01	156 0.01	0.01 0.01	0.01 0.01	0.01 0.01	0.01 0.01	0.01 0.00	0.00 0.0	0.00 0.00	0.00 0.0	0.00 0.00	0.00	0.0	171.75 1	71.75 171.7	75 171.75	158.14 1	43.28 112.	05 111.35	139.81	54.37 17.	18 14.07	14.07 12.5	96 12.96 1	.60 0.00	0.00 0.00	0.00
Tier	Consumer		HVAC Incentives	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	Final; Released August 31, 2012		Installations	1,460 0	0.75	1,444 0.45	0.45 0.45	0.45 0.45	0.45 0.45	0.45 0.45	0.45 0.45	5 0.45 0.4	15 0.45 0.45	5 0.45 0.4	45 0.45 0.40	0.00	0.0	861.57 8	51.57 861.5	7 861.57	861.57 8	61.57 861.	57 861.57	861.57 8	61.57 861.	57 861.57	861.57 861.5	57 861.57 86	.57 861.57	861.57 813.24	0.00
Tier	Consumer		Residential Demand Response	Guelph Hydro Electric Systems Inc.	Residential	DR	2011	Final; Released August 31, 2012	New participants during the peaksaver extension period + Continuing participants that have signed a peaksaver PLUS	Devices	222 0	0.12	0 0.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.0	0.00 0.00	0.00 0.0	0.00 0.00	0.00	0.0	0.00	0.00 0.0	0.00	0.00	0.00 0.	0.00	0.00	0.00 0.	0.00	0.00 0.0	0.00	0.00	0.00 0.00	0.00
Tier	Consumer		Retailer Co-op	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	Final; Released August 31, 2012	Custom retailer initiative; Not evaluated	Products	0 0	0.00	0 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.0	0.0 0.00	0.00 0.0	0.00 0.00	0.00	0.0	0.00	0.00 0.0	0.00	0.00	0.00 0.	0.00	0.00	0.00 0.	0.00	0.00 0.0	0.00	0.00	0.00 0.00	0.00
	Business .		Commercial Demand Response (Residential program)	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	DR		Final; Released August 31, 2012	New participants during the peaksaver extension period + Continuing participants that have signed a peaksaver PLUS	Devices		0.00										0.00 0.00			0.00	0.00 0.0	0.00	0.00	0.00 0.	0.00	0.00	0.00 0.	0.00			0.00		
	Business		Demand Response 3 (Industrial program)	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	DR			Gross reflects contracted MW and Net reflects Ex ante MW	Facilities	5 0	0.41										0.00 0.00			11.99	0.00 0.0	0.00	0.00	0.00 0.	0.00	0.00	0.00 0.	0.00	0.00 0.0	0.00	0.00	0.00 0.00	0.00
Tier	Business		Direct Install Lighting	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	Final; Released August 31, 2012		Projects	198 0	0.29	839 0.31	0.31 0.31	0.26 0.26	0.26 0.09	0.09 0.09	0.09 0.08	8 0.08 0.0	0.0 0.00	0.00 0.0	0.00 0.00	0.00	0.0	778.99 7	78.99 766.8	80 615.13	615.13 6	15.13 217.	88 216.08	216.08 2	16.08 200.	95 200.95	0.00 0.0	0.00	0.00	0.00 0.00	0.00
Tier	Business		Retrofit	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	Final; Released August 31, 2012		Projects	21 0	0.15	722 0.11	0.11 0.11	0.11 0.11	0.11 0.11	0.11 0.07	0.07 0.07	7 0.01 0.0	0.01 0.01	1 0.01 0.0	0.00 0.00	0.00	0.0	549.20 5	19.20 549.2	20 549.20	549.20 5	49.20 549.	20 549.20	401.60 4	01.60 401.	60 51.69	51.69 51.0	59 51.69 5	.69 0.00	0.00 0.00	0.00
Tier	Industrial		Demand Response 3	Guelph Hydro Electric Systems Inc.	Industrial	DR	2011	Final; Released August 31, 2012	Gross reflects contracted MW and Net reflects Ex ante MW	Facilities	0 0	0.00	0 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.0	0.0 0.00	0.00 0.0	0.00 0.00	0.00	0.0	0.00	0.00 0.0	0.00	0.00	0.00 0.	0.00	0.00	0.00 0.	0.00	0.00 0.0	0.00	0.00	0.00 0.00	0.00
Tier	Industrial		Retrofit	Guelph Hydro Electric Systems Inc.	Industrial	EE	2011	Final; Released August 31, 2012		Projects	13 0	0.84	4,942 0.60	0.60 0.60	0.60 0.60	0.60 0.60	0.60 0.31	0.31 0.31	1 0.17 0.1	17 0.17 0.1	7 0.17 0.0	0.00 0.00	0.00	0.0	3,704.03 3,7	04.03 3,704.0	3,704.03	3,704.03 3,70	04.03 3,704.	03 3,704.03	1,738.51 1,7	38.51 1,738.	51 888.42	888.42 888.4	42 888.42 88	3.42 0.00	0.00 0.00	0.00
		rograms Completed in 2011	Electricity Retrofit Incentive Program	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	Final; Released August 31, 2012	Not evaluated; 2010 Evaluation findings used	Projects	52 2	2.66	14,283 1.39	1.39 1.39	1.39 1.39	1.39 1.39	1.39 1.39	1.39 1.39	9 1.39 1.3	39 0.00 0.0	0.00 0.0	0.00 0.00	00.0	0.0	7,431.47 7,4	31.47 7,431.4	7,431.47	7,431.47 7,4	31.47 7,431.	47 7,431.47	7,431.47 7,4	31.47 7,431.	47 7,431.47	,431.47 0.0	00.00	0.00	0.00 0.00	0.00
Tier	Pre-2011 Pr	rograms Completed in 2011	High Performance New Construction	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	Final; Released August 31, 2012	Not evaluated; 2010 Evaluation findings used	Projects	4 0	0.12	634 0.06	0.06 0.06	0.06 0.06	0.06 0.06	0.06 0.06	0.06 0.06	6 0.06 0.0	0.06 0.00	6 0.04 0.0	0.04 0.04	14 0.04	0.0	317.09 3	17.09 317.0	9 317.09	317.09 3	17.09 317.	09 317.09	317.09 3	17.09 317.	09 317.09	317.09 317.0	09 317.09 18	0.95 189.95	189.95 189.95	.89.95

Table 3-4: 2012 Verified Persistence

Table is at t	ne End User Level										I IN	et Annual Su	ımmer Pea	ak Demand Savings (N	MW)												Net Ann	ual Energy Sa	ings (MWh)														_
Portfolio	Program	Initiative	LDC Sector	Conservat Resource 1	ion (Implementat ype Year	tion) Status	s Notes:	Activity Unit Name	Activity/Participation (i.e. # of appliances)	Gross Summer Peak Demand Savings (MW)	Gross Energy Savings (MWh)	2011	2012	2013 2014		2016	2017 201	8 2019	2020	2021 20	22 202	3 2024	2025	2026 202	2028	2029	030 20	11 201:	2013	2014	2015 201	6 2017	2018	2019	2020 2021	2022	2023	2024 2	1025 202	.6 2027	2028	2029	20:
Tier 1	Business	Direct Install Lighting	Guelph Hydro El C&I	EE	2012		Released st 31, 2013	Projects	160	0.165626735	587.5615278	0 0	0.156242	0.156242 0.153913	3 0.144593	0.144593	0.062413 0.06241	3 0.062413	0.062413	0.062413 0.0614	27 0.06142	7 0	0	0 (0	0	0	0 553.5058	553.5058 5	3.6617 506.	5913 506.591	3 215.9348	215.9348 215	5.9348 215	5.9348 215.9348	8 206.2918	206.2918	0	0	0 0	0	0	
Tier 1	Business	Retrofit	Guelph Hydro El C&I	EE	2012		Released st 31, 2013	Projects	92	1.388190719	6555.028394	0	1.05506	1.048522 1.01943	7 0.841847	0.841847	0.753054 0.74506	5 0.745065	0.73688	0.629162 0.6229	25 0.62292	0.381533	0.304835 0.304	835 0.02936	0.01037	0.01037 0.0	037	0 5028.199	5006.77 4	11.772 433	.063 4331.06	3 4039.117	3990.373 399	90.373 393	32.828 3288.699	3100.01	3096.044	1706.742 1456	.171 1456.1	71 67.07108	3 23.1523	23.1523	23.15
Tier 1	Business	Energy Audit	Guelph Hydro El C&I	EE	2012		Released st 31, 2013	Audits	16	0.082834794	402.8200714	0 0	0.082835	0.082835 0.082835	5 0.082835	0	0	0 0	0	0	0 (0	0	0 (0	0	0	0 402.820	402.8201 4	2.8201 402.	3201	0	0	0	0 0) 0	0	0	0	0 0	. 0	0	
Tier 1	Consumer	Appliance Exchange	Guelph Hydro El Residen	ntial EE	2012		Released st 31, 2013	Appliances	21.44957288	0.006154475	10.94087235	0 0	0.003172	0.003172 0.003172	2 0.003153	0	0	0 0	0	0	0 (0	0	0 (0	0	0	0 5.638544	5.638544 5.	38544 5.62	1466	0	0	0	0 0) 0	0	0	0	0 0	. 0	0	
Tier 1	Consumer	Appliance Retirement	Guelph Hydro El Residen	ntial EE	2012		Released st 31, 2013	Appliances	425.97346	0.049437486	361.7420046	0 0	0.022817	0.022817 0.022817	7 0.022817	0.013667	0	0 0	0	0	0 (0	0	0 (0	0	0	0 167.643	167.6432 1	7.6432 167.	5432 103.947	2 0	0	0	0 (0	0	0	0	0 0	. 0	0	
Tier 1	Consumer	Bi-Annual Retailer Event	Guelph Hydro El Residen	ntial EE	2012		Released st 31, 2013	Products	9530.350209	0.014572888	262.5095536	0 0	0.013295	0.013295 0.013295	5 0.013295	0.012169	0.010298 0.00770	9 0.007681	0.007681	0.004954 0.0019	38 0.00193	0.001938	0.001905 0.001	905 0.00185	0.000521	0.000521 0.000	521	0 240.5868	240.5868 2	0.5868 240.	5868 216.272	2 175.8602	119.9547 119	9.7054 119	9.7054 60.80121	45.12243	43.7201	43.7201 40.66	779 40.667	/9 40.11147	11.25451	11.25451	11.254
Tier 1	Consumer	Conservation Instant Coupon Booklet	Guelph Hydro El Residen	ntial EE	2012		Released st 31, 2013	Products	277.5007498	0.002074235	11.91089322	0	0.00207	0.00207 0.00207	7 0.00207	0.002061	0.002061 0.00175	8 0.001754	0.001754	0.001754 3.23E-	05 3.22E-0	3.22E-05	3.11E-05 3.11	E-05 2.9E-0	0	0	0	0 12.5604	12.56041 1	.56041 12.5	5041 12.3717	1 12.37171	5.825798 5.7	93645 5.79	93645 5.793645	0.940977	0.757819	0.757819 0.651	233 0.6512	33 0.627141	. 0	0	
Tier 1	Consumer	HVAC Incentives	Guelph Hydro El Residen	itial EE	2012		Released st 31, 2013	Installations	1059.165786	0.512230995	919.7241184	0 0	0.253104	0.253104 0.253104	4 0.253104	0.253104	0.253104 0.25310	4 0.253104	0.253104	0.253104 0.2531	04 0.25310	0.253104	0.253104 0.253	104 0.25310	0.253104	0.253104 0.2	564	0 449.782	449.7827 4	9.7827 449.	7827 449.782	7 449.7827	449.7827 449	9.7827 449	9.7827 449.782	449.7827	449.7827	449.7827 449.7	827 449.78	27 449.7827	7 449.7827	449.7827	416.
Tier 1	Pre-2011 Programs Completed in 2011	High Performance New Construction	Guelph Hydro ElC&I	EE	2012		Released st 31, 2013	Projects	0.008983263	0.001015109	0.983474126	0 0	0.001015	0.001015 0.001015	5 0.001015	0.001015	0.001015 0.00101	5 0.001015	0.001015	0.001015 0.0010	15 0.00101	5 0	0	0 (0	0	0	0 0.983474	0.983474 0	983474 0.98	3474 0.98347	0.983474	0.983474 0.9	83474 0.98	83474 0.983474	0.983474	0.983474	0	0	0 0	. 0	0	
Tier 1	Business	Demand Response 3 (part of the Industr program schedule)	Guelph Hydro ElC&I	DR	2012		Released st 31, 2013	Facilities	6	1.068791228	15.53522	0 1	1.068791	0 0	0 0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 15.53522	0	0	0	0	0	0	0 0) 0	0	0	0	0 0	. 0	0	
Tier 1	Other	Program Enabled Savings	Guelph Hydro Electric Sy	stems Inc.	2012	Final;	Released st 31, 2013		4	2.304	1188.362	0	2.304	2.304 2.304	4 0.228	0.228	0.228 0.22	8 0.228	0.228	0.228 0.2	28 0.221	0.228	0.228 0	.228 (0	0	0	0 1188.362	1188.362 1	88.362 118	.362 1188.36	2 1188.362	1188.362 118	88.362 118	88.362 1188.362	1188.362	1188.362	1188.362 1188	.362 1188.3	i2 0	. 0	0	
Tier 1 True	Jp Business	Retrofit	Guelph Hydro ElC&I	EE	2011		Released st 31, 2013	Projects	5	0.1900995	1304.130296	0.135346	0.135346	0.135346 0.135346	6 0.135346	0.135346	0.127946 0.04544	5 0.030281	0.030281	0.030281 0.0302	81 0.01685	0.016858	0.016858 0.016	i858 (0	0	0 1002.9	41 1002.94	1002.941 1	02.941 100	.941 1002.94	947.0138	259.3863 201	1.3198 201	1.3198 201.3198	3 201.3198	115.0698	115.0698 115.0	115.069	18 0	. 0	0	
Tier 1 True	Jp Business	Direct Install Lighting	Guelph Hydro ElC&I	EE	2011		Released st 31, 2013	Projects	27	0.043463012	100.0753103	0.040224	0.040224	0.040224 0.037575	5 0.037575	0.037575	0.006394 0.00639	4 0.006394	0.006394	0.006332 0.0063	32 (0	0	0 (0	0	0 92.923	84 92.92384	92.92384 8	.52541 85.5	2541 85.5254	1 14.96975	14.96975 14.	96975 14.9	96975 14.56064	14.56064	0	0	0	0 0	. 0	0	
Tier 1 True	Jp Pre-2011 Programs Completed in 2011	High Performance New Construction	Guelph Hydro El C&I	EE	2011		Released st 31, 2013	Buildings	-0.014798068	-0.001966663	-201.7187824 -	0.000983 -0	0.000983	-0.000983 -0.000983	3 -0.000983	-0.000983	-0.000983 -0.00098	3 -0.000983	-0.000983	-0.000983 -0.0009	83 -0.00098	-0.000983	-0.000983	0 (0	0	0 -100.85	94 -100.8594	-100.8594 -1	0.8594 -100.	3594 -100.859	4 -100.8594	-100.8594 -100	0.8594 -100	0.8594 -100.8594	-100.8594	-100.8594	-100.8594 -100.8	1594	0 0	. 0	0	
Tier 1 True	Jp Consumer	HVAC Incentives	Guelph Hydro El Residen	ntial EE	2011		Released st 31, 2013	Installations	-244.0004097	-0.071274782	-0.071274782 -	0.071275 -0	0.071275	-0.071275 -0.071275	5 -0.071275	-0.071275	-0.071275 -0.07127	5 -0.071275	-0.071275	-0.071275 -0.0712	75 -0.07127	-0.071275	-0.071275 -0.071	.275 -0.07127	-0.071275 -	0.060547	0 -134.07	85 -134.078	-134.0785 -1	4.0785 -134.	0785 -134.078	5 -134.0785	-134.0785 -134	1.0785 -134	.0785 -134.0785	-134.0785	-134.0785	-134.0785 -134.0	785 -134.07	85 -134.0785	-134.0785	-124.502	
Tier 1 True	Jp Consumer	Bi-Annual Retailer Event	Guelph Hydro El Residen	ntial EE	2011	Final; I Augus	Released st 31, 2013	Products	734.9836048	0.001047533	21.32282033	0.000969	0.000969	0.000969 0.000969	9 0.000969	0.000886	0.000506 0.00050	6 0.000506	0.000159	6.6E-05 6.6E-	05 6.6E-0	6.3E-05	6.3E-05 6.28	E-05 (0	0	0 19.613	97 19.6139	19.61397 1	.61397 19.6	1397 17.8234	8 9.622703	9.620743 9.6	20743 2.:	12241 1.783061	1.637388	1.637388	1.35879 1.35	879 1.3571	i6 0	. 0	0	
Tier 1 True	Jp Consumer	Conservation Instant Coupon Booklet	Guelph Hydro El Residen	ntial EE	2011		Released st 31, 2013	Products	73.80648639	0.000131207	2.29949467	0.000145	0.000145	0.000145 0.000145	5 0.000145	0.000135	9.42E-05 9.4E-0	9.4E-05	5.26E-05	6.95E-06 6.94E-	06 6.94E-0	6.76E-06	6.76E-06 6.64	E-06 (0	0	0 2.4762	83 2.476283	2.476283 2	176283 2.47	5283 2.26253	2 1.388044	1.386154 1.3	86154 0.49	90996 0.221754	0.161349	0.161349	0.144806 0.144	806 0.1433	,2 0	. 0	0	

Table 3-5: 2013 Verified Persistence

	Portfolio	Program	Initiative	LDC	Sector	Conservation Resource e Type	Tx (Transmi v ssion) or Dx (Im entity) Y (Distribu tion) connect ed	plem ation Notes fear	Activity Unit Name (i.	ctivity/ Carticipa Sition .e. # of Dipplianc Sition	Gross ummer Peak emand svings (MW)	Gross Energy Savings (MWh)	11 2012 2	2013 2014	2015	2016 201	7 2018	2019 202	2021	2022 202	23 2024	2025 2	026 2027	2028 :	2029 2030	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027 20	28 20	129 20	030
LDC			ergy Audit Funding		Commercial & Institutional	EE		2012 N/A	Audit	3	0.016	75.529		0.016 0.01													75.529		75.529																
LDO			ergy Audit Funding		Commercial & Institutional	EE		2013 N/A	Audit	1	0.013	73.311		0.009 0.00	9 0.009	0.009												48.451	48.451	48.451	48.451														
LDO		Business DI			Commercial & Institutional	DR		2013 N/A	Facilities	6				1.064														14.560																	
LDO		Business Re			Commercial & Institutional			2012 N/A	Projects	6	0.042	220.765	0.032	0.032 0.03	2 0.031	0.031 0.0	29 0.028	0.028 0.0	0.023	0.022 0.0	0.001	0.001	.001 0.00	1 0.000	0.000 0.000	0.000	169.662	169.662	169.121	163.106	163.106	156.977	155.715	155.715	141.166	133.626	117.034	117.034	4.868	4.145	4.145	4.145	1.134	0.000	0.000
LDC		Business Re			Commercial & Institutional			2013 N/A	Projects	101		9,432.736		0.939 0.93		0.938 0.8	97 0.889		389 0.866		744 0.744		.627 0.62		0.028 0.027		0.000	6,406.519	6,402.307	6,402.307	6,402.307				,230.027 6			5,437.254 5		4,796.744	4,788.609		6.579	67.461	64.632
LDC	3 1	Business Sr	nall Business Lighting	Guelph Hydro Electric S	Commercial & Institutional	EE	Dx	2013 N/A	Projects	76	0.111	383.413		0.105 0.10	5 0.103	0.099 0.0	57 0.057	0.057 0.0	0.057	0.057 0.0	057 0.043	0.000	.000 0.00	0.000	0.000 0.000			361.892	361.892	354.527	338.743	199.248	199.248	199.248	199.248	199.248	199.248	198.871	145.485	0.000	0.000	0.000	0.000	0.000	0.000
LDO	5	Consumer Ar	nual Coupons	Guelph Hydro Electric Systems Inc.	Residential	EE	Dx	Custom loadshapes for some clotheslines, 2013 outdoor timers and power bars based on so results.	urvey measures	3,116	0.004	61.466 0.0	00 0.000	0.005 0.00	5 0.004	0.004 0.0	0.004	0.004 0.0	0.003	0.000 0.	002 0.002	0.002	.002 0.00	2 0.002	0.002 0.001	0.000	0.000	69.239	69.239	66.571	56.399	56.399	56.399	56.399	56.352	40.978	40.978	37.259	36.728	36.728	36.577	36.577	6.546	35.417	20.789
LDO		Consumer Ap	pliance Exchange	Guelph Hydro Electric S	Residential	EE	Dx	2013 Dehumidifier Load Shape	Appliances	54	0.021	37.903		0.011 0.01	1 0.011	0.011 0.0	0.000	0.000 0.0	0.000	0.000 0.0	000.00	0.000	.000 0.00	0.000	0.000 0.000			19.950	19.950	19.950	19.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LDO		Consumer Ap	pliance Retirement	Guelph Hydro Electric S	Residential	EE	Dx	2013 N/A	Appliances	208	0.031	188.044		0.014 0.01	4 0.014	0.014 0.0	0.000	0.000 0.0	0.000	0.000 0.0	000.00	0.000	.000 0.00	0.000	0.000 0.000			88.206	88.206	88.206	87.899	50.376	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LDO		Consumer Bi	-Annual Retailer Events	Systems Inc.	Residential	EE	Dx	Custom loadshapes for some clotheslines, 2013 outdoor timers and power bars based on st results.		8,487	0.010	147.697 0.0	00 0.000	0.011 0.01	1 0.010	0.008 0.0	0.008		008 0.007		005 0.003	0.003	.003 0.00	3 0.003	0.003 0.002	0.000	0.000	154.331	154.331	145.032	113.298	113.298	113.298	113.298	113.164	95.165	95.165	82.808	53.238	53.238	50.428	50.428	0.068 4	43.217	25.367
LDO		Consumer H		Guelph Hydro Electric S		EE		2013 Blended Load Shape used for furnaces	Equipment	1,310	0.595	1,058.632		0.287 0.28	7 0.287	0.287 0.2	87 0.287	0.287 0.2	287 0.287	0.287 0.3	287 0.287	0.287	.287 0.28	7 0.287	0.287 0.287			503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633	503.633 50	3.633 50	03.633 50	503.633
LDO		Consumer H		Guelph Hydro Electric S		EE		2012 Blended Load Shape used for furnaces	Equipment	28	0.014	25.196	0.006	0.006 0.00	6 0.006	0.006 0.0	0.006	0.006 0.0	0.006	0.006 0.0	0.006	0.006	.006 0.00	6 0.006	0.006 0.006		12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	12.283	2.283 1	12.283	11.588
LDO	0 1	Industrial DI		Guelph Hydro Electric S		DR		2013 N/A	Facilities	22				3.576														81.439																	
LDO		Other Pr	ogram Enabled Savings	Guelph Hydro Electric S		EE		2013 N/A		1	0.016	96.000 0.0	00 0.000	0.016 0.01	6 0.016	0.016 0.0	16 0.016	0.016 0.0	0.016	0.016 0.0	0.016	0.016	.016 0.01	6 0.000	0.000 0.000	0.000	0.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	0.000	0.000	0.000
LDO			pliance Retirement	Guelph Hydro Electric S		EE		2013 N/A	Appliances	0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDO		Consumer H	/AC	Guelph Hydro Electric S	Residential	EE	Dx	2012 Blended Load Shape used for furnaces	Equipment	0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 3-6: 2014 Verified Persistence

			Tx																																				
			(Transm	ni or			Activity/ Participa	Gross Summer	Gross																														4 /
			ation Dx	(Implem		Activity Unit		Peak	Fnerov			_		.					l			l																	4 /
Portfolio Program Initiative	LDC	Sector	Resourc (Distrib	ou v '	Notes		(i.e. # of	Demand	Savings	011 2012	2013 2014 20	5 20	16 2017 201	8 201	9 2020	2021 20	22 2023	3 2024	2025	2026	2027 2028	2029	2030	2011 20)12	2013 2014	2015 20	16 :	2017 2018	2019	2020	2021	2022	2023	2024 2025	2026 2027	2028	2029	2030
			e Type tion)	Tear			applianc	Savings	(MWh)																														4 7
			connec	ct			es)	(MW)																															4 7
LDC Business Disease tradell Helphine	Contability des E Co		ea	2014 - /-		Descio etc	07 4	07.8756817	384907 4393		0 0.107876 0.10	505 0.40	2071 0.066075 0.066	0.75	0.000075	0.000075 0.0	C075 0.0000	0.00000	0.034453			0			0	0 204 0074202	275 4027000 250 5	07024 245	0043000 345 004300	245 004300	245 004200	0 345 004300	0 245 0042000 2	45 00 43000	241.9266179 80.35439699	0			
LDC Business Direct Install Lighting LDC Business Energy Audit	Guelph Hydro E Co Guelph Hydro E Co		EE DX	2014 n/a 2012 n/a		Projects Audit			7686 537864	0 0.00051	17 0.000517 0.000517 0.00		0 0 0	0.000	0.000075	0.000075 0.0	0.000	0.00303	0 0	0	0	0 0	0	0 2562	170288 2.56	62179288 2 562179288		n 245	0.9842809 245.984280	0 245.984280	245.984280	0 245.984280	0 0	45.9842809	0 0 0	0	0	0	-
LDC Business Energy Audit	Guelph Hydro E Co		EE Dx	2012 n/a		Audit		10210020	40994.86861		59 0.002759 0.002759 0.00	759	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 21002	649562 13		2.0022.0200	0	0	0		0	0 0	0	0 0	0	0	0	j
LDC Business Energy Audit	Guelph Hydro E Co		EE Dx	2013 n/a		Audit	1	0.00584503	64.27018981	0	0 5.85E-06 5.85E-06 5.8	E-06 5.85	E-06 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0			0.032135095 0.032	35095	0	0		0	0 0	0	0 0	0	0	0	o r
LDC Business Energy Audit	Guelph Hydro E Co	mmercial	EE Dx	2013 n/a	1	Audit	118 1	040.585555	11441965.08	0	0 1.040586 1.040586 1.04	586 1.04	0586 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 572	20.982541 5720.982541	5720.982541 5720.9	82541	0	0	0	0 1	0 0	0	0 0	0	0	0	o r
LDC Business Energy Audit	Guelph Hydro E Co		EE Dx	2014 n/a	1	Audit		3.46772206	261094.2802	0	0 0.053468 0.05		3468 0.053468	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0		261.0942802 261.0			0) (0 1	0 0	0	0 0	0	0	0	J F
LDC Business High Performance New Construction	Guelph Hydro E Co		EE Dx	2013 n/a			1 1		5690.290909	0	0 0.001696 0.001696 0.00		1696 0.001696 0.001							0.001696	0.001696	0 0	0	0	0 2.84										2.845145455 2.845145455			0	9 0
LDC Business High Performance New Construction	Guelph Hydro E Co		EE Dx	2014 n/a			2 2	.020961296	20615.86889	0	0 0.002021 0.00		2021 0.002021 0.002							0.002021	0.002021 0.00202	1 0	0	0	0		20.61586889 20.61								20.61586889 20.61586889			889) (
LDC Business Retrofit	Guelph Hydro E Co		EE Dx	2012 n/a		Projects	9	5.07	420105.44	0 0.0050			0507 0.00271 0.00			0.002.2		0.0011	0.00220	0.00118	0.00220	8 0.00118	0.00118	0 1	114.167		114.167 1		105.636 105.63				6 102.992		96.89 96.89	30.00		.267 4.26	
LDC Business Retrofit LDC Business Retrofit	Guelph Hydro E Co Guelph Hydro E Co		EE Dx	2013 n/a 2014 n/a		Projects Projects		81.5579995 106.594668	2800786.199 7229048.029	0	0 0.282466 0.281558 0.28		1558 0.266172 0.204 0944 1.082467 1.078							0.152163 0	0.152163 0.1225 0.703616 0.7036	0.000147	0 024020	0	0 14										747.2456279 686.9673138 4976.207371 4420.227154				
LDC Consumer Appliance Exchange	Guelph Hydro E Co		EE DX	2014 N/a 2014 Dehumidifier Lo		Annliances			7229048.029 24752 47182	0	0 0 1.106595 1.10			0 1.078	0 1.059043	1.059043 1.0	0.930	0.84421	0.832304	0.731077 0	0.703616 0.7036.	0.547068	0.034038	0	0		7209.229549 7209.			0 7125.90000	7031.09845	0 7031.09845	0 03/4.//9812 3	0814.475392	49/6.20/3/1 4420.22/154	3/47.508939 3051.3488	0 3031.3488	0 2801.00272	105.2012507
LDC Consumer Appliance Retirement	Guelph Hydro E Re		FF Dx	2014 Denumbuner Los 2014 n/a		Appliances	0		313.2241398	0	0 0 0.0035 0.0		0035 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0		0.31322414 0.31		0	0	1	0	0 0	0	0 0	0	0	0	0
LDC Consumer Appliance Retirement	Guelph Hydro E Re		FF Dx	2014 n/a		Appliances	4 0		1262 335233	0	0 0 0 000708 0 00		0708 0.000708	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0		1 262335233 1 262		62335233	0		0	0 0	0	0 0	0	0	0	0
LDC Consumer Appliance Retirement	Guelph Hydro E Re		EE Dx	2014 n/a	,	Appliances	69.03593 4	.807480684	34808.89352	0	0 0.004807 0.00		4807 0.004807	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 34.80889352	34.80889352 34.80	89352 34.8	80889352	0) (0	0 0	0	0 0	0	0	0	0
LDC Consumer Appliance Retirement	Guelph Hydro E Re		EE Dx	2014 n/a	1	Appliances	123.0898 7	.384348918	50245.91907	0	0 0.007384 0.00	384 0.00	7384 0.007384 0.007	384	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 50.24591907	50.24591907 50.24	91907 50.2	24591907 50.2459190	07	0	0 1	0 0	0	0 0	0	0	0	0 (
				Custom loadsha	apes for clotheslines,																																		
					and power bars based on																																		
LDC Consumer Bi-Annual Retailer Event	Guelph Hydro E Re	sidential	EE Dx	2014 survey results.	r	measures	43342.01 7	2.25604673	1104067.862	0	0 0.072256 0.06	0.05	8285 0.058285 0.058	285 0.058	285 0.058285	0.058242 0.0	8242 0.054	373 0.04948	82 0.041916	0.041916	0.041715 0.0417	5 0.041629	0.033842	0	0	0 1104.067862	957.7672076 881.5	34072 881	1.5234072 881.523407	2 881.523407	881.523407	2 881.141544	6 881.1415446 8:	319.5105898	796.7203553 673.7133937	673.7133937 664.06587	664.06587	3759 663.127039	4 539.0787167
					apes for clotheslines,																																		
			L. L	outdoor timers a	and power bars based on		9.433473	_			0 0.000015 0.000015 0.00													_	_	0.212 0.212	0.201		0.174 0.17	74 0.17	0.17	4 0 14	6 0.146	0.139	0.139 0.139	0.139	89 0.1	.139 0.07	
LDC Consumer Conservation Instant Coupon Booklet	Guelph Hydro E Re	sidential	EE DX	2013	apes for clotheslines,	measures	9.4334/3	0	212	- 0	0 0.000015 0.000015 0.00	0.00	0013 0.000013 0.000	013 0.000	0.000013	0.000011 0.0	0.000	0.00000	0.000009	0.000009 0	0.000009 0.00000	9 0.000005	0.000005	U	- 0	0.212 0.212	0.201	0.1/4	0.1/4 0.1/	4 0.17	0.174	4 0.14	b 0.14b	0.139	0.139 0.139	0.139 0.3	39 0.1	.139 0.07	0.073
					and power bars based on																																		
LDC Consumer Conservation Instant Coupon Booklet	Guelph Hydro E Re	sidential	FF Dx	2014 survey results		measures	10100 1 2	0.40717428	271895 0872	0	0 0 0 0 0 0 0 0 0 0	232 0.01	8647 0.018647 0.018	647 0.018	8647 0.018647	0.01784 0	1784 0.01	578 0.01165	57 0.011449	0.011449	0.011427 0.01143	7 0.011398	0.005196	0	0	0 271 8950877	253 7765809 244 7	70901 244	7370901 244 737090	11 244 737090	244 737090	1 232 233726	3 232 2337263 19	199 3895717	184.7106999 180.0903808	180 0903808 179 03030	179 03030	3051 178 664778	8 79 8701690
LDC Home Assistant Home Assistance Program	Guelph Hydro E Re	sidential	EE Dx	2014 n/a		Homes	52	1.3729588	39951.7769	0	0 0.001418 0.00	373 0.00	1231 0.001175 0.001	135 0.001	135 0.001135	0.001135 0.0	0541 0.000	0.0004	41 0.00041	0.00041	0.00041	0 0	0	0	0	0 20.41402341	19.53775402 16.80	45306 15.7	72360681 14.9587284	5 14.9587284	14.9587284	5 14.9587284	5 3.497	3.375	3.375 3.375	3.375 3.3	75	0	0
																															1								
LDC Consumer HVAC Incentives	Guelph Hydro E Re	sidential	DR Dx	2013 Blended Load Sh	hape used for furnaces	Equipment	69 1	5.43527203	54597.25763	0	0 0.015435 0.015435 0.01		5435 0.015435 0.015									5 0.015435		0											27.29862882 27.29862882				
LDC Consumer HVAC Incentives	Guelph Hydro E Re		EE Dx	2012 n/a	E	Equipment			7337.0402	0 0.00140	07 0.001407 0.001407 0.00													0 2.445	680067 2.44										2.445680067 2.445680067				
LDC Consumer HVAC Incentives	Guelph Hydro E Re		EE Dx	2014 n/a		Equipment	1720 3		650307.4599	0	0 0 0.350747 0.35		0747 0.350747 0.350											0	0										650.3074599 650.3074599				
LDC Program Enable LDC Program Enabled Savings	Guelph Hydro E Oti		EE Dx	2011 n/a 2012 n/a		Projects Projects	1	119.475	1796904 0.: 2983221 6		75 0.119475 0.119475 0.11 88 2.6388 2.6388 2		9475 0.119475 0.119 6388 2.6388 2.6		9475 0.119475						0.119475 0.11947	5 0.119475			149.226	449.226 449.226			449.226 449.22 994.4072 994.407					449.226	449.226 449.226 994.4072 994.4072			.226 449.22	6 449.226
	eacipii injaic e e e		EE DX			Projects	2	2638.8	2983221.6	U 2.638		388 2.	b.588 2.6388 2.6	388 2.6	2.6388	2.6388 (1683 0.10	0.168	0.1683	U.1683	0.1683 0.168	0.1683	U.1683	0 99	34.40/2	994.4072	994.4072 99	4.40/2	994.4072 994.407	994.407	994.407	2 994.407	2 994.4072	994.4072	994.4072 994.4072	994.40/2 994.40	/2 994.40	994.407	994.407
LDC Other Time-of-Use Savings Tier 1 Business Demand Response 3	Guelph Hydro E Oti Guelph Hydro E Co		DR Dx	2014 n/a 2014 n/a		n/a Facilities	7 6	88.4239662	0	0	0 0.688424	0	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0		0	0 0	0	0 0	0	0	0	4 -
Tier 1 Business Commercial Demand Response	Guelph Hydro E Co		DR Dx	2014 n/a 2009 n/a		Devices	3			0	0 0 0.001684	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	0	0 0	n	0 0	0	0	0	
Tier 1 Business Commercial Demand Response	Guelph Hydro E Co		DR Dx	2011 n/a		Devices	3			0	0 0.001684	ō	0 0	ő	0 0	0	0	0	0 0	0	ő	0 0	0	ő	0	o o	Ö	0	ő	o		0	0 0	0	0 0	0	0	0	0
Tier 1 Consumer Residential Demand Response	Guelph Hydro E Re	sidential	DR Dx	2007 n/a		Devices	9			0	0 0.003162	0	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0 0	0	0	0	0
Tier 1 Consumer Residential Demand Response	Guelph Hydro E Re	sidential	DR Dx	2008 n/a		Devices	63			0	0 0.022134	0	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0) (0	0 0	0	0 0	0	0	0	5 1
Tier 1 Consumer Residential Demand Response	Guelph Hydro E Re	sidential	DR Dx	2009 n/a		Devices	94			0	0 0.033026	0	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0) (0	0 0	0	0 0	0	0	0) (
Tier 1 Consumer Residential Demand Response	Guelph Hydro E Re		DR Dx	2010 n/a		Devices	228			0	0 0.080106	0	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	0 0	0	0 0	0	0	0	J (
Tier 1 Consumer Residential Demand Response	Guelph Hydro E Re		DR Dx	2011 n/a		Devices	151			0	0 0.053052	0	0 0	0	0 0	0	0	0	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 (
Tier 1 Consumer Residential Demand Response	Guelph Hydro E Re		DR Dx	2014 n/a		Devices	172			0	0 0.060008	0	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	0 0	0	0 0	0	0	0	4
Tier 1 Industrial Demand Response 3 Tier 1 Industrial Energy Managers	Guelph Hydro E Inc		DK DX	2014 n/a 2012 n/a		Facilities	22			0	0 0 3.686434	U	U 0	0	0 0	0	U	0	0 0	0	U	0 0	0	0	0	0 0	0	U O	U	0	1 .	0	0	0	0 0	0	U	0	4
Tier 1 Industrial Energy Managers Tier 1 Industrial Energy Managers	Guelph Hydro E Inc		EE DV	2012 n/a 2013 n/a			1	0 177400	20935 38462	0	0 0 0 0	1177	0 0	0	0 0	0	0	0	0 0	U O	0	0 0	0	U	0 10 4	0 0 46769231 10 46769231	10.46760731	0	0	0	1	0 .	0 0	0	0 0	0	0	0	+
ner i inuustriai Energy Mahagers	Gueipii riyaro Elino	iustriai	EE DX	2013 11/8			1	0.177498	20933.38402	0	0 0.000177 0.000177 0.00	11//	0	9	0	U	o o	0	0	U	v	9	U	U	0 10.4	40/09231 10.40/09231	10.40/05231	J	9	9	4 '	v '	9 9	U	vj 0	U U	4	o	4

Table 3-7: 2015 (including Adjustments) and 2016 Verified Energy (kWh) and Peak Demand (kW) Results

Progress Report	Net Increment		nergy Savings			1_		Net Incremental First Year Peak Demand Savings
For: Guelph Hydro Electric Systems Inc.	Verified (kV	h)				Progres	s (%)	Verified (kV) Progress (%)
# Programs						10		
		ŧ	T			2015		2015
	5	15 :mei 016	djusted 2015	9	<u>,,</u>	8	9 2	2015 2015 2015 in 2016 2015 2016 Total Total
	2015	2015 justmo n 2011	, j j	2016	Total) iš	2016 Total	2015 2015 2016 2016 2016 2016 Total
		2015 Adjustment in 2016	ď			Adjusted		2015 2015 2016 in 2016 2016 2016 Total Total Total
204F 2020 C						_		
2015-2020 Conservation First Framework Programs Residential Province-Vide Programs								
1 Save on Energy Coupon Program	734,476	84,221	818,697	3,738,398	4,557,095	173%	1175% 575%	47 5 52 243 295 158% 1105% 536 :
2 Save on Energy Heating & Cooling Program	240,796	35,577	276,373	1,333,152	1,609,525	679%	774% 756%	4 124 18 142 392 534 115% 74% 82 3
3 Save on Energy New Construction Program	0		30,500	0	30,500	16%	0% 8%	
4 Save on Energy Home Assistance Program	075 272		0	0 E 074 EE0	0 107 100	100m/ E	0% 0%	
Sub-total: Residential Province-Vide Programs	975,272	150,298	1,125,570	5,071,550	6,197,120	160% 5	375% 375%	4 171 29 200 635 835 100% 70% 75:
Business Province-Vide Programs			0:			Onci	014 014	c 0 0 0 0 0 0 0 0x 0x
5 Save on Energy Audit Funding Program 6 Save on Energy Retrofit Program	0		0 674,627	3,301,403	3,976,030	0%	0% 0% 65% 78%	
7 Save on Energy Small Business Lighting Program	·		014,021	0,001,400	0,010,000		0% 0%	
8 Save on Energy High Performance New Construction Program			122,249	98,558	220,807		43% 97%	
9 Save on Energy Existing Building Commissioning Program	0		0	0	0			0 0 0 0
10 Save on Energy Process & Systems Upgrades Program	0		0	0	0		0% 0%	
11 Save on Energy Energy Manager Program	0		0	0	0		014	0 0 0 0
12 Save on Energy Monitoring & Targeting Program 13 Save on Energy Retrofit Program - P4P	0		0	0			0% 0%	4 0 0 0 0 0 0 0; 0:
14 Save on Energy Process & Systems Upgrades Program - P4P				0 0				0 0 0 0 0
Sub-total: Business Province-Vide Programs	0	796,876	796,876	3,399,961	4,196,837	***	48% 58%	
Local & Regional Programs								
Sub-total: Local & Regional Programs	0	0	0	0	0			0 0 0 0 0
LDC Innovation Fund Pilot Programs								
Sub-total: LDC Innovation Fund Pilot Programs	0	0	0	0	0			0 0 0 0 0
Program Enabled Savings								
Sub-total: Program Enabled Savings	_	-	- 1	-	-			
Other								
Sub-total: Other	_	_	_		_		0% 0%	4 0% 0%
Sub-total: 2015-2020 Conservation First Framework	975,272	947,174	1,922,446	8,471,511	10,393,957	247%	101% 113%	
Conservation Fund	010,212	011,111	1,022,110	0,111,011	10,000,001	21178	10172 11072	
Sub-total: Conservation Fund	0	0	0	708	708			0 0 0 0 0
2011-2014-2015 Extension Legacy Framework Programs		•		100	100			
Residential Program								
57 Appliance Retirement Initiative	46,864	0	46,864		46,864			7 0 7 - 7
58 Coupon Initiative	223,005		228,355	-	228,355	29%	29%	
59 Bi-Annual Retailer Event Initiative	327,422		327,422	-	327,422			24 0 24 - 24
60 HVAC Incentives Initiative	515,733 0	·····	528,338 0	<u>-</u>	528,338	338%	338%	273 6 279 - 279 50% 50 0 0 0 0 - 0
61 Residential New Construction and Major Renovation Initiative Sub-total: Residential Program	1,113,024	17,955	1,130,979		1,130,979	119%	119%	
	1,110,024	,000	.,100,010		.,,,,,,,,,,		110%	JET VET VET
Commercial & Institutional Program 62: Energy Audit Initiative	142,541	9,592	152,133		152,133			30 2 32 - 32
63 Efficiency: Equipment Replacement Incentive Initiative	14,020,784	1,007,040	15,027,824		15,027,824	141%	141%	
64 Direct Install Lighting and Water Heating Initiative	102,095		102,095	-	102,095	76%	76%	
65 New Construction and Major Renovation Initiative	0		92,866	-	92,866			0 21 21 - 21
66 Existing Building Commissioning Incentive Initiative	0		0	-	0			0 0 0 - 0
Sub-total: Commercial & Institutional Program	14,265,420	1,109,498	15,374,918	-	15,374,918	143%	143%	7,045 170 7,215 - 7,215 377% 3777
Industrial Program								
67 Process and Systems Upgrades Initiatives - Project Incentive			42,147,864	-	42,147,864	108%	108%	
68 Process and Systems Upgrades Initiatives - Energy Manager In 69 Process and Systems Upgrades Initiatives - Monitoring and T.		0		······································	17,239			5 0 5 - 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Sub-total: Industrial Program	42,165,103	0	42,165,103	-	42,165,103	108%	108%	
	12,100,100	- 0				130/4	100%	110.10 0 110.10
Low Income Program 70: Low Income Initiative	526,869	0	526,869		526,869	62%	62%	43 0 43 - 43 4% 43
Sub-total: Low-Income Program	526,869	0	526,869	-	526,869	62%	62%	
Other	223,030				130,000	- 372	127	
71 Aboriginal Conservation Program	0	0	0		0			0; 0; 0; - 0
72 Program Enabled Savings	0		0	······································	0			0 0 0 - 0
Sub-total: Other	0	0	0	-	0			0 0 0 - 0
Sub-total: 2011-2014+2015 Extension Legacy Framework	58,070,416		59,197,869		59,197,869	115%	115%	
Total	59,045,688	2,074,627	61,120,315	8,472,219	69,592,534	117%	101% 115%	12,393 352 12,745 1,213 13,958 342% 51% 229:

Table 3-8: 2015 (including Adjustments) and 2016 Verified Energy Savings Persistence

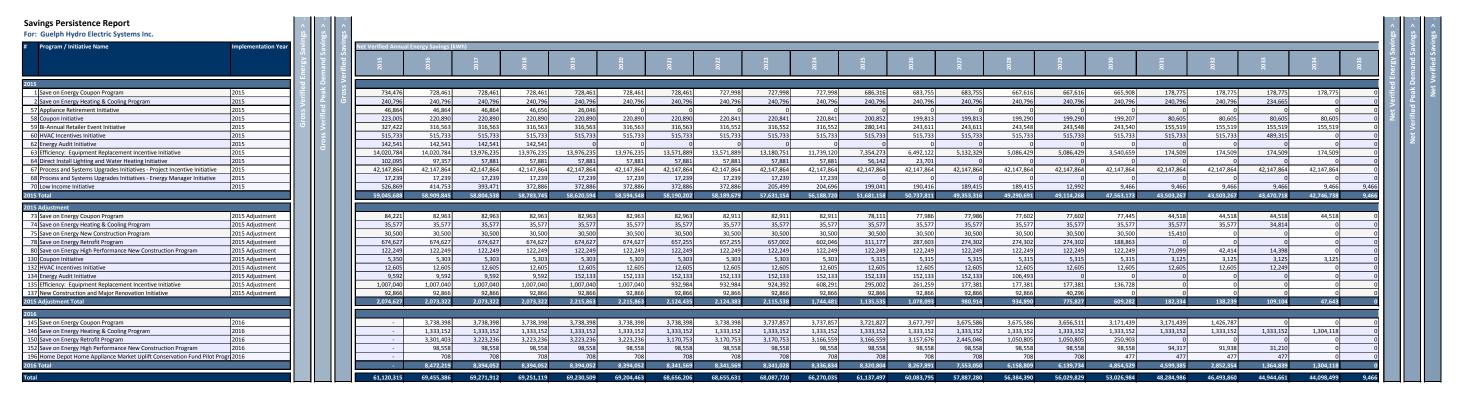


Table 3-9: 2015 (including Adjustments) and 2016 Verified Peak Demand Savings Persistence

Save on Energy Heating & Cooling Program Appliance Retirement Initiative Coupon Initiative Bi-Annual Retailer Event Initiative HVAC Incentives Initiative Energy Audit Initiative Efficiency: Equipment Replacement Incentive Initiative Oirect Install Lighting and Water Heating Initiative Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative Low Income Initiative Total Adjustment Save on Energy Coupon Program Save on Energy Coupon Program Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross Verified Energy Sav	Gross Verified Peak Demand Sav	Gross Verified Sav Net Verified Energy Sav	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 7 7 14 14 14 24 24 24 73 273 30 30 30 92 6,992 23 22	46 124 7 14 24 273 30 6,978	46 124 7 14 24 273 30 6,978	46 124 4 14 24 273 0 6,978	46 124 0 14 24 273 0 6.978	46 124 0 14 24 273 0	46 46 124 124 0 0 0 14 14 24 24 273 273	46 124 0 14 24 273	42 124 0 13 18 273	42 124 0 13 15	42 124 0 13 15	42 124 0 13	124 0 13	42 124 0 13	111 124 0 5		11 11 17 0 0 0 5 5 10 10	5035
Save on Energy Heating & Cooling Program Appliance Retirement Initiative Outpon Initiative Bi-Annual Retailer Event Initiative HVAC Incentives Initiative Energy Audit Initiative Efficiency: Equipment Replacement Incentive Initiative Efficiency: Equipment Replacement Incentive Initiative Oriect Install Lighting and Water Heating Initiative Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative Low Income Initiative Total Save on Energy Coupon Program Save on Energy Coupon Program Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross Verified Energy	Gross Verified Peak Demand	Gross Verified Net Verified Energy	22	224 124 7 7 7 14 14 24 24 24 24 73 273 30 30 92 6,992 23 22	124 7 14 24 273 30 6,978	7 14 24 273 30	124 4 14 24 273	124 0 14 24 273	124 0 14 24	124 124 0 0 0 14 14 24 24	0 14 24	0 13 18	0 13 15	124 0 13 15	124 0 13	124 0 13	124 0 13	11 124 0 5	124 : 0 5	17 0 0 0 5 5	5035
2 Save on Energy Heating & Cooling Program 7 Appliance Retirement Initiative 8 Goupon Initiative 9 Bi-Annual Retailer Event Initiative 10 HVAC Incentives Initiative 10 HVAC Incentives Initiative 12 Energy Audit Initiative 13 Efficiency: Equipment Replacement Incentive Initiative 14 Direct Install Lighting and Water Heating Initiative 17 Process and Systems Upgrades Initiatives - Project Incentive Initiative 18 Process and Systems Upgrades Initiatives - Energy Manager Initiative 19 Low Income Initiative 15 Total 15 Adjustment 15 Sadjustment 15 Save on Energy Coupon Program 14 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross Verified Ener	Gross Verified Peak Demar	Gross Verific Net Verified Ener	22	224 124 7 7 7 14 14 24 24 24 24 73 273 30 30 92 6,992 23 22	124 7 14 24 273 30 6,978	7 14 24 273 30	124 4 14 24 273	124 0 14 24 273	124 0 14 24	124 124 0 0 0 14 14 24 24	0 14 24	0 13 18	0 13 15	124 0 13 15	124 0 13	124 0 13	124 0 13	11 124 0 5	124 : 0 5	17 0 0 0 5 5	50
2 Save on Energy Heating & Cooling Program 57 Appliance Retirement initiative 88 Coupon Initiative 99 Bi-Annual Retailer Event Initiative 90 H-VAC Incentives Initiative 90 EVAC Incentives Initiative 91 Event Survives Initiative 92 Energy Audit Initiative 93 Efficiency: Equipment Replacement Incentive Initiative 94 Direct Install Lighting and Water Heating Initiative 95 Process and Systems Uggrades Initiatives - Project Incentive Initiative	2015 2015 2015 2015 2015 2015 2015 2015	Gross Verified Er	Gross Verified Peak Den	Gross Ver Net Verified Er	22	224 124 7 7 7 14 14 24 24 24 24 73 273 30 30 92 6,992 23 22	124 7 14 24 273 30 6,978	7 14 24 273 30	124 4 14 24 273	124 0 14 24 273	124 0 14 24	124 124 0 0 0 14 14 24 24	0 14 24	0 13 18	0 13 15	124 0 13 15	124 0 13	124 0 13	124 0 13	11 124 0 5	124 : 0 5	17 0 0 0 5 5	(
2 Save on Energy Heating & Cooling Program 77 Appliance Retirement Initiative 88 Coupon Initiative 99 Bi-Annual Retailer Event Initiative 60 HVAC Incentives Initiative 61 Energy Audit Initiative 62 Energy Audit Initiative 63 Efficiency: Equipment Replacement Incentive Initiative 64 Direct Install Lighting and Water Heating Initiative 65 Process and Systems Upgrades Initiatives - Project Incentive Initiative 66 Process and Systems Upgrades Initiatives - Energy Manager Initiative 76 Process and Initiative 77 Energy Manager Initiative 78 Process and Systems Upgrades Initiatives - Energy Manager Initiative 79 Intitution Intitutive 70 Intitution Initiative 70 Intitution Initiative 70 Intitution Initiative 70 Intitution Initiative 71 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross Verified	Gross Verified Peak D	Gross ^N	22	224 124 7 7 7 14 14 24 24 24 24 73 273 30 30 92 6,992 23 22	124 7 14 24 273 30 6,978	7 14 24 273 30	124 4 14 24 273	124 0 14 24 273	124 0 14 24	124 124 0 0 0 14 14 24 24	0 14 24	0 13 18	0 13 15	124 0 13 15	124 0 13	124 0 13	124 0 13	11 124 0 5	124 : 0 5	17 0 0 0 5 5	(
2 Save on Energy Heating & Cooling Program 77 Appliance Retirement Initiative 88 Coupon Initiative 99 Bi-Annual Retailer Event Initiative 60 HVAC Incentives Initiative 61 Energy Audit Initiative 62 Energy Audit Initiative 63 Efficiency: Equipment Replacement Incentive Initiative 64 Direct Install Lighting and Water Heating Initiative 65 Process and Systems Upgrades Initiatives - Project Incentive Initiative 66 Process and Systems Upgrades Initiatives - Energy Manager Initiative 76 Process and Initiative 77 Energy Manager Initiative 78 Process and Systems Upgrades Initiatives - Energy Manager Initiative 79 Intitution Intitutive 70 Intitution Initiative 70 Intitution Initiative 70 Intitution Initiative 70 Intitution Initiative 71 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross Verifi	Gross Verified Pea	Gros Net Verifi	22	224 124 7 7 7 14 14 24 24 24 24 73 273 30 30 92 6,992 23 22	124 7 14 24 273 30 6,978	7 14 24 273 30	124 4 14 24 273	124 0 14 24 273	124 0 14 24	124 124 0 0 0 14 14 24 24	0 14 24	0 13 18	0 13 15	124 0 13 15	124 0 13	124 0 13	124 0 13	11 124 0 5	124 : 0 5	17 0 0 0 5 5	(
57 Appliance Retirement Initiative 58 Coupon Initiative 59 Evanual Feature Event Initiative 50 HVAC Incentives Initiative 50 HVAC Incentives Initiative 50 Energy Audit Initiative 51 Energy Audit Initiative 52 Energy Audit Initiative 53 Efficiency: Equipment Replacement Incentive Initiative 54 Direct Install Lighting and Water Heating Initiative 56 Process and Systems Upgrades Initiatives - Project Incentive Initiative 57 Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 I Low Income Initiative 15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross Ve	Gross Verified P	G	2'	7 7 7 14 14 14 24 24 24 73 273 30 30 30 92 6,992 23 22	7 14 24 273 30 6,978	7 14 24 273 30	4 14 24 273 0	0 14 24 273 0	0 14 24	0 0 14 14 24 24	0 14 24	0 13 18	0 13 15	0 13 15	0	0	0	0 5	0 5	0 0	
58 Coupon Initiative 59 Bi-Annual Retailer Event Initiative 50 Bi-Annual Retailer Event Initiative 50 EMAC Incentives Initiative 51 Efficiency: Equipment Replacement Incentive Initiative 52 Energy Audit Initiative 53 Efficiency: Equipment Replacement Incentive Initiative 54 Direct Install Lighting and Water Heating Initiative 57 Process and Systems Upgrades Initiatives - Project Incentive Initiative 58 Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 Low Income Initiative 15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gross	Gross Verified	Net	6,9	24 24 73 273 30 30 92 6,992 23 22	24 273 30 6,978	24 273 30	24 273 0	24 273 0	24	24 24	24	18	15	15				5	0 5 10	0 0 5 5 10 10	
59 Bi-Annual Retailer Event Initiative 50 HVAC Incentives Initiative 50 HVAC Incentives Initiative 51 Energy Audit Initiative 53 Efficiency: Equipment Replacement Incentive Initiative 54 Direct Install Lighting and Water Heating Initiative 56 Process and Systems Upgrades Initiatives - Project Incentive Initiative 58 Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 Low Income Initiative 15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	Gro	Gross Veril	Z	6,9	24 24 73 273 30 30 92 6,992 23 22	24 273 30 6,978	24 273 30	24 273 0	24 273 0	24	24 24	24	18	15	15				5	5	5 5 10 10	
50 HVAC Incentives Initiative 51 Energy Audit Initiative 52 Energy Audit Initiative 53 Efficiency: Equipment Replacement Incentive Initiative 54 Direct Install Lighting and Water Heating Initiative 57 Process and Systems Upgrades Initiatives - Project Incentive Initiative 88 Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 Low Income Initiative 15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015 2015 2015	9	Gross Ve		6,9	73 273 30 30 92 6,992 23 22	273 30 6,978	273 30	273	273			24 273	10			15	15	15	10	10	10 10	
52 Energy Audit Initiative 53 Efficiency: Equipment Replacement Incentive Initiative 54 Direct Install Lighting and Water Heating Initiative 57 Process and Systems Upgrades Initiatives - Project Incentive Initiative 58 Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 Low Income Initiative 15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015 2015 2015 2015 2015 2015		Gross		6,9	30 30 92 6,992 23 22	30 6,978	30	0	0	273	273 273	273	272				13		10			
Signature State S	2015 2015 2015 2015 2015		g		6,9	92 6,992 23 22	6,978		6,978	0	0			2/3	273	273	273	273	273	273	273	43 0	
54 Direct Install Lighting and Water Heating Initiative 57 Process and Systems Upgrades Initiatives - Project Incentive Initiative 88 Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 Low Income Initiative 15 Total 15 Adjustral	2015 2015 2015					23 22		6,978	6,978	C 070		0 0	0	0	0	0	0	0	0	0	0	0 0	
Frocess and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative Tot Low Income Initiative Total	2015 2015						13			0,978	6,895	6,895 6,849	6,580	5,867	5,817	5,616	5,602	5,602 3,	,871	63	63	63 63	
Process and Systems Upgrades Initiatives - Energy Manager Initiative 70 Low Income Initiative 15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015				4,8	11 4.811		13	13	13	13	13 13	13	13	6	0	0	0	0	0	0	0 0	
70 Low Income Initiative 15 Total 15 Adjustment 35 Adjustment 37 Save on Energy Coupon Program 37 Save on Energy Heating & Cooling Program						,011	4,811	4,811	4,811	4,811	4,811	4,811 4,811	4,811	4,811	4,811	4,811	4,811	4,811 4,	,811	4,811 4	811 4,8	11 4,811	
15 Total 15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program	2015					5 5	5	5	5	5	5	5 5	5	0	0	0	0	0	0	0	0	0 0	1
15 Adjustment 73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program						43 37	36	35	35	35	35	35 26	25	25	25	24	24	2	1	1	1	1 1	1 1
73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program					12,3	93 12,385	12,361	12,360	12,327	12,323 1	2,240 1	2,240 12,185	11,915	11,186	11,126	10,918	10,904 1	10,882 9,	,150	5,298 5	298 5,2	61 4,901	1
73 Save on Energy Coupon Program 74 Save on Energy Heating & Cooling Program																							
74 Save on Energy Heating & Cooling Program	2015 Adjustment					5 5	5	5	5	5	5	5 5	5	5	5	5	5	5	5	3	3	3 3	
	2015 Adjustment					18 18	18	18	18	18	18	18 18	18	18	18	18	18	18	18	18	18	17 0	$\overline{}$
	2015 Adjustment				-	6 6	- 6	- 6	6	6	6	6 6	- 6	- 6	6	6	6	6	6	1	0	0 0	
78 Save on Energy Retrofit Program	2015 Adjustment				1	33 133	133	133	133	133	129	129 129	117	40	33	30	30	30	21	0	0	0 0	
80 Save on Energy High Performance New Construction Program	2015 Adjustment					14 14	133	14	1/	14	14	14 14	11/	140	14	14	14	14	1/1		0	0 0	$\overline{}$
30 Coupon Initiative	2015 Adjustment				-	0 0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	
32 HVAC Incentives Initiative	2015 Adjustment					6 6	6	6	6	6	6	6 6	6	6	6	6	6	6	6	6	6	6 0	
34 Energy Audit Initiative	2015 Adjustment					2 2	3	2	32	32	32	32 32	22	32	32	32	23	0	0	0	0	0 0	
34 Energy Audit Initiative 35 Efficiency: Equipment Replacement Incentive Initiative	2015 Adjustment 2015 Adjustment				14	47 147	147	147	147	147	135	135 135	94	34	26	13	13	13	0	0	0	0 0	
New Construction and Major Renovation Initiative	2015 Adjustment					21 21		21	21	21	21	21 21	31	21	21	21	21	13	0	0	0	0 0	
15 Adjustment Total	2013 Aujustment					52 352		352	382	382	366	366 366	202	176	161	145	136	101	70	22	27	26 2	
is Adjustment Total					3	352	352	352	382	362	300	300 366	303	1/6	101	145	130	101	78	33	27	20 3	
16																							
	2016				-	243	243	243	243	243		243 243	243	242	233	233	233	233	203	203	90	0 0	
	2016				-	392	392	392	392	392	392	392 392	392	392	392	392	392	392	392	392	392	92 360	
	2016				-	558	541	541	541	541	534	534 534	533	533	532	381	141	141	68	0	0	0 0	
52 Save on Energy High Performance New Construction Program	2016				-	20	20	20	20	20	20	20 20	20	20	20	20	20	20	20	16	14	5 0	
96 Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	2016				-	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	(
L6 Total					-	1,213	1,196	1,196	1,196	1,196	1,189	1,189 1,189	1,188	1,187	1,177	1,026	786	786	683	611	496	97 360	

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 4 Filed: August 11, 2017

Appendix 4 2016 Board - approved – Settlement Agreement

File number EB-2015-0073

EB-2015-0073

IN THE MATTER OF the *Ontario Energy Board Act,* 1998, S.O. 1998, c. 15, (Schedule B);

AND IN THE MATTER OF an Application by Guelph Hydro Electric Systems Inc. for an Order or Orders approving just and reasonable rates and other charges for electricity distribution to be effective January 1, 2016.

GUELPH HYDRO ELECTRIC SYSTEMS INC. SETTLEMENT PROPOSAL

Original Filed: September 24, 2015

Amended: October 20, 2015

Amended to reflect the OEB's Decision and Procedural Order No.3:

November 11, 2015

Guelph Hydro Electric Systems Inc.

EB-2015-0073

Settlement Proposal

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LIVE EXCEL MODELS

In addition to the Appendices listed above, the following live excel models have been filed together with and form an integral part of this Settlement Proposal:

Guelph Settlement COP Forecast - Test Year 20150924.xls

Guelph_Settlement_Updated_Detailed_CA_Model_RUN1_20151020.xls

Guelph_Settlement_Updated_EDDVAR_Continuity_Schedule_CoS_20151020.xls Guelph_Settlement_Updated_Filing_Requirements_Chapter2_Appendices_20151

020.xls

Guelph_Settlement_LRAMVA Model_20150924.xls

Guelph_Settlement_Updated_Rev_Reqt_Work_Form_20151020.xls

Guelph_Settlement_RTSR MODEL_20150924.xls

Guelph_Settlement_Updated_Test_year_Income_Tax_PILs_Workform_20151020 .xls

Guelph_Settlement_Weather Normalization Regression Model_20150924.xls

Guelph Hydro Electric Systems Inc.

EB-2015-0073

Settlement Proposal

Filed with the Ontario Energy Board:

Original Filed: September 24, 2015

Amended: October 20, 2015 Amended: November 11, 2015

Guelph Hydro Electric Systems Inc. (the "Applicant" or "Guelph Hydro" or "GHESI") filed a cost of service application with the Ontario Energy Board (the "Board") on April 24, 2015 under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B) (the "Act"), seeking approval for changes to the rates that Guelph Hydro charges for electricity distribution, to be effective January 1, 2016 (Board Docket Number EB-2015-0073) (the "Application").

The Board issued a Notice of Application and Hearing dated May 21, 2015. In Procedural Order No. 1, dated June 12, 2015, the Board sought the provision of written interrogatories and outlined the timetable of the various elements in the proceeding.

Following the receipt of interrogatories, Guelph Hydro filed its interrogatory responses with the Board on July 31, 2015, filed responses to VECC's technical conference questions on August 7, 2015, attended a technical conference on August 10, 2015, filed responses to various undertakings on August 21, 2015 and filed a supplemental interrogatory response on August 27, 2015.

On August 14, 2015, following interrogatories and the technical conference, OEB staff submitted a proposed issues list as agreed to by the parties. On August 20, 2015 the Board issued its decision on the proposed issues list, approving the list submitted by OEB staff as the final issues list (the "Issues List"), and confirmed that a settlement conference would occur in accordance with Procedural Order No. 1.

This Settlement Proposal is filed with the Board in connection with the Application.

Further to the Board's Procedural Order No. 1 and its Issues List Decision, a settlement conference was convened on August 31, 2015 and continued to September 1, 2015 in accordance with the Board's *Rules of Practice and Procedure* (the "Rules") and the Board's *Practice Direction on Settlement Conferences* (the "Practice Direction"). Mr. Andrew Diamond acted as facilitator for the settlement conference which was held for two days.

Guelph Hydro and the following intervenors (the "Intervenors"), participated in the settlement conference:

Energy Probe Research Foundation ("EP");

School Energy Coalition ("SEC"); and Vulnerable Energy Consumers Coalition ("VECC").

Guelph Hydro and the Intervenors are collectively referred to below as the "Parties".

Ontario Energy Board staff ("OEB staff") also participated in the settlement conference. The role adopted by OEB staff is set out in page 5 of the Practice Direction. Although OEB staff is not a party to this Settlement Proposal, as noted in the Practice Direction, OEB staff who did participate in the settlement conference are bound by the same confidentiality and privilege rules that apply to the Parties to the proceeding.

On June 3, 2015, the Board issued a letter to all licensed electricity distributors and other interested parties regarding the allowance for working capital in electricity distribution rate applications. In this letter, the Board identified a new default working capital value of 7.5%. The letter states that distributors not wishing to use the default value are given the option to request approval for a distributor-specific working capital allowance supported by the appropriate evidence from a lead-lag study or equivalent analysis. Guelph Hydro did not perform a lead-lag study, and this settlement reflects the new default working capital allowance of 7.5%.

This document is called a "Settlement Proposal" because it is a proposal by the Parties to the Board to settle the issues in this proceeding. It is termed a proposal as between the Parties and the Board. However, as between the Parties, and subject only to the Board's approval of this Settlement Proposal, this document is intended to be a legal agreement, creating mutual obligations, and binding and enforceable in accordance with its terms. As set forth later in this Preamble, this agreement is subject to a condition subsequent, that if it is not accepted by the Board in its entirety, then unless amended by the Parties it is null and void and of no further effect. In entering into this agreement, the Parties understand and agree that, pursuant to the Act, the Board has exclusive jurisdiction with respect to the interpretation and enforcement of the terms hereof.

These settlement proceedings are subject to the rules relating to privilege contained in the Practice Direction. The Parties acknowledge that this settlement proceeding is confidential in accordance with the Board's Practice Direction on Settlement Conferences. The Parties understand that confidentiality in that context does not have the same meaning as confidentiality in the Board's Practice Direction on Confidential Filings, and the rules of that latter document do not apply. Instead, in this settlement conference, and in this Agreement, the Parties have interpreted "confidential" to mean that the documents and other information provided during the course of the settlement proceeding, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement — or not — of each issue during the settlement conference are strictly privileged and without prejudice. None of the foregoing is admissible as evidence in this proceeding, or otherwise, with one exception, the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Proposal. Further, the Parties shall not disclose those documents or other information to persons who were not attendees at the settlement conference. However, the Parties

agree that "attendees" is deemed to include, in this context, persons who were not physically in attendance at the settlement conference but were a) any persons or entities that the Parties engage to assist them with the settlement conference, and b) any persons or entities from whom they seek instructions with respect to the negotiations; in each case provided that any such persons or entities have agreed to be bound by the same confidentiality provisions.

This Settlement Proposal provides a brief description of each of the settled and partially settled issues, as applicable, together with references to the evidence. The Parties agree that references to the "evidence" in this Settlement Proposal shall, unless the context otherwise requires, include (a) additional information included by the Parties in this Settlement Proposal, and (b) the Appendices to this document. The supporting Parties for each settled and partially settled issue, as applicable, agree that the evidence in respect of that settled or partially settled issue, as applicable, is sufficient in the context of the overall settlement to support the proposed settlement, and the sum of the evidence in this proceeding provides an appropriate evidentiary record to support acceptance by the Board of this Settlement Proposal. The Parties agree that references to the evidence in this Settlement Proposal shall, unless the context otherwise requires, include, in addition to the Application, the responses to interrogatories, technical conference questions and undertakings, and all other components of the record up to and including the date hereof, including additional information included by the Parties in this Settlement Proposal and the Appendices to this document.

There are Appendices to this Settlement Proposal which provide further support for the proposed settlement. The Parties acknowledge that the Appendices were prepared by Guelph Hydro. While the Intervenors have reviewed the Appendices, the Intervenors are relying on the accuracy of the underlying evidence in entering into this Settlement Proposal.

For ease of reference, this Settlement Proposal follows the format of the final approved Issues List.

The Parties are pleased to advise the Board that the Parties have reached a complete agreement with respect to all of the issues in this proceeding. Specifically:

"Complete Settlement" means an issue for which complete settlement was reached by all Parties, and if this Settlement Proposal is accepted by the Board, the Parties will not adduce any evidence or argument during the oral hearing in respect of these issues.	# issues settled:
"Partial Settlement" means an issue for which there is partial settlement, as GHESI and the Intervenors who take any position on the issue were able to agree on some, but not all, aspects of the particular issue. If this Settlement Proposal is accepted by the Board, the Parties who take any	# issues partially

position on the issue will only adduce evidence and argument during the hearing on those portions of the issues not addressed in this Settlement Proposal.	settled: None
"No Settlement" means an issue for which no settlement was reached. GHESI and the Intervenors who take a position on the issue will adduce evidence and/or argument at the hearing on the issue.	# issues not settled: None

If applicable, a Party who is noted as taking no position on an issue may or may not have participated in the discussion on that particular issue, but in either case such Party takes no position a) on the settlement reached, and b) on the sufficiency of the evidence filed to date.

According to the Practice Direction (p. 3), the Parties must consider whether a Settlement Proposal should include an appropriate adjustment mechanism for any settled issue that may be affected by external factors. These adjustments are specifically set out in the text of the Settlement Proposal (see, for instance, the settlement on cost of capital within issue 2.1 below).

The Parties have settled the issues as a package, and none of the parts of this Settlement Proposal are severable. If the Board does not accept this Settlement Proposal in its entirety, then there is no settlement (unless the Parties agree in writing that any part(s) of this Settlement Proposal that the Board does accept may continue as a valid settlement without inclusion of any part(s) that the Board does not accept).

In the event that the Board directs the Parties to make reasonable efforts to revise the Settlement Proposal, the Parties agree to use reasonable efforts to discuss any potential revisions, but no Party will be obligated to accept any proposed revision. The Parties agree that all of the Parties who took on a position on a particular issue must agree with any revised Settlement Proposal as it relates to that issue prior to its resubmission to the Board.

Unless stated otherwise, the settlement of any particular issue in this proceeding and the positions of the Parties in this Settlement Proposal are without prejudice to the rights of Parties to raise the same issue and/or to take any position thereon in any other proceeding, whether or not Guelph Hydro is a party to such proceeding, provided that no Party shall take a position that would result in this Agreement not applying in accordance with the terms contained herein.

Where in this Agreement, the Parties or any of them "accept" the evidence of Guelph Hydro, or "agree" to a revised term or condition, including a revised budget or forecast, then unless the Agreement expressly states to the contrary, the words "for the purpose of settlement of the issues herein" shall be deemed to qualify that acceptance or agreement.

SUMMARY

In reaching this settlement, the Parties have been guided by the Filing Requirements for 2016 rates and the approved Issues List.

This Settlement Proposal reflects a settlement of the all of the issues in this proceeding.

Guelph Hydro has made changes to the Revenue Requirement as reproduced below in Table 1:

Table 1: Revenue Requirement

				Variance		Variance
	Description	Application	Interrogatories	(C) = (B) - (A)	Settlement	(E) = (D) - (B)
		(A)	(B)		(D)	
Coat of Conital	Regulated Return on Capital	\$10,926,494	\$10,161,687	-\$764,807	\$9,831,829	-\$329,858
Cost of Capital	Regulated Rate of Return	6.71%	6.71%	0.00%	6.49%	-0.21%
	Rate Base	\$162,960,102	\$151,553,603	-\$11,406,499	\$151,391,730	-\$161,873
Rate Base and Capital Expenditures	Working Capital	\$223,870,940	\$236,303,668	\$12,432,728	\$236,828,275	\$524,607
Experialtures	Working Capital Allowance (\$)	\$29,103,222	\$17,722,775	-\$11,380,447	\$17,762,121	\$39,346
	Amortization / Depreciation	\$5,751,746	\$5,751,746	\$0	\$5,745,184	-\$6,562
Operating Expenses	Taxes / PILs	\$901,253	\$768,558	-\$132,695	\$692,577	-\$75,980
	OM&A	\$16,404,861	\$16,404,861	\$0	\$15,230,861	-\$1,174,000
	Service Revenue Requirement	\$34,319,428	\$33,421,926	-\$897,502	\$31,835,525	-\$1,586,401
	Other Revenues	\$2,207,201	\$2,307,201	\$100,000	\$2,307,201	\$0
Revenue Requirement	Base Revenue Requirement	\$32,112,227	\$31,114,725	-\$997,502	\$29,528,324	-\$1,586,401
	Grossed Up Revenue Deficiency / Sufficiency	\$4,084,908	\$3,087,405	-\$997,502	\$1,367,535	-\$1,719,870

Based on the foregoing, and the evidence and rationale provided below, the Parties agree that this Settlement Proposal is appropriate and recommend its acceptance by the Board.

Please refer to Appendix A for the draft tariffs resulting if this settlement is accepted by the Board, pending a final order of the Board to be issued only after all updates to the cost of capital calculations as contemplated in the settlement on issue 2.1 have been made.

1 Planning

1.1 Capital

Is the level of planned capital expenditures appropriate and is the rationale for planning and pacing choices appropriate and adequately explained, giving due consideration to:

- customer feedback and preferences;
- productivity:
- benchmarking of costs;
- reliability and service quality;
- impact on distribution rates;
- trade-offs with OM&A spending;
- government-mandated obligations; and
- the objectives of the Applicant and its customers

Complete Settlement: For the purposes of the settlement of all of the issues in this proceeding, Guelph Hydro agrees to adjust its 2016 rate base and capital plan to reflect the following:

- Guelph Hydro agrees to adjust the 2016 fixed assets continuity schedule depreciation additions for account 1860 – Meters to reflect the recovery of Zigbee Chip (see also the settlement of issue 5.4 below);
- Recognizing the Board intends to address the method for accounting of OPEBs in rates as part of a generic policy process, Guelph Hydro agrees to adjust its test year capital expenditures to reflect the recovery of OPEBs on a cash, rather than an accrual, basis,¹ and the proper allocation of OPEBs between capital and OM&A amounts (since the entire amount of the OPEB costs were captured in OM&A in GHESI's 2016 Rate Filing, this results in an increase in capital additions of \$81,000 in the test year) subject to the approval of a new variance account as described further in the settlement of issue 4.2 below to record the difference in rates between these two methodologies pending the Board's final determination on the generic policy issue;
- While no change is required, Guelph Hydro identified a typo in its response to undertaking JT1.37 related to the balance proposed for disposition for the account 1555- Smart Meter Capital – Sub-account Zigbee Chip initiative - the correct balance is \$355,635 (Net Book Value) which is the amount to be included in the 2016 rate base;

¹ All of the Parties recognize that the Board intends to hold a generic policy discussion on this matter, and that nothing in this settlement is intended to limit the positions any of the Parties may take in that more general policy discussion.

 Guelph Hydro agrees to adjust its rate base calculation in the fixed assets continuity schedule (account 1808- Buildings and Fixtures) to reflect the movement of the capital expense of \$500,000 and the corresponding depreciation of \$5,000 from 2015 to the 2016 test year to reflect the actual inservice date of the building addition in 2016.

With the above modifications, and for the for the purposes of settlement of the issues in this proceeding, the Parties accept the evidence of Guelph Hydro that the level of planned capital expenditures and the rationale for planning and pacing choices are appropriate and adequately explained, giving due consideration to:

- The customer feedback and preferences (as more fully detailed in Exhibit 1 at Tab 3, Schedule 2; at Tab 4, Schedules 1 through 4; at Appendix 1-B through Appendix 1-I and Exhibit 2, Appendix 2-A);
- The past and planned productivity initiatives of Guelph Hydro (as more fully detailed in Exhibit 1 at Tab 3, Schedule 3 and at Appendix 1-A);
- Guelph Hydro's benchmarking performance (as more fully detailed in Exhibit 1, Tab 3, Schedule 1, Schedule 4 and Schedule 6);
- Guelph Hydro's past reliability and service quality performance as well as Guelph Hydro's targets for performance in the test year (as more fully detailed in Exhibit 1, Tab 3, Schedule 6 and Tab 4, Schedule 3);
- The total impact on distribution rates (as more fully detailed in Appendix D
 of this Settlement Proposal);
- The agreed to changes to in OM&A spending (as described under issue 1.2 of this Settlement Proposal);
- Guelph Hydro's past and planned performance meeting government mandated obligations (as more fully detailed in Exhibit 1, Tab 3, Schedule 4); and
- Guelph Hydro's targets and objectives (as more fully detailed in Exhibit 1, Tab 1, Schedule 1 at pp 5-7 and Exhibit 2 at Appendix 2-A).

The Parties further agree that the Distribution System Plan filed in this proceeding, combined with the resources made available to Guelph Hydro in the Test Year under the terms of this Settlement Proposal, provide a foundation to Guelph Hydro in the Test Year to continue to: (a) pursue continuous improvement in productivity; (b) maintain system reliability and service quality objectives; and (c) maintain reliable and safe operation of its distribution system.

Appendix B of this Settlement Proposal provides updated Appendix 2-AB to reflect this settlement.

Evidence:

Application:

- Exhibit 1, Tab 2, Schedule 4 (Rate Base and Capital Plan);
- Exhibit 1, Tab 3, Schedule 3 (Operational Effectiveness);
- Exhibit 1, Tab 3, Schedule 4, Table 1-38: Government Obligations
- Exhibit 1, Tab 3, Schedule 6, pages 1-15 (Scorecard Performance Analysis);
- Appendix 1-D: 2014 Online Customer Survey and Results;
- Appendix 1-H: Large Use Breakfast Presentations and Feedback;
- Appendix 1-I: Innovative Research Group Customer Engagement;
- Exhibit 2: Rate Base in its entirety including Appendix 2-A: Distribution System Plan, and Appendix 2-B: Capitalization and Overhead Policy

Interrogatory Responses:

- 1-Energy Probe-1, 1-Energy Probe-2, 1-Energy Probe-5, 2-Energy Probe-7 to 2-Energy Probe-15, 2-Energy Probe-18, 2-Energy Probe-19, 4-Energy Probe-46, 4-Energy Probe-49 to 4-Energy Probe-52, Appendix 4-Energy Probe-52-b
- 1-Staff-1, 1-Staff-3, 1-Staff-4, 2-Staff-6 to 2-Staff-8, 2-Staff-11 to 2-Staff-42, Appendix 1-Staff-1
- 1-VECC-3 to 1-VECC-5, 2-VECC-7 to 2-VECC-9, 2-VECC-11, 2-VECC-13 to 2-VECC-19, 4-VECC-35, 4-VECC-39
- 1-SEC-1, 1-SEC-5, 1-SEC-13, 2-SEC-20 to 2-SEC-57

Technical Conference Transcript of August 10, 2015:

Pages 13-15, 22-29, 52-60, 64-65, 69-83, 89-90, 92-93, 95, 109-110,118-124,
 150-151

<u>Undertaking Responses:</u>

JT1.2, JT1.4, JT1.5, JT1.10, JT1.11, JT1.13, JT1.14, JT1.15, JT1.16, JT1.17, JT1.18, JT1.19, JT1.20, JT1.21, JT1.27, Appendix JT1.17

Appendices to this Settlement Proposal:

- Appendix B OEB Appendix 2-AB
- Appendix C OEB Appendix 2-BA
- Appendix F OEB Appendix 2-EB

Supporting Parties: All

1.2 OM&A

Is the level of planned OM&A expenditures appropriate and is the rationale for planning choices appropriate and adequately explained, giving due consideration to:

- customer feedback and preferences;
- productivity;
- benchmarking of costs:
- reliability and service quality;
- impact on distribution rates;
- trade-offs with capital spending;
- government-mandated obligations; and
- the objectives of the Applicant and its customers.

Complete Settlement: For the purposes of the settlement of all of the issues in this proceeding, Guelph Hydro agrees to reduce its proposed OM&A budget in the test year by \$650,000. This reduction is in addition to a reduction of \$524,000 in the test year OM&A budget (see calculation and explanation of re-allocation to capital below) to reflect the recovery of OPEBs on a cash, rather than an accrual, basis,² subject to the approval of a new variance account as described further in the settlement of issue 4.2 below to record the difference in rates between these two methodologies pending the Board's final determination on the generic policy issue.

In this Settlement Agreement, Guelph Hydro has agreed to the recovery of Other Post-Employment Benefits (OPEBs) on a cash basis vs. the accrual basis of accounting. The impact of this change is to reduce OM&A expenditures by \$443,000 since the entire amount of the OPEB costs were captured in OM&A in GHESI's 2016 Rate Filing. This amount is derived as follows:

OPEBs (accual basis)	\$ 675,000
OPEBs (cash basis)	232,000
Excess	\$ 443,000

The Parties also agree that Guelph Hydro should allocate the OPEBs proportionally between capital and OM&A in the test year, in keeping with Guelph Hydro's (and other LDC's) accounting practice to appropriately allocate the fully burdened costs between capital and OM&A.

As a result, of the \$232,000 OPEB costs, \$81,000 has been reclassified out of OM&A and reallocated to the 2016 Capital Additions in order to properly reflect the allocation of these costs between capital and OM&A.

² See footnote 1 above.

Putting this all together: Guelph Hydro has reduced its OM&A budget for the test year by: (i) \$443,000 to reflect the change from accrual to cash accounting for OPEBs; plus (ii) \$81,000 to reflect the reallocation of that amount to 2016 capital additions. This accounts for the total reduction of \$524,000 described above.

The Parties accept Guelph Hydro's overall objectives, and have agreed that the revised OM&A budget will allow Guelph Hydro to achieve those objectives in the Test Year. For the purposes of settlement of the issues in this proceeding, the Parties accept the evidence of Guelph Hydro that the level of planned OM&A expenditures and the rationale for planning choices are appropriate and adequately explained, giving due consideration to:

- The customer feedback and preferences (as more fully detailed in Exhibit 1 at Tab 3, Schedule 2; at Tab 4, Schedules 1 through 4; at Appendix 1-B through Appendix 1-I and Exhibit 2, Appendix 2-A);
- The past and planned productivity initiatives of Guelph Hydro (as more fully detailed in Exhibit 1 at Tab 3, Schedule 3 and at Appendix 1-A);
- Guelph Hydro's benchmarking performance (as more fully detailed in Exhibit 1, Tab 3, Schedule 1, Schedule 4 and Schedule 6);
- Guelph Hydro's past reliability and service quality performance as well as Guelph Hydro's targets for performance in the test year (as more fully detailed in Exhibit 1, Tab 3, Schedule 6 and Tab 4, Schedule 3);
- The total impact on distribution rates (as more fully detailed in Appendix D of this Settlement Proposal);
- The agreed to changes to capital spending (as described under issue 1.1 of this Settlement Proposal);
- Guelph Hydro's past and planned performance meeting government mandated obligations (as more fully detailed in Exhibit 1, Tab 3, Schedule 4); and
- Guelph Hydro's targets and objectives (as more fully detailed in Exhibit 1, Tab 1, Schedule 1 at pp 5-7 and Exhibit 2 at Appendix 2-A).

For the purpose of presentation, Guelph Hydro has identified in the table below the revised OM&A budget for the test year, which it believes appropriately balances the prospect for productivity improvements with Guelph Hydro's cost drivers (Appendix 2-JB, Table 4-5 of Exhibit 4, Tab 2, Schedule 1, p.3).

Changes to OM&A are reproduced below as Table 2:

Table 2 – OM&A Ad	justments
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OM&A Category	R	ate Application (A)	(PEB Adjustment to OM&A disallowed portion of \$443K (B)	PEB Adjustment to M&A reallocation to capital of \$81K (C)	Settlement Changes (D)	Settlement Proposal (E)= (A)-(B)-(C)-(D)
Operations	\$	5,439,342	\$	(146,885.00)	\$ (26,857.00)	\$ (171,970)	\$5,093,630
Maintenance	\$	1,891,630	\$	(51,082.00)	\$ (9,340.00)	\$ (173,500)	\$1,657,708
Billing and Collecting	\$	2,094,042	\$	-	\$ -	\$ 2,472	\$2,096,514
Community Relations	\$	94,998	\$	-	\$ -	\$ -	\$94,998
Administrative and General	\$	6,884,849	\$	(245,033.00)	\$ (44,803.00)	\$ (307,002)	\$6,288,011
Total OM&A	\$	16,404,861	\$	(443,000.00)	\$ (81,000.00)	\$ (650,000.00)	\$15,230,861

Evidence:

Application:

- Exhibit 1, Tab 2, Schedule 5: Operations, Maintenance & Administration Expense;
- Exhibit 1, Tab 3, Schedule 3, pages 4-25 (Operational Effectiveness);
- Exhibit 1, Tab 3, Schedule 4, Table 1-38: Government Obligations;
- Appendix 1-J: Control Room Shared Services Business Case and Agreement;
- Exhibit 4: Operating Expenses in its entirety including Appendix 4-B: Actuarial Report, Appendix 4-C: Service Agreements, Appendix 4-D: Income Tax/PILs Workform, and Appendix 4-E: 2013 Federal and Ontario Tax Returns

Interrogatory Responses:

- 1-Energy Probe-3 to 1-Energy Probe-6, 3-Energy Probe-24 to 3-Energy Probe-26, 4-Energy Probe-28 to 4-Energy Probe-39, 4-Energy Probe-41 to 4-Energy Probe-45, 4-Energy Probe-47, 4-Energy Probe-48
- 1-Staff-1 to 1-Staff-5, 2-Staff-6, 2-Staff-16, 2-Staff-41, 4-Staff-44 to 4-Staff-46,
 4-Staff-48 to 4-Staff-51, Appendix 1-Staff-1, Appendix 4-Staff-44-a,
 Supplemental IRR
- 1-VECC-1 to 1-VECC-3, 4-VECC-34 to 4-VECC-47
- 1-SEC-1 to 1-SEC-3, 1-SEC-5, 1-SEC-8, 1-SEC-11, 1-SEC-13, 1-SEC-16, 2-SEC-39, 2-SEC-49, 2-SEC-57, 4-SEC-58 to 4-SEC-60, Appendix 1-SEC-3, Appendix 1-SEC-4

Technical Conference Topics:

3-VECC-67

Technical Conference Transcript of August 10, 2015:

• Exhibit KT1.1 referenced on pages 4-5

Pages 13-15, 22-27, 64-65, 75, 134-136, 138-139, 142, 151-158, 168-170, 175-176

Undertaking Responses:

• JT1.2, JT1.9, JT1.10, JT1.11, JT1.22, JT1.23, JT1.24, JT1.28, JT1.29, JT1.30, JT1.31, JT1.32, JT1.33

Appendices to this Settlement Proposal:

- Appendix A 2016 Tariff of Rates and Charges
- Appendix D Bill Impacts

Supporting Parties: All

2 Revenue Requirement

2.1 Are all elements of the Base Revenue Requirement reasonable, and have they been appropriately determined in accordance with OEB policies and practices?

Complete Settlement:

The Parties accept the evidence of Guelph Hydro that all elements of the Base Revenue Requirement have been correctly determined in accordance with Board policies and practices. Specifically:

a) Rate Base: Guelph Hydro has agreed to make the adjustments to rate base as described in the settlement of issue 1.1 above. For clarity, a summary of the rate base calculation and adjustments has been provided below as Table 3. Subject to the adjustments to rate base described above and as illustrated in Table 3-a below, the Parties accept the evidence of Guelph Hydro that the test year rate base is correct and based on Board policies and practices.

Table 3-a: Rate Base Calculation

Description	Application	Interrogatories	Variance	Settlement	Variance
	Α	В	C=B-A	D	E=D-B
Average Gross Fixed Assets	\$169,552,260	\$169,516,735	-\$35,525	\$169,307,235	-\$209,500
Average Accumulated					
Depreciation	-\$35,695,380	-\$35,685,907	\$9,473	-\$35,677,626	\$8,281
Average Net Book Value	\$133,856,880	\$133,830,828	-\$26,052	\$133,629,609	-\$201,219
Working Capital	\$223,870,940	\$236,303,668	\$12,432,728	\$236,828,275	\$524,607
Working Capital Allowance					
(%)	13.00%	7.50%	-5.50%	7.50%	0.00%
Working Capital Allowance (\$)	\$29,103,222	\$17,722,775	-\$11,380,447	\$17,762,121	\$39,346
Rate Base	\$162,960,102	\$151,553,603	-\$11,406,499	\$151,391,730	-\$161,873

- b) Working Capital: The parties accept the evidence of Guelph Hydro that the working capital calculations including the adjustments detailed in JT1.11 and JT1.12 are reasonable and have been appropriately determined in accordance with OEB policies and practices.
- c) Cost of Capital: For the purposes of settlement of the issues in this proceeding, Guelph Hydro has agreed to adjust its cost of capital calculation to reflect:
 - a. a weighted debt rate of 4.9148% for the 2016 year, which reflects the debt rate of 4.1583% on the \$30MM long-term debt issued in September, 2015 to fund distribution capital and Guelph Hydro's existing long term debt issue of \$65 million at a rate of 5.264% (references: this Settlement Agreement, Tables 3-b, 3-c, and Appendix J- LTD September 2015);
 - b. The calculation of the new long term debt and the weighted long term debt calculation is shown in Table 4 below:

Table 3-b: Long Term Debt Interest and Interest Rate calculation

Total Issuance Costs	\$335,281	Α
Issuance Cost Annual Amortization over 30-year debt term	\$11,176	B=A/30
Principal amount of debt	\$30,000,000	С
Less Issuance costs	\$29,664,719	D=C-A
Assumed Interest Rate	4.1210%	Е
Interest Expense	\$1,236,300	F=CXE
Amortization of Issuance Cost	\$11,176	G=B
Total Cost	\$1,247,476	H=F+G
Effective Debt Rate	4.1583%	I=H/C

Table 3-c: Weighted Debt Cost Calculation

Description	Debt Holder	Affliated with LDC?	Date of Issuance	Principal	Term (Years)	Rate%	Year Applied to	Interest Cost
Senior Unsecured Debenture	s, Series A	N	December 6, 2010	\$65,000,000		5.26%	2016	\$3,421,600
Senior Unsecured Debentures, Series A		N	January 1, 2016	\$30,000,000		4.1583%	2016	\$1,247,476
				\$30,000,000		4.42%	\$10,000	\$1,336,500
2015 Total Long Term Deb	t			65,000,000	0 Total Interest Cost for 2015			3,421,600
					Weig	hted Debt Cost R	ate for 2015	5.26%
2016 Total Long Term Deb	t			95,000,000	Total Interest Cost for 2016			\$4,669,076
					Weig	hted Debt Cost R	ate for 2016	4.9148%

and

c. the cost of capital parameters for rate applications effective January 1, 2016 announced on October 15, 2015.

The Parties accept the evidence of Guelph Hydro that the proposed capital structure, rate of return on equity and short and long-term debt costs have been correctly determined in accordance with Board policies and practices.

- d) Other Revenue: Subject to the e-billing credit adjustment described in issue 5.2 below, the Parties accept the evidence of Guelph Hydro that a forecast of other revenues of \$2,307,201 is appropriate and correctly determined in accordance with Board policies and practices.
- e) Depreciation: For the purposes of settlement of the issues in this proceeding, and subject to the adjustments to rate base as noted herein, the Parties accept the evidence of Guelph Hydro that its forecast depreciation/amortization expenses are appropriate and reflect the useful lives of the assets and have been correctly determined in accordance with Board accounting policies and practices.

f) Taxes: For the purposes of settlement of the issues in this proceeding, and subject to the other adjustments arising in this Settlement Proposal, Guelph Hydro has agreed to adjust the apprentice tax credits from \$31,000 by \$34,000 to \$65,000 to reflect the correct tax credit adjustments and the additional tax credits for 2 additional apprentices in the test year. Subject to this adjustment, the Parties accept the evidence of Guelph Hydro that the proposed level of taxes is accurate. A working Microsoft Excel format of the PILs workform reflecting this Settlement Proposal is provided as part of the supporting material in file named "Guelph_Settlement_Updated_Test_year_Income_Tax_PILs_Workform".

A revised Appendix 2-W (Bill Impacts) in working Microsoft Excel format reflecting this Settlement Proposal is provided as part of the supporting material in file named "Guelph_Settlement_Updated_Filing Requirements_Chapter 2_Appendices".

Evidence:

Application:

- Exhibit 1, Tab 2, Schedule 1: Revenue Requirement;
- Exhibit 2, Rate Base in its entirety;
- Exhibit 3, Tab 3, Schedule 1: Other Revenue;
- Appendix 3-B: Chapter 2 Appendix 2-H Other Operating Revenue;
- Exhibit 6: Calculation of Revenue Deficiency in its entirety including Appendix
 6-A: Revenue Requirement Work Form

Interrogatory Responses:

- 1-Energy Probe-4, 2-Energy Probe-16, 2-Energy Probe-17, 3-Energy Probe-27, 6-Energy Probe-56
- 2-Staff-9, 6-Staff-55
- 2-VECC-10
- 1-SEC-3, 1-SEC-9, 1-SEC-10, 1-SEC-12, 1-SEC-15, Appendix 1-SEC-3, Appendix 1-SEC-9

Technical Conference Transcript of August 10, 2015:

Pages 68-69, 189-190

Undertaking Responses:

• JT1.12, JT1.34

Appendices to this Settlement Proposal:

Appendix A – 2016 Tariff of Rates and Charges

- Appendix C OEB Appendix 2-BA
- Appendix D Bill Impacts

Supporting Parties: All

2.2 Has the Base Revenue Requirement been accurately determined based on these elements?

Complete Settlement: For the purposes of settlement of the issues in this proceeding, and subject to the adjustments expressly noted in this Settlement Proposal, the Parties accept the evidence of Guelph Hydro that the proposed Base Revenue Requirement has been accurately determined.

A revised Revenue Requirement Workform in working Microsoft Excel format reflecting this Settlement Proposal is provided as part of the supporting material in file named "Guelph_Settlement_Updated_Rev_Reqt_Work_Form".

Evidence:

Application:

- Exhibit 1, Tab 2, Schedule 1: Revenue Requirement;
- Exhibit 2: Rate Base in its entirety;
- Exhibit 3, Tab 3, Schedule 1: Other Revenue;
- Appendix 3-B: Chapter 2 Appendix 2-H Other Operating Revenue;
- Exhibit 4: Operating Expenses in its entirety;
- Exhibit 5, Tab 2, Schedule 1: Cost of Capital (Return on Equity and Cost of Debt):
- Appendix 5-A: Chapter 2 Appendix 2-OA Capital Structure and Cost of Capital;
- Appendix 5-B: Chapter 2 Appendix 2-OB Debt Instruments;
- Appendix 5-C: Debentures Pricing

Interrogatory Responses:

- 1-Energy Probe-4, 2-Energy Probe-16, 2-Energy Probe-17, 4-Energy Probe-42, 5-Energy Probe-54, 5-Energy Probe-55, Appendix 5-Energy Probe-54-I, Appendix 5-Energy Probe-56-b
- 2-Staff-9, 5-Staff-53, 5-Staff-54
- 2-VECC-10, 3-VECC-32, 5-VECC-50 to 5-VECC-52

 1-SEC-3, 1-SEC-9, 1-SEC-10, 1-SEC-12, 1-SEC-15, Appendix 1-SEC-3, Appendix 1-SEC-9

<u>Technical Conference Transcript of August 10, 2015:</u>

Pages 10-13, 43

Undertaking Responses:

• JT1.1, JT1.7

Appendices to this Settlement Proposal:

- Appendix A 2016 Tariff of Rates and Charges
- Appendix C OEB Appendix 2-BA
- Appendix D Bill Impacts
- Appendix I Revenue Requirement Work Form

Supporting Parties: All

- 3 Load Forecast, Cost Allocation and Rate Design
- 3.1 Are the proposed load and customer forecast, loss factors, CDM adjustments and resulting billing determinants appropriate, and, to the extent applicable, are they an appropriate reflection of the energy and demand requirements of the applicant's customers?

Complete Settlement: The Parties accept the evidence of Guelph Hydro that the customer forecast, loss factors, CDM adjustments and, subject to the adjustment discussed below on load forecast, the resulting billing determinants are appropriate and are an appropriate reflection of the energy and demand requirements of the Applicant's customers.

For the purposes of settlement of the issues in this proceeding, with respect to load forecast, Guelph Hydro has agreed to increase the load forecast in the test year by 14 GWh on the wholesale number to reflect the Ontario budget forecast and other relevant economic considerations. The adjusted 2016 load forecast is presented below as Table 4:

Table 4 – 2016 Load Forecast

2016	2016				
Predicted	Predicted				
purchases	sales				
1,823	1,794				

The 2016 Load Forecast CDM adjustments and the 2016 LRAMVA threshold are presented in Appendix E of this Settlement.

A revised load forecast model in working Microsoft Excel format reflecting this Settlement Proposal is included together with this Settlement Proposal under file named "Guelph Settlement Weather Normalization Regression Model".

Evidence:

Application:

- Exhibit 3, Tab 1, Schedule 1: Load and Revenue Forecasts;
- Exhibit 3, Tab 1, Schedule 3: CDM Adjustment for the Load Forecast for Distributors;
- Appendix 3-A: Explanation of Results Returned by the Regression tool and the Monthly Data Used for Regression Analysis;
- Exhibit 8, Tab 9, Schedule 1: Loss Adjustment Factors;
- Appendix 8-B: Chapter 2 Appendix 2-R Loss Factors

Interrogatory Responses:

- 3-Energy Probe-22, 3-Energy Probe-23
- 3-Staff-43
- 3-VECC-20 to 3-VECC-31

Technical Conference Topics:

3-VECC-66

<u>Technical Conference Transcript of August 10, 2015:</u>

Pages 128-133

Appendices to this Settlement Proposal:

Appendix E – Settled Load Forecast

Supporting Parties: All

3.2 Are the proposed cost allocation methodology, allocations, and revenue-to-cost ratios appropriate?

Complete Settlement: Subject to adjustments described in issue 5.3 below, the Parties accept the evidence of Guelph Hydro that the cost allocation methodology, allocations and revenue-to-cost ratios are appropriate. These revenue-to-cost ratios are reproduced below in Table 5.

Table 5: Revenue-to-cost Ratios

Rate Class	2016 Cost Allocation Results	2016 Settlement Proposed Ratios		
Residential	89.82%	93.32%		
General Service < 50 kW	116.00%	116.00%		
General Service 50 to 999 kW	108.54%	108.54%		
General Service 1,000 to 4,999 kW	143.65%	120.00%		
Large Use	86.06%	93.32%		
Unmetered Scattered Load	153.23%	120.00%		
Sentinel Lighting	109.33%	109.33%		
Street Lighting	99.20%	99.20%		

A revised working Microsoft Excel format of the cost allocation model from this Settlement Proposal is provided as part of the supporting material in file named "Guelph_Settlement_Updated_Detailed_CA_Model_RUN1".

Evidence:

Application:

 Exhibit 7: Cost Allocation in its entirety including Appendix 7-A: Cost Allocation – Appendix 2-P, and Appendix 7-B: 2016 Cost Allocation Information Filing

<u>Interrogatory Responses:</u>

- 7-Energy Probe-57, 7-Energy Probe-58, 8 Energy Probe-59
- 7-Staff-56, 7-Staff-57
- 7-VECC-53, 7-VECC-54

<u>Technical Conference Topics:</u>

• 7-VECC-69, 7-VECC-70

Technical Conference Transcript of August 10, 2015:

• Page 190

<u>Undertaking Responses:</u>

• JT1.35

Supporting Parties: All

3.3 Are the applicant's proposals, including the proposed fixed/variable splits, for rate design appropriate?

Complete Settlement: Subject to adjustments described in issue 5.3 below, the Parties accept the Applicant's proposals for rate design, including the proposed fixed/variable splits and the transformer allowance of \$64,558 (please see Guelph Hydro's proposal in its response to 8-Staff-58-b-iii) are appropriate. The rate design for residential class reflects the Board's *New Distribution Rate Design for Residential Electricity Customers (EB-2014-0210).*

The distribution charges resulting from settlement are produced below as Table 6:

Table 6: Distribution Charges

Rate Class	Proposed Monthly Service Charge	Unit of Measure	Proposed Distribution Volumetric Charge
Residential	\$18.93	kWh	\$0.0144
General Service < 50 kW	\$16.33	kWh	\$0.0137
General Service 50 to 999 kW	\$177.03	kW	\$2.6971
General Service 1,000 to 4,999 kW	\$560.00	kW	\$2.9942
Large Use	\$1,076.53	kW	\$2.6901
Unmetered Scattered Load	\$4.78	kWh	\$0.0218
Sentinel Lighting	\$7.39	kW	\$8.1829
Street Lighting	\$0.42	kW	\$10.0324
Transformer Allowance			(\$0.72)

A working Microsoft Excel format of the reconciliation of revenue reflecting the rate design from this Settlement Proposal is provided as part of the supporting material in file named

"Guelph_Settlement_Updated_Filing_RequirementsChapter2_Appendices", Tab"2-V Rev Reconciliation".

Evidence:

Application:

- Exhibit 8, Tab 1, Schedule 1: Fixed/Variable Proportion;
- Exhibit 8, Tab 2, Schedule 1: Rate Design Policy Consultation;
- Exhibit 8, Tab 10, Schedule 1: Tariff of Rates and Charges:
- Exhibit 8, Tab 11, Schedule 1: Revenue Reconciliation;
- Exhibit 8, Tab 12, Schedule 1: Bill Impact Information;
- Exhibit 8, Tab 13, Schedule 1: Rate Mitigation;
- Appendix 8-C: Chapter 2 Appendix 2-W Bill Impacts;

Interrogatory Responses:

- 8-Energy Probe-59, 8-Energy Probe-60
- 8-Staff-58, 8-Staff-61
- 8-VECC-61

Technical Conference Topics:

• 8-VECC-73, 8-VECC-74

Technical Conference Transcript of August 10, 2015:

Pages 198-199

Undertaking Responses:

JT1.36, Appendix JT1.36

Supporting Parties: All

3.4 Are the proposed Retail Transmission Service Rates and Low Voltage service rates appropriate?

Complete Settlement: For the purposes of the settlement of the issues in this proceeding, the Parties accept the evidence of Guelph Hydro that the proposed forecast of other regulated rates and charges including the proposed Retail Transmission Service Rates and Low Voltage service rates is appropriate.

The Retail Transmission Service Rates are produced below as Table 7:

Table 7: Retail Transmission Service Rates

Rate Class	Unit of Measure	Proposed RTSR - Network	Proposed RTSR - Connection
Residential	kWh	\$0.0074	\$0.0058
General Service < 50 kW	kWh	\$0.0068	\$0.0051
General Service 50 to 999 kW	kW	\$2.8441	\$2.1485
General Service 50 to 999 kW - Interval Metered	kW	\$2.9501	\$2.2291
General Service 1,000 to 4,999 kW - Interval Metered	kW	\$2.9501	\$2.2291
Large Use	kW	\$3.5626	\$2.6917
Unmetered Scattered Load	kWh	\$0.0068	\$0.0051
Sentinel Lighting	kW	\$2.1776	\$1.6451
Street Lighting	kW	\$2.6201	\$1.9794

The Low Voltage Service Rates are produced below as Table 8:

Table 8: Low Voltage Service Rates

Rate Class	Unit of Measure	Proposed LV Charges
Residential	kWh	\$0.0000
General Service < 50 kW	kWh	\$0.0000
General Service 50 to 999 kW	kW	\$0.0121
General Service 1,000 to 4,999 kW	kW	\$0.0000
Large Use	kW	\$0.0000
Unmetered Scattered Load	kWh	\$0.0000
Sentinel Lighting	kW	\$0.0089
Street Lighting	kW	\$0.0107

Evidence:

Application:

• Exhibit 8, Tab 3, Schedule 1: Retail Transmission Service Rates ("RTSRs");

- Exhibit 8, Tab 8, Schedule 1: Low Voltage Service Rates;
- Appendix 8-A: 2016 RTSR Adjustment Work Form

Interrogatory Responses:

- 8-Staff-59, 8-Staff-60
- 8-VECC-56, 8-VECC-57, 8-VECC-60

Supporting Parties: All

4 Accounting

4.1 Have all impacts of any changes in accounting standards, policies, estimates and adjustments been properly identified and recorded, and is the ratemaking treatment of each of these impacts appropriate?

Complete Settlement: For the purposes of the settlement of the issues in this proceeding, the Parties agree that Guelph Hydro should add a credit of \$806,396 (subject to change as a result of a new ROE which is yet to be determined by the OEB) to the opening balance of Account 1576 - Accounting Changes Under CGAAP. The balance in account 1576 reflects the difference in net PP&E at the end of 2015 resulting from a decrease in depreciation expense for 2014 and 2015 due to changes in estimates for PP&E useful lives (Guelph Hydro is required under IFRS to review and update useful lives annually).

The Parties agree that for all classes, except Residential, kWh or KW, as applicable, is an appropriate allocator for account 1576 and the allocation of balances to these classes based on the proposed 2016 load forecast. For the Residential class, the Parties agree that the 2016 number of customers is the appropriate allocator, in consideration of the requirement to consider a fixed rate rider as per the *Board Policy: A New Distribution Rate design for Residential Electricity Customers* (EB-2014-0210). The amount in Account 1576 will be disposed of over a one (1) year period.

Table 9 below reflects the calculation of 1576 account balance.

Table 10 below reflects the allocation of Account 1576 balance by Customer Class. If the Board does not approve the use of Account 1576 for this purpose, the Parties propose the creation and disposition of a new variance account to implement the settlement described as above.

Under IFRS, Guelph Hydro has an ongoing responsibility to review and update annually its PP&E useful lives, which could result in accounting changes and depreciation expenses. Guelph Hydro has also indicated that it may be reviewing its capitalization of overhead costs during the IRM term. This is because Guelph Hydro was the first LDC to convert to IFRS in 2010-2011, at which time many of

the accounting rules related to rate-regulated entities had not been fully developed. Therefore, the Parties agree to capture rate base impacts of capitalization and depreciation changes until the next rebasing application (references: 1-SEC-1 part (f); Exhibit 2/Tab2/Schedule 3/Section 2.5.2.3 Capitalization Policy, page 3; Transcript pages 28-31 and 67-68).

Table 11 below summarizes the proposed rate adder by class that results from the clearance of Account 1576 (or the new variance account, as applicable). The Parties agree on a one (1) year disposition period.

If the Board does not approve the use of Account 1576 for the purpose described in the settlement of issue 4.1, the Parties propose the creation and disposition of a new variance account to implement the settlement described in issue 4.1; this new account will apply to capitalization and/or depreciation rate changes during the next IRM term.

Table 9 – Account 1576 – Accounting Changes for Depreciation

Account 1576 Accounting Changes for Depreciation Expense						
		Actual		Forecast		
PP&E Values using original Useful Lives (UL)						
Opening Net PP&E, note 1	\$	120,582,538	\$	125,377,375		
Net Additions, note 2		10,895,415		12,278,431		
Net Depreciation, note 2		6,100,577		6,374,912		
Closing Net PP&E	\$	125,377,375	\$	131,280,893		
PP&E Values using 2014 updated Useful Lives (UL)						
Opening Net PP&E, note 1	\$	120,582,538	\$	125,740,621		
Net Additions, note 2		10,895,415		12,278,431		
Net Depreciation, note 2		5,737,331		5,981,825		
Closing Net PP&E	\$	125,740,621	\$	132,037,227		
Difference in Closing PP&E, Original UL v. Updated UL	(\$	363,246)	(\$	756,333)		
Effect on Deferral and Variance Account Rate Riders						
Closing balance in Account 1576			(\$	756,333		
Return on Rate Base Associated with Account 1576 balance at WACC, note	3	·	(\$	49,119		
Amount included in Deferral and Variance Account Rate Rider Calculation			(\$	805,452		
Notes:						
1. Useful lives were reviewed and undated effective fiscal 2014, therefore) ~ ~	DDQ F Ia		1 2014		

- 1. Useful lives were reviewed and updated effective fiscal 2014, therefore Opening PP&E January 1, 2014 would be the same at this date
- 2. Net additions are additions net of disposals. Net depreciation is additions to depreciation net of disposals
- 3. WACC = 6.49%, Disposition Period = 1 year

Table 10 - Allocation of 1576 Balance by Customer Class

Account	Amount	Allocator	Residential	General Service less than 50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW		Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
1576	-\$805,452	kWh	-\$173,562	-\$68,303	-\$180,115	-\$253,290	-\$125,087	-\$764	-\$10	-\$4,322	-\$805,452
Total Mete	ered kWh (1)		386,643,528	152,157,763	401,243,062	564,253,257	278,656,832	1,700,939	21,457	9,628,070	1,794,304,908
Allocated 5	%		21.55%	8.48%	22.36%	31.45%	15.53%	0.09%	0.00%	0.54%	100.00%

Table 11 - Rate Rider Calculation for Account 1576

1576 Rate Rider Recovery Period				1	year
Rate Class	Units	kW/kWh/No of Customers	Balance of Account 1576	Rate Rider for Account 1576	
Residential	# Customers	50,242	-\$173,562	-\$0.29	
General Service less than 50 kW	kWh	152,157,763	-\$68,303	-\$0.0004	
General Service 50 to 999 kW	kW	1,046,605	-\$180,115	-\$0.1721	
General Service 1000 to 4999 kW	kW	1,196,727	-\$253,290	-\$0.2117	
Large Use	kW	499,880	-\$125,087	-\$0.2502	
Unmetered Scattered Load	kWh	1,700,939	-\$764	-\$0.0004	
Sentinel Lighting	kW	60	-\$10	-\$0.1600	
Street Lighting	kW	26,693	-\$4,322	-\$0.1619	
Total			-\$805,452		

An updated EDDVAR Continuity Schedule in working Microsoft Excel format reflecting this Settlement Proposal is provided under file named "Guelph_Settlement_Updated_EDDVAR_Continuity_Schedule_CoS". This file also includes the calculation of the various riders discussed at 4.2 issue below.

Evidence:

Application:

- Exhibit 1, Tab 5, Schedule 1: Non-Consolidated Audited Financial Statements:
- Exhibit 1, Tab 5, Schedule 2: Reconciliation Between Financial Statements and Regulatory Financial Results;
- Exhibit 1, Tab 5, Schedule 3: Annual Report and Management's Discussion and Analysis;
- Exhibit 1, Tab 5, Schedule 7: Accounting Orders;
- Exhibit 1, Tab 5, Schedule 8: Accounting Standards;
- Appendix 1-K: Guelph Hydro 2013 Audited Financial Statements;
- Appendix 1-L: Guelph Hydro 2014 Audited Financial Statements;
- Appendix 1-M: Management Discussion and Analysis

Interrogatory Responses:

• 4-Energy Probe-49 to 4-Energy Probe-52, Appendix 4-Energy Probe-52-b

Supporting Parties: All

4.2 Are the applicant's proposals for deferral and variance accounts, including the balances in the existing accounts and their disposition, and the continuation of existing accounts, appropriate?

Complete Settlement: For the purposes of the settlement of the issues in this proceeding, the Parties agree as follows:

- i) OPEB Forecast Cash versus Forecast Accrual Differential **Deferral Account - Guelph Hydro is to establish a new deferral** account for the purpose of recording the difference in revenue requirement each year, starting in the test year, between both the capitalized and OM&A components of OPEBs accounted for using a forecasted cash basis (as to be reflected in rates if this settlement is accepted by the Board) and both capitalized and OM&A components of OPEBs accounted for using a forecasted accrual basis. Carrying charges will not apply to this deferral account. If the Board determines that LDCs must only include in rates OPEBs accounted for using a forecasted cash basis, Guelph Hydro will seek to discontinue this account without seeking disposition of the amounts recorded in this account. If the Board determines that LDCs may recover OPEBs in rates using a forecasted accrual accounting methodology, the Parties agree that Guelph Hydro will be permitted to seek disposition of this account to recover the amounts so recorded in its next cost of service rate application. Guelph Hydro will propose a disposition period over which the account should be recovered depending on the quantum in the account and the potential rate impacts at the time. A draft accounting order for this account is attached as Appendix G to this Settlement Proposal.
- ii) Wireless Attachments Variance Account Guelph Hydro is to establish a new variance account for the purpose of recording any net incremental revenues received from new wireless attachments to Guelph Hydro's distribution system at any time during the term of the current 4GIRM plan. The revenues recorded in this account will be net of all costs associated with administering and facilitating the installation of such wireless attachments. If the amounts in this account exceed Guelph Hydro's materiality threshold, Guelph Hydro will seek disposition of this account at the time of its next rebasing application. If the amounts in this account do not exceed Guelph Hydro's materiality threshold, Guelph Hydro will seek to discontinue this account without seeking disposition of the amounts recorded in this account. A draft accounting order for this account is found in Appendix H to this Settlement Proposal.

iii) Guelph Hydro further agrees to dispose of the balances of the LRAMVA up to 2013 based on the 2013 final results that are currently available. Guelph Hydro notes that it is its intention to seek the future disposal of the any remaining balance for 2014 and forward upon receipt of verified actual results.

The resulting amount requested for disposition and the proposed LRAMVA rate riders are presented below as Table 12:

Table 12
Rate Rider Calculation for Accounts 1568

Please indicate the Rate Rider Recovery Period (in years) 1

Rate Class	Units	kW / kWh / # of		Balance of	Rate Rider for
(Enter Rate Classes in cells below)	Omits	Customers		Account 1568	Account 1568
RESIDENTIAL	kWh	386,643,528	\$	3,000	0.0000
GENERAL SERVICE LESS THAN 50 KW	kWh	152,157,763	\$	24,349	0.0002
GENERAL SERVICE 50 TO 999 KW	kW	1,046,605	\$	43,572	0.0416
GENERAL SERVICE 1,000 TO 4,999 KW	kW	1,196,727	\$	28,363	0.0237
LARGE USE	kW	499,880	\$	204,485	0.4091
UNMETERED SCATTERED LOAD	kWh	1,700,939	-\$	1,149	- 0.0007
SENTINEL LIGHTING	kW	60	\$	-	•
STREET LIGHTING	kW	26,693	\$	-	•
Total			\$	302,621	

For the purposes of the settlement of the issues in this proceeding, and subject to the above, the Parties agree that all of the Applicant's other proposals for deferral and variance accounts, including the balances in the existing accounts and their disposition and the continuation of existing accounts, are appropriate. The entire proposal for the treatment and disposition of all deferral and variance accounts are detailed in the file named

"Guelph_Settlement_Updated_EDDVAR_Continuity_Schedule_CoS".

Evidence:

Application:

- Exhibit 4, Tab 6, Schedule 1: Lost Revenue Adjustment Mechanism;
- Exhibit 4, Tab 6, Schedule 2: LRAM for Pre-2011 CDM Activities;
- Exhibit 4, Tab 6, Schedule 3: LRAM Variance Account (LRAMVA):
- Appendix 4-F: 2011 to 2013 Verified OPA Final and 2014 Preliminary CDM Results;
- Exhibit 9: Deferral and Variance Accounts in its entirety including Appendix 9-A: DVA Continuity Schedule

<u>Interrogatory Responses:</u>

4-Energy Probe-53, 9-Energy Probe-61

- 4-Staff-52
- 3-VECC-27, 4-VECC-48, 4-VECC-49, 4-VECC-62, 9-VECC-64, Appendix 9-VECC-64

Technical Conference Topics:

4-VECC-68

Technical Conference Transcript of August 10, 2015

Pages 209-210

Appendices to this Settlement Proposal:

- Appendix G OPEB Draft Accounting Order Appendix 2-AB
- Appendix H Wireless Attachment Draft Accounting Order
- Appendix I Revenue Requirement Work Form

Supporting Parties: All

5 Other

5.1 Are the proposed new Specific Service Charges appropriate (i.e. Bond Connection – Underground, Bond Connection – Overhead)?

Complete Settlement: For the purposes of the settlement of the issues in this proceeding, the Parties accept the evidence of Guelph Hydro that the new Specific Service Charges are appropriate because the new specific charges are based on Guelph Hydro's actual cost reflected in its work orders to complete the overhead and underground Bond Connections, and the new Specific Service Charges were calculated in accordance with the Board's 2006 Electricity Distribution Rate Handbook.

Evidence:

Application:

- Exhibit 1, Tab 7, Schedule 3, page 2;
- Exhibit 8, Tab 6, Schedule 1: Specific Service Charges

Interrogatory Responses:

- 8-Staff-63, Appendix 8-Staff-63
- 8-VECC-58

Technical Conference Topics:

8-VECC-76

Supporting parties: All

5.2 Is the proposed level and application of the e-billing credit appropriate?

Complete Settlement: For the purposes of settlement of the issues in this proceeding, the Parties agree that Guelph Hydro's proposed one-time \$10 e-billing credit and associated \$60,000 OM&A cost is appropriate. The Parties further agree that this credit should also be offered to customers who signed-up prior to the test year, and that Guelph Hydro should be permitted to recover the \$40,000 associated with these credits as a one-time expense in 2016, amortized over the full 5 years of the IRM plan. These amounts are encompassed within, and are not in addition to, the settlement on issue 1.2 above.

Evidence:

Application:

- Exhibit 1, Tab 7, Schedule 3, page 2;
- Exhibit 8, Tab 6, Schedule 1, page 3

<u>Interrogatory Responses:</u>

- 8-Energy Probe-60
- 8-Staff-64
- 8-VECC-59

Supporting Parties: All

5.3 Are the proposed new standby rates for the General Service > 50kw rate classes appropriate?

Complete Settlement: For the purposes of the settlement of the issues in this proceeding, the Parties accept the proposal of Guelph Hydro for the interim Standby Rates for its General Service > 50 kW customer classes. The revised description is as follows:

"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."

"MONTHLY RATES AND CHARGES - Delivery Component:

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

- 1. Distribution volumetric charges and all other charges such as RTSRs are applied to the highest demand amount on the load meter in the billing period
- 2. The demand amount on both meters, load and generation, are added together and highest demand amount is determined in the billing period.
- 3. Standby charges are applied to difference between the demand amounts in 2 minus 1.

Subject to this adjustment, the Parties accept the evidence of Guelph Hydro that the proposed new interim standby rates for the General Service > 50kw rate classes are appropriate. The standby rates are appropriate because they recovered the cost for keeping Guelph Hydro's assets available for the required power when load displacement generation is not available.

Evidence:

Application:

- Exhibit 1, Tab 7, Schedule 3, page 2;
- Exhibit 8, Tab 1, Schedule 1, page 12 to 14

<u>Interrogatory Responses:</u>

- 8-Staff-62
- 8-VECC-55

Technical Conference Topics:

- 7-VECC-72, 8-VECC-75
 Appendices to this Settlement Proposal:
- Appendix A 2016 Tariff of Rates and Charges

Supporting Parties: All

5.4 Is the proposal for recovery of Zigbee Chip costs appropriate?

Complete Settlement: For the purposes of the settlement of the issues in this proceeding and subject to the change described in issue 1.1 above, the Parties agree that proposal for recovery of Zigbee Chip costs is appropriate. Guelph Hydro filed a business plan sufficient to support the cost recovery, and Guelph Hydro has demonstrated that the Zigbee Chips are now used and useful.

Evidence:

Application:

- Exhibit 1, Tab 2, Schedule 8, page 3;
- Exhibit 9, Tab 7, Schedule 1, page 4 to 9

Interrogatory Responses:

- 9-Energy Probe-62, Appendix 9-Energy Probe-62-a
- 2-Staff-12, 9-Staff-65
- 9-VECC-63
- 2-SEC-19

Technical Conference Transcript of August 10, 2015:

Pages 206-209

Undertaking Responses:

• JT1.37, Appendix JT1.37

Appendices to this Settlement Proposal:

Appendix C – OEB Appendix 2-BA

Supporting Parties: All

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix A – 2016 Tariff of Rates and Charges

See attached, as revised to reflect this Settlement Proposal.

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	18.93
Rate Rider for Recovery of Stranded Meter Assets – effective until March 31, 2016	\$	0.73
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.18)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016	\$	(0.29)
Distribution Volumetric Rate	\$/kWh	0.0144
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	0.0000
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kWh	0.0007
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (S	,	
- effective until March 31, 2016	\$/kWh	0.0003
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kWh	0.0000
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0058
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service – Administrative Charge (if applicable)

Service Charge	\$	16.33
Rate Rider for Recovery of Stranded Meter Assets – effective until March 31, 2016	\$	0.73
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.50)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0137
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kWh	0.0004
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016	\$/kWh	(0.0004)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SS	,	
effective until March 31, 2016	\$/kWh	0.0001
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

0.0013

0.25

\$/kWh

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, and General Service 50 to 999 kW interval metered. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	177.03
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(3.80)
Distribution Volumetric Rate	\$/kW	2.6971
Low Voltage Service Rate	\$/kW	0.0121
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016		
Applicable only for Non-RPP and Non-Wholesale Market Participant Customers	\$/kW	1.2841
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	(0.1229)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016		
Applicable only for Wholesale Market Participant Customers	\$/kW	0.0050
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kW	0.0614
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016	\$/kW	(0.1721)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SS	M)	
effective until March 31, 2016	\$/kW	0.0065
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kW	0.0416
Retail Transmission Rate – Network Service Rate	\$/kW	2.8441
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.9501
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1485
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.2291

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025 Distribution Volumetric Rate	\$ \$ \$/kW	560.00 (46.33) 2.9942
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Class B Customers	\$/kW	1.5880
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	(0.1363)
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kW	0.0567
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016 Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM	\$/kW 1)	(0.2117)
- effective until March 31, 2016	\$/kW	0.0061
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kW	0.0237
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.9501
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.2291
MONTHLY RATES AND CHARGES – Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Comition Channel	œ.	4 070 50
Service Charge	\$	1,076.53
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(151.18)
Distribution Volumetric Rate	\$/kW	2.6901
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	(0.1660)
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kW	0.0373
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016	\$/kW	(0.2502)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM)		
- effective until March 31, 2016	\$/kW	0.0099
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kW	0.4091
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	3.5626
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.6917
MONTHLY RATES AND CHARGES – Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service – Administrative Charge (if applicable)

Service Charge (per connection) \$ 4.78	}
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025 \$ (0.0	5)
Distribution Volumetric Rate \$/kWh 0.02	218
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016	
Applicable only for Non-RPP Customers \$/kWh 0.00)34
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 \$/kWh (0.0	004)
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016 \$/kWh 0.00	004
	004)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM)/Shared Savings Mechanism (SSM)	,
- effective until March 31, 2016 \$/kWh 0.00)48
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016 \$/kWh (0.0	007)
Retail Transmission Rate – Network Service Rate \$/kWh 0.00)68 [°]
Retail Transmission Rate – Line and Transformation Connection Service Rate \$/kWh 0.00)51
MONTHLY RATES AND CHARGES – Regulatory Component	
Wholesale Market Service Rate \$/kWh 0.00)44
Rural or Remote Electricity Rate Protection Charge (RRRP) \$/kWh 0.00	

0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – APPROVED ON AN INTERIM BASIS

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

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	7.39
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.1829
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kW	1.2005
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	(0.6580)
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kW	0.3253
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016	\$/kW	(0.1600)
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate	\$/kW	2.1776
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6451
MONTHLY RATES AND CHARGES – Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 OEB 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.42
Rate Rider for Disposition of Post Retirement Actuarial Gain – effective until March 31, 2025	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.0324
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kW	1.2148
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	(0.1255)
Rate Rider for Disposition of Deferred PILs Variance Account 1562 – effective until March 31, 2016	\$/kW	0.0738
Rate Rider for Disposition of Account 1576 – Accounting Changes – effective until December 31, 2016	\$/kW	(0.1619)
Rate Rider for Disposition of LRAM Variance Account (2016) – effective until December 31, 2016	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate	\$/kW	2.6201
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9794

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$ 5.40

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

ALLOWANCES

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

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

Arrears Certificate	\$	15.00
Returned Cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit Service Charge for paperless bill	\$	(10.00)
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	9.00
Disconnect/Reconnect at Meter – during regular hours	\$	20.00
Disconnect/Reconnect at Meter - after regular hours	\$	50.00
Disconnect/Reconnect at Pole – during regular hours	\$	50.00
Disconnect/Reconnect at Pole – after regular hours	\$	95.00
Other		
Service Call – customer-owned equipment	\$	17.50
Service Call – after regular hours	\$	95.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Overhead Bond Connection – per connection	\$	105.00
Underground Bond Connection – per connection	\$	100.00
·		

Effective and Implementation Date January 1, 2016

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

EB-2015-0073

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit 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 retaile	r \$	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	1.0260
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor – Primary Metered Customer > 5.000 kW	1.0036

	Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal
Appendix B – OEB Appendix 2-	АВ

See attached for an updated Appendix 2-AB revised to reflect this Settlement Proposal

Appendix 2-AB

Table 2 - Capital Expenditure Summary from Chapter 5 Consolidated Distribution System Plan Filing Requirements

First year of Forecast Period: 2016

		Historical Period (previous plan ¹ & actual)													Forecast Period (planned)						
System Access System Renewal System Service General Plant TOTAL EXPENDITURE	2011 2012							2013		2014		2015		2016	2017	2018	2019	2020			
	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual ²	Var	2016	2017	2010	2019	2020	
		-	%			%			%			%			%				-		
System Access	N/A	6,574,742		N/A	5,018,365	ı	N/A	4,229,054	-	N/A	4,886,595	1	N/A	5,846,937	-	5,397,045	5,496,506	5,670,452	5,829,015	5,982,336	
System Renewal	N/A	1,648,262		N/A	2,536,522	ı	N/A	2,830,493	-	N/A	3,726,430	1	N/A	3,960,130	-	4,478,934	4,613,302	4,751,701	4,894,252	5,041,080	
System Service	N/A	16,898,611		N/A	3,139,974	ı	N/A	3,185,982	-	N/A	2,250,748	1	N/A	3,842,621	-	1,858,400	1,914,152	1,971,576	2,030,724	2,091,645	
General Plant	N/A	1,052,721		N/A	984,738	ı	N/A	1,220,577	-	N/A	2,359,438	1	N/A	2,212,704	-	2,195,685	1,431,505	1,474,450	1,518,684	1,564,244	
TOTAL EXPENDITURE	ı	26,174,335		-	11,679,598	1	-	11,466,106	1	-	13,223,211	-	ı	15,862,392	1	13,930,063	13,455,465	13,868,179	14,272,674	14,679,305	
System O&M	-	5,379,426		-	5,619,519	1	-	6,425,264	-	-	6,784,094	-	-	7,186,934	-	7,856,913	7,966,910	8,078,446	8,191,545	8,306,226	

Notes to the Table:

1. Historical "previous plan" data is not required unless a plan has previously been filed

2. Indicate the number of months of 'actual' data included in the last year of the Historical Period (normally a 'bridge' year):

2014 are full year actual results
2015 Bridge Year is a forecast, no "actual results are included.

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix C – OEB Appendix 2-BA

See attached for an updated Appendix 2-BA revised to reflect this Settlement Proposal.

Appendix 2-BA **Fixed Asset Continuity Schedule**

Accounting Standard MIFRS Year 2015

					Co	st				Г		Ac	cumulated [Depr	eciation			Ī	
CCA			Opening						Closina		Opening						Closing		Net Book
Class	OEB	Description	Balance		Additions	D	isposals		Balance		Balance		Additions	Di	sposals	l	Balance		Value
		Computer Software (Formally known as																	
12	1611	Account 1925)	\$ 613,8	318	\$ 522,302	\$	-	\$	1,136,120	-\$	226,055	-\$	174,994	\$	-	-\$	401,049	\$	735,071
050	4040	Land Rights (Formally known as Account																	
CEC	1612	1906)						\$	-							\$	-	\$	-
N/A	1805	Land	\$ 4,379,3	383	\$ -	\$	-	\$	4,379,383	\$	-	\$	-	\$	-	\$	-	\$	4,379,383
47	1808	Buildings	\$ 16,577,0		\$ 255,000	\$	-	\$	16,832,608	-\$	2,684,716	-\$	712,345	\$	-	-\$	3,397,062	\$	13,435,547
13	1810	Leasehold Improvements	\$	-	\$ -	\$	-	\$	-	\$	-,,	\$	-	\$	-	\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$ 15,820,0	372	\$ 982,000	\$	-	\$	16,802,672	-\$	1,540,701	-\$	415.905	\$	-	-\$	1,956,606	\$	14,846,066
47	1820	Distribution Station Equipment <50 kV	\$ 1,668,0		\$ 1,250,000	\$	-	\$	2,918,064	-\$	231,208	-\$	62,955	\$	-	-\$	294,163	\$	2,623,901
47	1825	Storage Battery Equipment	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	
47	1830	Poles, Towers & Fixtures	\$ 20,020,	330	\$ 2,850,291	\$	-	\$	22,870,621	-\$	2,311,319	-\$	524.048	\$	-	-\$	2,835,367	\$	20.035.254
47	1835	Overhead Conductors & Devices	\$ 14,655.0		\$ 1,385,877	\$	-	\$	16,041,546	-\$	1,534,516	-\$	320,748	\$	-	-\$	1.855,264	\$	14,186,282
47	1840	Underground Conduit	\$ 36,955,0		\$ 4,641,626	\$	-	\$	41,597,286	-\$	4,758,178	-\$	845,596	\$	-	-\$	5,603,773	\$	35,993,512
47	1845	Underground Conductors & Devices	\$ 32,562,		\$ 1,748,902	\$	-	\$	34,311,242	-\$		-\$	1,161,789	\$	-	-\$	6,253,587	\$	28,057,655
47	1850	Line Transformers	\$ 15,130,8		\$ 1,526,293	\$		\$	16,657,144	-\$		-\$	525,413	\$	-	-\$	2,845,057	\$	13,812,087
47	1855	Services (Overhead & Underground)	\$ 6,642,8		\$ 1,387,904	\$		\$	8,030,711	-\$		-\$	297,439	\$	-	-\$	1,617,365	\$	6,413,345
47	1860	Meters	\$ 15,117,		\$ 1,010,000	\$	-	\$	16,127,169	-\$	4,150,056	-\$	903.549	\$	-	-\$	5,053,605	\$	11.073.564
47	1860	Meters (Smart Meters)	Ψ 10,117,	. 50	Ψ 1,010,000	Ψ.		\$		Ψ	4, 100,000	Ť	000,040	Ψ.		\$	-	\$,070,004
N/A	1905	Land	\$	_	\$ -	\$		\$		\$	_	\$	_	\$		\$	-	\$	
47	1908	Buildings & Fixtures	\$	_	\$ -	\$		\$		\$		\$	_	\$		\$		\$	
13	1910	Leasehold Improvements	\$	_	\$ -	\$	_	\$	-	\$	-	\$	_	\$	-	\$		\$	
8	1915	Office Furniture & Equipment (10 years)	\$ 786,2	2///	\$ 58,000	ψ		\$	844,244	-\$	418,342	Ψ.	151,756	¢.		-\$	570,098	\$	274,145
8	1915	Office Furniture & Equipment (10 years)	\$ 700,		Ψ 30,000	Ψ		\$	044,244	\$	410,342	-Ψ	131,730	Ψ		\$	370,030	\$	274,140
10	1920	Computer Equipment - Hardware	\$ 2,426.5	- 20	\$ 680,000	Φ.		\$	3,106,538	-\$	1,582,775	Φ	336.411	æ	-	-\$	1,919,187	\$	1,187,351
			φ 2,420,)30	\$ 000,000	Ψ		Ψ	3, 100,336	-φ	1,302,773	-φ	330,411	Ψ		-φ	1,919,107	φ	1,107,331
45	1920	Computer EquipHardware(Post Mar. 22/04)						\$								\$		\$	
						+		ā		⊢		H				ð		Φ	
45.1	1920	Computer EquipHardware(Post Mar. 19/07)						\$								\$		\$	
10	1930	Transportation Equipment	\$ 3,175,3	250	\$ 739,332	0		\$	3,914,691	0	1,290,900	¢.	424,706	6	-	-\$	1,715,606	\$	2,199,086
8	1935		\$ 3,175,	54	φ 139,332 Φ	Φ		\$	54	-\$	1,290,900	- - \$	424,700	φ.		-\$ -\$	1,715,606	\$	2,199,000
		Stores Equipment		_	\$ -	\$				-\$			82,903	\$		_		_	252.025
8	1940	Tools, Shop & Garage Equipment	\$ 762,9		\$ 64,000 \$ -	\$		\$	826,938	-\$	391,400	-\$	82,903	_		-\$	474,303	\$	352,635
8	1945	Measurement & Testing Equipment		974	<u> </u>			\$	2,974	-\$ \$	2,974	\$	-	\$		-\$ \$	2,974	\$	0
8	1950	Power Operated Equipment	\$	_	\$ -	\$	-	_	-	_		\$	-	_	-	_	-	_	
8	1955	Communications Equipment	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)			_	Ļ		\$		Ŀ		_		<u> </u>		\$		\$	
8	1960	Miscellaneous Equipment	\$ 214,	353	\$ -	\$	-	\$	214,353	-\$	214,352	\$	-	\$	-	-\$	214,352	\$	1
	1970	Load Management Controls Customer			•			۱	400.074				40.40=			I .		_	=
47		Premises	\$ 136,	371	\$ -	\$	-	\$	136,371	-\$	54,734	-\$	10,437	\$	-	-\$	65,171	\$	71,200
47	1975	Load Management Controls Utility Premises						١.				١.				١.		١.	
		,	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	
47	1980	System Supervisor Equipment	\$ 1,514,0		\$ 218,000	-	-	\$	1,732,061	-\$		-\$	196,722	\$	-	-\$	993,407	\$	738,655
47	1985	Miscellaneous Fixed Assets		157	\$ -	\$	-	\$	6,157	-\$	6,157	\$	-	\$	-	-\$	6,157	\$	0
47	1990	Other Tangible Property	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1995	Contributions & Grants	-\$ 42,371,		-\$ 3,057,000		-	-\$	45,428,738	\$	4,588,130	\$	1,165,942	\$	-	\$	5,754,072	-\$	39,674,666
	2070	Other Utility Plant	\$	398	\$ -	\$	-	\$	398	-\$	154	-\$	51	\$	-	-\$	205	\$	193
						_		\$	-							\$	-	\$	
		Sub-Total before Work in Process	\$ 146,798,		\$ 16,262,527	\$	-		163,060,606	-\$	26,338,513	-\$	5,981,825	\$	-	-\$	32,320,338		130,740,268
	2055	Work in Process - Non-Distribution assets	\$ 605,0		\$ 500,000	-\$	605,634	\$	500,000	\$	-					\$	-	\$	500,000
	2055	Work in Process - Distribution system	\$ 4,551,8		\$ 1,200,000		4,551,893	\$	1,200,000	\$	-					\$	-	\$	1,200,000
	2055	Work in Process - AFUDC	\$ 123,	528	\$ 96,959	-\$	123,528	\$	96,959	\$	-					\$	-	\$	96,959
		Less Socialized Renewable Energy																	
		Generation Investments (input as negative)														1			
		` · · · · ·						\$	-							\$	-	\$	-
		Less Other Non Rate-Regulated Utility						ı								l		1	
		Assets (input as negative)						\$	-							\$	-	\$	-
		Total PP&E	\$ 152,079,	134	\$ 18,059,486	-\$ 5	5,281,055	\$	164,857,565	-\$	26,338,513	-\$	5,981,825	\$	-	-\$	32,320,338	\$	132,537,227
		Depreciation Expense adj. from gain or lo	oss on the re	tiren	nent of assets	(por	ol of like a	asse	ets), if applic	able	6								
		Total										-\$	5,981,825	1					
														-					

10	Transportation
8	Stores Equipment

 Less: Fully Allocated Depreciation

 Transportation
 -\$ 424,706

 Stores Equipment
 -\$ 82,903

 Net Depreciation
 -\$ 5,474,217

Appendix 2-BA **Fixed Asset Continuity Schedule**

Accounting Standard MIFRS 2016 Year

						Cos	st					Acc	cumulated De	ated Depreciation					
CCA				Opening					Closing		Opening								
Class	OEB	Description		Balance		Additions	Di	sposals	Balance		Balance	1	Additions	D	Disposals	Clo	sing Balance	Net	Book Value
12	1611	Computer Software (Formally known as																	
12	1011	Account 1925)	\$	1,136,120	\$	93,000	\$	-	\$ 1,229,120	-\$	401,049	-\$	218,459	\$	-	-\$	619,508	\$	609,612
CEC	1612	Land Rights (Formally known as Account														١.			
		1906)	L.						\$ -							\$	-	\$	-
N/A	1805	Land	\$	4,379,383	\$	-	\$	-	\$ 4,379,383	\$		\$		\$	-	\$		\$	4,379,383
47		Buildings	\$	16,832,608		1,304,000	\$	-	\$ 18,136,608	-\$	3,397,062	-\$	734,102	\$	-	-\$	4,131,164	\$	14,005,445
13	1810	Leasehold Improvements	\$	-	\$		\$	-	\$ -	\$	-	\$	-	\$	-	\$		\$	
47	1815	Transformer Station Equipment >50 kV	\$	16,802,672	\$	599,000	\$	-	\$ 17,401,672	-\$	1,956,606	-\$	435,667	\$	-	-\$	2,392,274	\$	15,009,399
47	1820	Distribution Station Equipment <50 kV	\$	2,918,064	\$	-	\$	-	\$ 2,918,064	-\$	294,163	-\$	78,580	\$	-	-\$	372,743	\$	2,545,320
47		Storage Battery Equipment	\$		\$	2.209.145	-		\$ - \$ 25.079.766	-\$	2.835.367	\$	574.117	\$		\$		\$	
47 47		Poles, Towers & Fixtures Overhead Conductors & Devices	\$	22,870,621 16,041,546	\$	1,074,137	\$		\$ 25,079,766 \$ 17.115.683	-\$	1,855,264	-\$ -\$	343,375	\$	-	-\$ -\$	3,409,484 2,198,639	\$	21,670,282
47		Underground Conduit	\$	41,597,286	\$	3,678,537	\$		\$ 45,275,823	-\$ -\$		-\$ -\$	928.198	\$		-\$ -\$	6,531,971	\$	38.743.852
47		Underground Conductors & Devices	\$	34,311,242	\$	1,355,503	\$		\$ 35,666,745	-\$ -\$		-\$ -\$	1,199,753	\$		-\$ -\$	7,453,340	\$	28,213,405
47	1850	Line Transformers	\$		\$		\$	- -	\$ 17,840,112	- \$		-\$ -\$		\$		-\$ -\$		\$	14,440,443
47	1855	Services (Overhead & Underground)	\$		\$				\$ 9.106.421	-\$	1,617,365	-\$	337,371	\$		-\$	1,954,737	\$	7,151,684
47		Meters (1)	\$	16,727,823	\$	415,000	\$		\$ 17,142,823	<u>-</u> \$	5,272,554	-\$	967,941	\$		-\$	6,240,495	\$	10,902,328
47	1860	Meters (Smart Meters)	φ	10,727,023	φ	415,000	Ψ		\$ 17,142,623	-φ	3,212,334	-φ	307,341	φ		\$	0,240,493	\$	10,902,320
N/A	1905	Land	\$	_	\$	_	\$		\$ -	\$	_	\$	_	\$	-	\$		\$	
47		Buildings & Fixtures	\$	-	\$		\$		\$ -	\$		\$	-	\$		\$		\$	
13	1910	Leasehold Improvements	\$		\$		\$		\$ -	\$		\$		\$	-	\$		\$	
8	1915	Office Furniture & Equipment (10 years)	\$	844.244	\$	163.000	\$		\$ 1,007,244	-\$	570.098	-\$	57.747	\$		-\$	627,845	\$	379,399
8	1915	Office Furniture & Equipment (5 years)	\$	-	Ψ	100,000	Ψ.		\$ -	\$	-	Ψ	01,141	Ψ		\$	-	\$	-
10		Computer Equipment - Hardware	\$	3.106.538	\$	497.000	\$	-	\$ 3,603,538	-\$	1.919.187	-\$	398.404	\$		-\$	2.317.591	\$	1.285.947
45	1920	Computer EquipHardware(Post Mar. 22/04)	Ť	0,100,000	Ψ_	101,000	T .		\$ -	Ψ.	1,010,101	T	000,101	Ť		\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)							\$ -							\$	-	\$	-
10	1930	Transportation Equipment	\$	3,914,691	\$	573,000	\$	-	\$ 4,487,691	-\$	1.715.606	-\$	464,989	\$	-	-\$	2.180.594	\$	2,307,097
8	1935	Stores Equipment	\$	54	\$	-	\$	-	\$ 54	-\$	54	\$	-	\$	-	-\$	54	\$	0
8	1940	Tools, Shop & Garage Equipment	\$	826,938	\$	66,000	\$	-	\$ 892,938	-\$	474,303	-\$	85,452	\$		-\$	559,755	\$	333,183
8	1945	Measurement & Testing Equipment	\$	2,974	\$	-	\$	-	\$ 2,974	-\$	2,974	\$	-	\$		-\$	2,974	\$	0
8	1950	Power Operated Equipment	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communications Equipment	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)							\$ -							\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	214,353	\$	-	\$	-	\$ 214,353	-\$	214,352	\$	-	\$	-	-\$	214,352	\$	1
	1970	Load Management Controls Customer																	
47	1970	Premises	\$	136,371	\$	-	\$	-	\$ 136,371	-\$	65,171	-\$	10,336	\$	-	-\$	75,507	\$	60,864
47	1975	Load Management Controls Utility Premises	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
47		System Supervisor Equipment	\$	1,732,061	\$	225,000	\$	-	\$ 1,957,061	-\$	993,407	-\$	153,405	\$	-	-\$	1,146,812	\$	810,250
47	1985	Miscellaneous Fixed Assets	\$	6,157	\$	-	\$	-	\$ 6,157	-\$	6,157	\$	-	\$	-	-\$	6,157	\$	0
47	1990	Other Tangible Property	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
47	1995	Contributions & Grants	-\$	45,428,738	-\$	3,148,000	\$	-	-\$ 48,576,738	\$	5,754,072	\$	1,246,935	\$	-	\$	7,001,008	-\$	41,575,731
	2070	Other Utility Plant	\$	398	\$	-	\$	-	\$ 398	-\$	205	-\$	51	\$	-	-\$	256	\$	142
									\$ -							\$	-	\$	-
		Sub-Total before Work in Process		, ,		11,363,000		-	\$ 175,024,260	-\$	32,539,287	-\$	6,295,624	\$	-	-\$	38,834,911		136,189,350
		Work in Process - Non-Distribution assets	-\$	0	\$		\$	-	-\$ 0	\$	-					\$	-	-\$	0
		Work in Process - Distribution system	\$	1,200,000	\$		-\$ 1	,200,000	\$ 1,200,000	\$	-					\$	-	\$	1,200,000
	2055	Work in Process - AFUDC	\$	96,959	\$	39,577	-\$	96,959	\$ 39,577	\$	-					\$	-	\$	39,577
		Less Socialized Renewable Energy							[.							١.			
		Generation Investments (input as negative)							\$ -							\$	-	\$	-
		Less Other Non Rate-Regulated Utility							[.							١.			
		Assets (input as negative)							\$ -							\$	-	\$	-
		Total PP&E	\$	164,958,219	\$	12,602,577	-\$ 1	,296,959	\$ 176,263,837	-\$	32,539,287	-\$	6,295,624	\$	-	-\$	38,834,911	\$ 1	137,428,926
		Depreciation Expense adj. from gain or loss	s on	the retiremen	t o	f assets (po	ol of	like asse	ts), if applicable	•				1					
	1	Total										-\$	6,295,624						

Note (1) The opening balance is the 2015 closing balance adjusted for Zigbee chip costs of \$600,654

Transportation Stores Equipment

The opening balance is the 2015 closing balance adjusted for Zigbee chip depreciation of \$218,949

 Less: Fully Allocated Depreciation

 Transportation
 \$ 464,989

 Stores Equipment
 \$ 85,452

 Net Depreciation
 \$ 5,745,184

 -\$ 85,452 -\$ 5,745,184

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix D – Bill Impacts

2016 Total Bill Impact Summary

	kWh	100	250	420	500	800	1,000	1,500	2,000
Residential	Bill Impact \$	\$3.55	\$2.79	\$1.91	\$1.52	(\$0.03)	(\$1.04)	(\$3.60)	(\$6.16)
	Bill Impact %	11.39%	5.24%	2.45%	1.69%	-0.02%	-0.64%	-1.52%	-1.99%

Loss Factor 1.0260

General Service	kWh	1,000	2,000	5,000	10,000	15,000
Less than 50 kW	Bill Impact \$	(\$0.32)	(\$1.28)	(\$4.12)	(\$8.87)	(\$13.61)
Less than 50 kw	Bill Impact %	-0.21%	-0.43%	-0.58%	-0.63%	-0.64%

Loss Factor 1.0260

	kWh	22,776	37,960	189,800	379,600
General Service	kW	60	100	500	1,000
50 to 999 kW	Bill Impact \$	(\$76.84)	(\$134.14)	(\$709.25)	(\$1,427.60)
	Bill Impact %	-2.07%	-2.21%	-2.44%	-2.47%

Loss Factor 1.0260 Load Factor 52%

	kWh	48,910	244,550	489,100
General Service	kW	100	500	1,000
1000 to 4999 kW	Bill Impact \$	(\$295.00)	(\$1,095.52)	(\$2,096.18)
	Bill Impact %	-3.73%	-2.97%	-2.87%

Loss Factor 1.0260 Load Factor 67%

	kWh	3,035,340	4,215,750	5,621,000	8,431,500
Large Use	kW	5,400	7,500	10,000	15,000
Large USe	Bill Impact \$	(\$2,404.08)	(\$3,397.90)	(\$4,581.02)	(\$6,947.26)
	Bill Impact %	-0.57%	-0.58%	-0.59%	-0.60%

Loss Factor 1.0036 Load Factor 77%

	Jnmetered	kWh	325
		Bill Impact \$	(\$5.27)
Scattered Load	Bill Impact %	-8.11%	

Loss Factor 1.0260

	kWh	365
	kW	1
	Bill Impact \$	(\$2.24)
	Bill Impact %	-3.22%

Loss Factor 1.0260 Load Factor 50%

		kWh	946,080	63
		kW	2,400	0.16
		Bill Impact \$	(\$1,803.83)	(\$0.27)
		Bill Impact %	-1.13%	-2.37%

Loss Factor 1.0260 Load Factor 54%

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix E – Settled Load Forecast

Appendix D - Settled Load Forecast Guelph Hydro Electric Systems Inc. - Cost of Service Application - EB-2015-0073

	Application (A)	Interrogatories (B)	Variance (C) = (B) - (A)	Settlement (D)	Variance (E) = (D) - (B)
Residential					
Customers	50,242	50,242	-	50,242	-
kWh	381,586,775	381,586,775	-	386,643,528	5,056,753
General Service < 50 kW					
Customers	4,101	4,101	-	4,101	-
kWh	150,174,015	150,174,015	-	152,157,763	1,983,748
General Service 50 to 999 kW					
Customers	567	567	-	567	-
kWh	397,678,750	397,678,750	-	401,243,062	3,564,312
kW	1,037,307	1,037,307	-	1,046,605	9,297
General Service 1,000 to 4,999 kW					
Customers	42	42	-	42	-
kWh	563,100,354	563,100,354	-	564,253,257	1,152,903
kW	1,194,282	1,194,282	-	1,196,727	2,445
Large Use					
Customers	5	5	-	5	-
kWh	276,633,108	276,633,108	-	278,656,832	2,023,724
kW	496,250	496,250	-	499,880	3,630
Unmetered Scattered Load					
Connections	545	545	-	545	-
kWh	1,700,939	1,700,939	-	1,700,939	-
Sentinel Lighting					
Connections	6	6	-	6	-
kWh	21,457	21,457	-	21,457	-
kW	60	60	-	60	-
Street Lighting					
Customers	14,172	14,172	-	14,172	-
kWh	9,628,070	9,628,070	-	9,628,070	-
kW	26,693	26,693	-	26,693	-
Total					
Customers/Connections	69,680	69,680	-	69,680	-
kWh	1,780,523,469	1,780,523,469	-	1,794,304,908	13,781,439
kW from applicable classes	2,754,592	2,754,592	-	2,769,965	15,37

Note: CDM Adjustments are included in all figures presented.

Residential Customers 50,242 50,243 50,242 50,243 5		Cottlement	Cattlement	CDM
Carre Carr		Settlement Refere CDM	Settlement	
Residential				
Customers 50,242 50,242 - kWh 390,253,631 386,643,528 3,610,103 General Service < 50 kW 4,101 4,101 - kWh 153,095,225 152,157,763 937,462 General Service 50 to 999 kW 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW 2 2 42 - kWh 564,855,911 564,253,257 602,654 kW 1,198,005 1,196,727 1,278 Large Use 2 42 42 -	Residential	(A)	(6)	$(C) = (A) \cdot (B)$
kWh 390,253,631 386,643,528 3,610,103 General Service < 50 kW Customers 4,101 4,101 - kWh 153,095,225 152,157,763 937,462 General Service 50 to 999 kW Customers 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW 2 2 42 42 - - kWh 564,855,911 564,253,257 602,654		50 242	50 242	
General Service < 50 kW 4,101 4,101 - kWh 153,095,225 152,157,763 937,462 General Service 50 to 999 kW - - Customers 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW - - Customers 42 42 - kWh 564,855,911 564,253,257 602,654 kW 1,198,005 1,196,727 1,278 Large Use - - Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load - - Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting - - -				3 610 103
Customers 4,101 4,101 - kWh 153,095,225 152,157,763 937,462 General Service 50 to 999 kW Customers 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW 42 42 - Customers 42 42 - kWh 1,198,005 1,196,727 1,278 Large Use 5 5 5 - Customers 5 5 5 - kWh 297,294,274 278,656,832 18,637,441 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load 5 545 - Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting 6 6 6 - KWh 10,327,137 9,628,070 <td>KVVII</td> <td>030,200,001</td> <td>000,040,020</td> <td>0,010,100</td>	KVVII	030,200,001	000,040,020	0,010,100
kWh 153,095,225 152,157,763 937,462 General Service 50 to 999 kW Customers 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW Customers 42 42 - kWh 564,855,911 564,253,257 602,654 602,654 kW 1,198,005 1,196,727 1,278 Large Use Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kWh 21,457 21,457 - kWh 10,327,137 9,628,070 699,067 kWh 28,631 <t< td=""><td>General Service < 50 kW</td><td></td><td></td><td></td></t<>	General Service < 50 kW			
Customers 567 567 -	Customers	4,101	4,101	-
Customers 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW Customers 42 42 - kWh 564,855,911 564,253,257 602,654 kW 1,198,005 1,196,727 1,278 Large Use Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kWh 60 60 - Street Lighting Customers 14,172 14,172 -	kWh	153,095,225	152,157,763	937,462
Customers 567 567 - kWh 404,055,449 401,243,062 2,812,387 kW 1,053,940 1,046,605 7,336 General Service 1,000 to 4,999 kW Customers 42 42 - kWh 564,855,911 564,253,257 602,654 kW 1,198,005 1,196,727 1,278 Large Use Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kWh 60 60 - Street Lighting Customers 14,172 14,172 -				
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Customers 42 42 - kWh 564,855,911 564,253,257 602,654 kW 1,198,005 1,196,727 1,278 Large Use Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kWh 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kWh 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	General Service 1,000 to 4,999 kW			
kWh 564,855,911 564,253,257 602,654 kW 1,198,005 1,196,727 1,278 Large Use Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116		42	42	-
kW 1,198,005 1,196,727 1,278 Large Use 5 5 - Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116				602 654
Large Use 5 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116				·
Customers 5 5 - kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116		1,100,000	1,100,121	1,210
kWh 297,294,274 278,656,832 18,637,441 kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	Large Use			
kW 533,314 499,880 33,434 Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting	Customers	5	5	-
Unmetered Scattered Load Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting 0 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting 0 - - Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total 0 0 - Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	kWh	297,294,274	278,656,832	18,637,441
Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	kW	533,314	499,880	33,434
Connections 545 545 - kWh 1,700,939 1,700,939 - Sentinel Lighting Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	Hamatarad Coettarad Load			
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Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	KVVN	1,700,939	1,700,939	-
Connections 6 6 - kWh 21,457 21,457 - kW 60 60 - Street Lighting Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	Sentinel Lighting			
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kW 60 60 - Street Lighting - Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116		21,457	21,457	-
Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	kW	·	·	-
Customers 14,172 14,172 - kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116				
kWh 10,327,137 9,628,070 699,067 kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116				
kW 28,631 26,693 1,938 Total Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116			·	-
Total 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116				
Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	kW	28,631	26,693	1,938
Customers/Connections 69,680 69,680 - kWh 1,821,604,024 1,794,304,908 27,299,116	Total			
kWh 1,821,604,024 1,794,304,908 27,299,116		69 680	69 680	<u>-</u>
			•	27,299,116

	2016 (kWh)-		2016 CDM
2016 CDM Manual Adjustment	Full Year	Factor	Adjustment
		Percentage of	
		CDM programs	
Class		Participation	
Residential	4,365,766	13.22%	3,610,103
GS< 50 kW	1,133,691	3.43%	937,462
GS 50 to 999 kW	3,401,072	10.30%	2,812,387
GS 1000 to 4999 kW	728,801	2.21%	602,654
Large Use	22,538,608	68.27%	18,637,441
Unmetered Scattered Load	0	0.00%	-
Sentinel Lighting	0	0.00%	-
Street Ligting	845,395	2.56%	699,067
Total	33,013,333	100.00%	27,299,116

2016 LRAMVA Threshold	kWh	kW
Residential	4,365,766	
GS< 50 kW	1,133,691	
GS 50 to 999 kW	3,401,072	8,871
GS 1000 to 4999 kW	728,801	1,546
Large Use	22,538,608	40,432
Unmetered Scattered Load	0	
Sentinel Lighting	0	0
Street Ligting	845,395	2,344
Total	33,013,333	53,193

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix F – OEB Appendix 2-EB

File Number:	EB-2015-0073
Exhibit:	
Tab:	
Schedule:	
Page:	
Date:	

Appendix 2-EB Account 1576 - Accounting Changes under MIFRS 2014 Changes in Accounting Policies under MIFRS

	2012					2016
	Rebasing					Rebasing
	Year	2012	2013	2014	2015	Year
eporting Basis	MIFRS	IRM	IRM	IRM	IRM	MIFRS
	Forecast	Actual	Actual	Actual	Forecast	Forecast
			\$	\$	\$	\$
P&E Values uusing original Useful Lives (UL)						
Opening net PP&E - Note 1				120,582,538	125,377,376	
Net Additions - Note 2				10,895,415	12,278,431	
Net Depreciation (amounts should be negative) - Note 2				-6,100,577	-6,374,912	
Closing net PP&E (1)			0	125,377,376	131,280,895	
P&E Values using 2014 updated Useful Lives (UL)						
Opening net PP&E - Note 1				120,582,538	125,740,622	
Net Additions - Note 2				10,895,415	12,278,431	
				-5,737,331	-5,981,825	
Net Depreciation (amounts should be negative) - Note 2						
Net Depreciation (amounts should be negative) - Note 2 Closing net PP&E (2)			0	125,740,622	132,037,228	

Effect on Deferral and Variance Account Rate Riders

Closing balance in Account 1576	-	756,333	WACC	6.49%
Return on Rate Base Associated with Account 1576				
balance at WACC	-	49,119	# of years of rate rider	
Amount included in Deferral and Variance Account Rate Rider Calculation	-	805,452	disposition period	1

Notes

- 1 Useful lives were reviewed and updated effective fiscal 2014, therefore Opening PP&E January 1, 2014 would be the same at this date
- 2 Net additions are additions net of disposals. Net depreciation is additions to depreciation net of disposals

Instructions:

- 1 For an applicant that made the capitalization and depreciation expense accounting policy changes on January 1, 2012, the PP&E values as of January 1, 2012 under both former CGAAP and revised CGAAP should be the same.
- 2 Return on rate base associated with Account 1576 balance is calculated as:
 - the variance account opening balance as of 2015 rebasing year x WACC X # of years of rate rider disposition period
 - * Please note that the calculation should be adjusted once WACC is updated and finalized in the rate application.
- 3 Account 1576 is cleared by including the total balance in the deferral and variance account rate rider calculation.
- 4 Net additions are additions net of disposals; Net depreciation is additions to depreciation net of disposals.

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix G – OPEB Draft Accounting Order

Draft Accounting Order – OPEB Forecast Cash versus Forecast Accrual Differential Deferral Account

Guelph Hydro shall establish the following deferral account effective January 1, 2016.

 Account 1508 Other Regulatory Assets, Subaccount – OPEB Forecast Cash versus Forecast Accrual Differential Deferral Account

Guelph Hydro shall establish the OPEB Forecast Cash versus Forecast Accrual Differential Deferral Account for the purpose of recording the difference in revenue requirement each year between both the capitalized and OM&A components of OPEBs accounted for using a forecasted cash basis (as to be reflected in rates if this settlement is accepted by the Board) and the capitalized and OM&A components of OPEBs accounted for using a forecasted accrual basis.

If the Board determines that LDCs must only include in rates OPEBs accounted for using a forecasted cash basis, Guelph Hydro will seek to discontinue this account without seeking disposition of the amounts recorded in this account. If the Board determines that LDCs may recover OPEBs in rates using a forecasted accrual accounting methodology, Guelph Hydro will seek disposition of this account to recover the amounts so recorded in its next cost of service rate application.

Guelph Hydro will propose a disposition period over which the account should be recovered depending on the quantum in the account and the potential rate impacts at the time.

Carrying charges will not apply to this account.

Sample Journal Entry

Assumptions:

OPEB costs (accrual basis) = \$ 600,000

OPEB costs (cash basis) = \$ 200,000

OBEB costs split between operating and capital on a 70/30 ratio.

Assume capital items depreciated over 40 years and half year rule applies in year of acquisition.

Assume OPEB costs incurred evenly throughout the fiscal period.

Carrying charges do not apply to this deferral account.

The sample accounting entries for the Deferral Account is provided below:

A: To record the excess of OPEBs accounted for using a forecasted accrual basis over OPEBs accounted for using a forecasted cash basis.

DR 1508 Other Regulatory Assets, Subaccount –

OPEB Forecast Cash versus Forecast

Accrual Differential Deferral

Account \$ 400,000

CR Capital costs (various accounts) \$ 120,000

CR OM&A expenses (various accounts) \$ 280,000

B: To reverse depreciation recorded on capital portion of OPEB costs:

DR	Accumulated Depreciation	\$ 1,500
CR	Depreciation	\$ 1,500

Guelph Hydro	Electric Systems Inc.
	EB-2015-0073
	Settlement Proposal

Appendix H – Wireless Attachment Draft Accounting Order

Draft Accounting Order – Wireless Attachment Deferral Accounts

Pursuant to the Settlement Agreement approved by the Ontario Energy Board in EB-2015-0073, Guelph Hydro shall establish the following Deferral Accounts to record the costs and revenues associated with Wireless Pole Attachments.

- Account 1508, Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment costs
- Account 1508, Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment revenues
- Account 1508, Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment cost carrying charges
- Account 1508, Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment revenue carrying charges

In assessing the costs of attaching the wireless equipment, Guelph Hydro will rely on the methodology as detailed in THESL's response to CCC IR 16 in THESL proceeding EB-2013-0234 (Tab J, Schedule 2-16, attached as Appendix A to the Accounting Order), which was developed in accordance with the methodology approved in the Board's CCTA decision (RO-2003-0249). This methodology estimates direct costs (admin and loss in productivity) and indirect costs (capital costs of the poles with attachments).

Since the indirect costs related to poles are included and inseparable from Guelph Hydro's regulated revenue requirement (and recovered through distribution rates), they will not be recorded in the deferral account as treating them as such would effectively double-count the costs. The direct costs, to the extent that they are incremental to any OM&A costs included in Guelph Hydro's regulated revenue requirement, will be recorded in the deferral account. Additionally, the one-time costs (such as the make-ready costs) will be recorded as they occur.

Revenues to be recorded in the Deferral Account are the actual revenues received through the negotiated contracts with wireless carriers, as well as the one-time revenues collected directly to cover the one-time costs.

Carrying charges will be determined by applying the Board-approved rate to the opening monthly balances recorded in the subaccounts (exclusive of accumulated interest).

The net of the costs and revenues inclusive of carrying charges, as recorded in the subaccounts, shall be brought forward for disposition in Guelph Hydro's next Cost of Service rates application. As part of the evidence to support the disposition of the net amounts recorded in the approved Deferral Accounts, Guelph Hydro shall include information showing the full actual costs to demonstrate that revenues received were equal to or in excess of the costs of wireless attachments.

The sample accounting entries for the Deferral Accounts are provided below:

A: To record the incremental costs associated with wireless attachments:

DR	1508	Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment costs
CR	5005	Operation Supervision and Engineering

B: To record the incremental revenues associated with the wireless attachments:

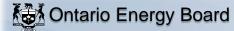
CR	1508	Other Regulatory Assets, Subaccount Guelph Hydro
		wireless attachment revenues
DR	4210	Rent from Electric Property

C: To record the monthly carrying charges in subaccounts wireless attachments costs and revenues:

DR	1508	Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment cost carrying charges
CR	1508	Other Regulatory Assets, Subaccount Guelph Hydro wireless attachment revenue carrying charges
DR	6035	Other Interest Expense
CR	4405	Interest and Dividend Income

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix I – Revenue Requirement Work Form



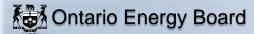


Version 5.00

Utility Name	Guelph Hydro Electric Systems Inc.	
Service Territory		
Assigned EB Number	EB-2015-0073	
Name and Title	Cristina Birceanu, Director of Regulatory Affairs	
Phone Number	519-837-4735	
Email Address	cbirceanu@guelphhydro.com	

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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.



1. Info 6. Taxes_PILs

2. Table of Contents 7. Cost_of_Capital

3. Data_Input_Sheet 8. Rev_Def_Suff

4. Rate_Base 9. Rev_Reqt

5. Utility Income 10. Tracking Sheet

Notes:

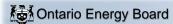
(1) Pale green cells represent inputs

(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

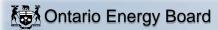


Data Input (1)

		Initial Application	(2)	Adjustments	_	Application Update	(6)	Adjustments	Per Board Decision
1	Rate Base								
	Gross Fixed Assets (average)	\$169,552,260		(\$245,025)	\$	169,307,235			\$169,307,235
	Accumulated Depreciation (average) Allowance for Working Capital:	(\$35,695,380)	(5)	\$17,754		(\$35,677,626)			(\$35,677,626)
	Controllable Expenses	\$16,189,495		(\$829,908)	\$				\$15,359,587
	Cost of Power	\$207,681,446	(0)	###########	\$	221,468,688	(0)		\$221,468,688
	Working Capital Rate (%)	13.00%	(9)			7.50%	(9)		7.50% (9)
2	Utility Income Operating Revenues:								
	Distribution Revenue at Current Rates	\$28,027,320		\$133,469		\$28,160,789		\$0	\$28,160,789
	Distribution Revenue at Proposed Rates Other Revenue:	\$32,112,227		(\$2,583,903)		\$29,528,324		\$0	\$29,528,324
	Specific Service Charges	\$426,370		\$0		\$426,370		\$0	\$426,370
	Late Payment Charges Other Distribution Revenue	\$120,000		\$0		\$120,000		\$0 \$0	\$120,000
	Other Income and Deductions	\$610,833 \$1,049,998		\$100,000 \$0		\$710,833 \$1,049,998		\$0 \$0	\$710,833 \$1,049,998
	Cities moonie and Boddollons	\$1,045,550		φυ		\$1,049,990		ΦΟ	\$1,045,550
	Total Revenue Offsets	\$2,207,201	(7)	\$100,000		\$2,307,201		\$0	\$2,307,201
	Operating Expenses:								
	OM+A Expenses	\$16,404,861		(\$1,174,000)	\$				\$15,230,861
	Depreciation/Amortization	\$5,751,746		(\$6,562)	\$				\$5,745,184
	Property taxes Other expenses	\$335,074		\$ -	\$	335,074			\$335,074
3	Taxes/PILs								
	Taxable Income:								
	Adjustments required to arrive at taxable income	(\$2,652,036)	(3)			(\$2,893,294)			(\$2,893,294)
	Utility Income Taxes and Rates:								
	Income taxes (not grossed up) Income taxes (grossed up)	\$671,671 \$901,253				\$509,044			\$509,044
	Federal tax (%)	15.00%				\$692,577 15.00%			\$692,577 15.00%
	Provincial tax (%)	10.47%				11.50%			11.50%
	Income Tax Credits	(\$197,000)				(\$199,000)			(\$199,000)
4	Capitalization/Cost of Capital								
	Capital Structure:	E0 00/				50.00/			50.00/
	Long-term debt Capitalization Ratio (%) Short-term debt Capitalization Ratio (%)	56.0% 4.0%	(0)			56.0% 4.0%	(8)		56.0% 4.0% (8)
	Common Equity Capitalization Ratio (%)	40.0%	(0)			40.0%	(0)		40.0%
	Prefered Shares Capitalization Ratio (%)	40.078				40.070			40.070
		100.0%				100.0%			100.0%
	Cost of Capital								
	Long-term debt Cost Rate (%)	5.18%				4.91%			4.91%
	Short-term debt Cost Rate (%)	2.16%				1.65%			1.65%
	Common Equity Cost Rate (%)	9.30%				9.19%			9.19%
	Prefered Shares Cost Rate (%)								

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.

- All inputs are in dollars (\$) except where inputs are individually identified as percentages (%) (1)
- 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 colimn M and Adjustments in column I
- (3) (4) Net of addbacks and deductions to arrive at taxable income.
- Average of Gross Fixed Assets at beginning and end of the Test Year
- Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- 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.
- Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- 4.0% unless an Applicant has proposed or been approved for another amount.
- Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Rate Base and Working Capital

Rate Base

	. tate Dace						
Line No.	Particulars	_	Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$169,552,260	(\$245,025)	\$169,307,235	\$ -	\$169,307,235
2	Accumulated Depreciation (average)	(3)	(\$35,695,380)	\$17,754	(\$35,677,626)	\$ -	(\$35,677,626)
3	Net Fixed Assets (average)	(3)	\$133,856,880	(\$227,271)	\$133,629,609	\$ -	\$133,629,609
4	Allowance for Working Capital	(1)	\$29,103,222	(\$11,341,102)	\$17,762,121	\$-	\$17,762,121
5	Total Rate Base	=	\$162,960,102	(\$11,568,372)	\$151,391,730	\$ -	\$151,391,730

(1) Allowance for Working Capital - Derivation

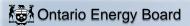
Controllable Expenses		\$16,189,495	(\$829,908)	\$15,359,587	\$ -	\$15,359,587
Cost of Power		\$207,681,446	\$13,787,243	\$221,468,688	\$ -	\$221,468,688
Working Capital Base		\$223,870,940	\$12,957,335	\$236,828,275	\$ -	\$236,828,275
Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
Working Capital Allowance		\$29,103,222	(\$11,341,102)	\$17,762,121		\$17,762,121

Notes

10

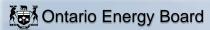
7

Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%. Average of opening and closing balances for the year.



Utility Income

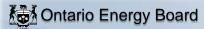
Line No.	Particulars	Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at	\$32,112,227	(\$2,583,903)	\$29,528,324	\$ -	\$29,528,324
2	Proposed Rates) Other Revenue	1) \$2,207,201	\$100,000	\$2,307,201	\$-	\$2,307,201
3	Total Operating Revenues	\$34,319,428	(\$2,483,903)	\$31,835,525	<u> </u>	\$31,835,525
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$16,404,861 \$5,751,746 \$335,074 \$- \$-	(\$1,174,000) (\$6,562) \$ - \$ - \$ -	\$15,230,861 \$5,745,184 \$335,074 \$-	\$ - \$ - \$ - \$ - \$ -	\$15,230,861 \$5,745,184 \$335,074 \$-
9	Subtotal (lines 4 to 8)	\$22,491,681	(\$1,180,562)	\$21,311,118	<u> </u>	\$21,311,118
10	Deemed Interest Expense	\$4,864,378	(\$597,709)	\$4,266,669	\$ -	\$4,266,669
11	Total Expenses (lines 9 to 10)	\$27,356,059	(\$1,778,272)	\$25,577,788	\$ -	\$25,577,788
12	Utility income before income taxes	\$6,963,369	(\$705,631)	\$6,257,737	\$ -	\$6,257,737
13	Income taxes (grossed-up)	\$901,253	(\$208,676)	\$692,577	\$ -	\$692,577
14	Utility net income	\$6,062,116	(\$496,956)	\$5,565,160	\$-	\$5,565,160
Notes	Other Revenues / Revenues	ue Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions Total Revenue Offsets	\$426,370 \$120,000 \$610,833 \$1,049,998 \$2,207,201	\$ - \$ - \$100,000 \$ - \$100,000	\$426,370 \$120,000 \$710,833 \$1,049,998	\$ - \$ - \$ - \$ -	\$426,370 \$120,000 \$710,833 \$1,049,998



Taxes/PILs

Line No.	Particulars	Application	Application Update	Per Board Decision
	<u>Determination of Taxable Income</u>			
1	Utility net income before taxes	\$6,062,116	\$5,565,160	\$5,565,160
2	Adjustments required to arrive at taxable utility income	(\$2,652,036)	(\$2,893,294)	(\$2,893,294)
3	Taxable income	\$3,410,080	\$2,671,866	\$2,671,866
	Calculation of Utility income Taxes			
4	Income taxes	\$671,671	\$509,044	\$509,044
6	Total taxes	\$671,671	\$509,044	\$509,044
7	Gross-up of Income Taxes	\$229,582	\$183,533	\$183,533
8	Grossed-up Income Taxes	\$901,253	\$692,577	\$692,577
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$901,253	\$692,577	\$692,577
10	Other tax Credits	(\$197,000)	(\$199,000)	(\$199,000)
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	15.00% 10.47% 25.47%	15.00% 11.50% 26.50%	15.00% 11.50% 26.50%

Notes



Capitalization/Cost of Capital

Line No.	Dortiouloro	Capita	lization Ratio	Cost Rate	Return
		Initia	l Application		
	Debt	(%)	(\$)	(%)	(\$)
1	Long-term Debt	56.00%	\$91,257,657	5.18%	\$4,723,581
2		4.00%	\$6,518,404	2.16%	\$140,798
3	Total Debt	60.00%	\$97,776,061	4.98%	\$4,864,378
	Equity Common Equity	40.000/	COT 404 044	0.000/	© 0.000.440
4 5	Preferred Shares	40.00% 0.00%	\$65,184,041 \$ -	9.30% 0.00%	\$6,062,116 \$ -
6	Total Equity	40.00%	\$65,184,041	9.30%	\$6,062,116
7	Total	100.00%	\$162,960,102	6.71%	\$10,926,494
		Applic	eation Update		
	Debt	(%)	(\$)	(%)	(\$)
1	Long-term Debt	56.00%	\$84,779,369	4.91%	\$4,166,751
2	Short-term Debt	4.00%	\$6,055,669	1.65%	\$99,919
3	Total Debt	60.00%	\$90,835,038	4.70%	\$4,266,669
	Equity				
4		40.00%	\$60,556,692	9.19%	\$5,565,160
5 6	Preferred Shares Total Equity	0.00% 40.00%	\$ - \$60,556,692	9.19%	\$ - \$5,565,160
7	Total	100.00%	\$151,391,730	6.49%	\$9,831,829
		Per Bo	pard Decision		
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$84,779,369	4.91%	\$4,166,751
9 10	Short-term Debt Total Debt	4.00%	\$6,055,669 \$90,835,038	1.65% 4.70%	\$99,919 \$4,266,669
10	Total Debt	60.00%	\$90,033,036	4.70%	\$4,260,069
44	Equity	40.000/	\$00.550.000	0.400/	#5 505 400
11 12	Common Equity Preferred Shares	40.00% 0.00%	\$60,556,692 \$ -	9.19% 0.00%	\$5,565,160 \$ -
13	Total Equity	40.00%	\$60,556,692	9.19%	\$5,565,160
14	Total	100.00%	\$151,391,730	6.49%	\$9,831,829
					
Notes (1)	Data in column E is for		ally filed. For updated revences, etc., use colimn M and		

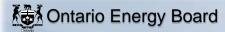


Revenue Deficiency/Sufficiency

		Initial Appli	cation	Application	Update	Per Board	Decision
Line No.	Particulars	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		\$4,084,908		\$1,367,535		\$1,367,535
2	Distribution Revenue	\$28,027,320	\$28,027,320	\$28.160.789	\$28,160,789	\$28.160.789	\$28,160,789
3	Other Operating Revenue Offsets - net	\$2,207,201	\$2,207,201	\$2,307,201	\$2,307,201	\$2,307,201	\$2,307,201
4	Total Revenue	\$30,234,520	\$34,319,428	\$30,467,990	\$31,835,525	\$30,467,990	\$31,835,525
5 6	Operating Expenses Deemed Interest Expense	\$22,491,681 \$4,864,378	\$22,491,681 \$4,864,378	\$21,311,118 \$4,266,669	\$21,311,118 \$4,266,669	\$21,311,118 \$4,266,669	\$21,311,118 \$4,266,669
8	Total Cost and Expenses	\$27,356,059	\$27,356,059	\$25,577,788	\$25,577,788	\$25,577,788	\$25,577,788
9	Utility Income Before Income Taxes	\$2,878,461	\$6,963,369	\$4,890,202	\$6,257,737	\$4,890,202	\$6,257,737
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$2,652,036)	(\$2,652,036)	(\$2,893,294)	(\$2,893,294)	(\$2,893,294)	(\$2,893,294)
11	Taxable Income	\$226,426	\$4,311,333	\$1,996,908	\$3,364,443	\$1,996,908	\$3,364,443
12 13	Income Tax Rate Income Tax on Taxable Income	25.47% \$57,679	25.47% \$1,098,253	26.50% \$529,181	26.50% \$891,577	26.50% \$529,181	26.50% \$891,577
14	Income Tax Credits	(\$197,000)	(\$197,000)	(\$199,000)	(\$199,000)	(\$199,000)	(\$199,000)
15	Utility Net Income	\$3,017,783	\$6,062,116	\$4,560,022	\$5,565,160	\$4,560,022	\$5,565,160
16	Utility Rate Base	\$162,960,102	\$162,960,102	\$151,391,730	\$151,391,730	\$151,391,730	\$151,391,730
17	Deemed Equity Portion of Rate Base	\$65,184,041	\$65,184,041	\$60,556,692	\$60,556,692	\$60,556,692	\$60,556,692
18	Income/(Equity Portion of Rate Base)	4.63%	9.30%	7.53%	9.19%	7.53%	9.19%
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.19%	9.19%	9.19%	9.19%
20	Deficiency/Sufficiency in Return on Equity	-4.67%	0.00%	-1.66%	0.00%	-1.66%	0.00%
21	Indicated Rate of Return	4.84%	6.71%	5.83%	6.49%	5.83%	6.49%
22	Requested Rate of Return on Rate Base	6.71%	6.71%	6.49%	6.49%	6.49%	6.49%
23	Deficiency/Sufficiency in Rate of Return	-1.87%	0.00%	-0.66%	0.00%	-0.66%	0.00%
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$6,062,116 \$3,044,333 \$4,084,908 (1)	\$6,062,116 \$ -	\$5,565,160 \$1,005,138 \$1,367,535 (1)	\$5,565,160 \$ -	\$5,565,160 \$1,005,138 \$1,367,535 (1)	\$5,565,160 \$ -

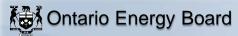
Notes: (1)

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



Revenue Requirement

Line No.	Particulars	Application		Application Update		Per Board Decision	
1	OM&A Expenses	\$16,404,861		\$15,230,861		\$15,230,861	
2	Amortization/Depreciation	\$5,751,746		\$5,745,184		\$5,745,184	
3	Property Taxes	\$335,074		\$335,074		\$335,074	
5	Income Taxes (Grossed up)	\$901,253		\$692,577		\$692,577	
6	Other Expenses	\$ -					
7	Return						
	Deemed Interest Expense	\$4,864,378		\$4,266,669		\$4,266,669	
	Return on Deemed Equity	\$6,062,116		\$5,565,160		\$5,565,160	
8	Service Revenue Requirement						
	(before Revenues)	\$34,319,428		\$31,835,525		\$31,835,525	
9	Revenue Offsets	\$2,207,201		\$2,307,201		\$2,307,201	
10	Base Revenue Requirement	\$32,112,227		\$29,528,324		\$29,528,324	
	(excluding Tranformer Owership Allowance credit adjustment)						
11	Distribution revenue	\$32,112,227		\$29,528,324		\$29,528,324	
12	Other revenue	\$2,207,201		\$2,307,201		\$2,307,201	
13	Total revenue	\$34,319,428		\$31,835,525		\$31,835,525	
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	\$ -	(1)	\$ -	(1)	<u> </u>	(1)
Notes (1)	Line 11 - Line 8						



Tracking Form

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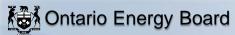
60 Tracking Rows have been provided below. If you require more, please contact Industry Relations @ IndustryRelations @ontarioenergyboard.ca.

Summary of Proposed Changes

		Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Ор	erating Expense	es		Revenue F	Requirement	
Reference ⁽¹⁾	Item / Description ⁽²⁾	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	\$ 10,926,494	6.71%	\$ 162,960,102	\$ 223,870,940	\$ 29,103,222	\$ 5,751,746	\$ 901,253	\$ 16,404,861	\$ 34,319,428	\$ 2,207,201	\$ 32,112,227	\$ 4,084,908
1 IR: 2-Energy Probe-16	WCA change from 13% to 7.5% - Lead-Lag Study Change	\$ 10,926,494 \$ -	6.71% 0.00%	+,- , -	\$ 223,870,940 \$ -	\$ 16,790,321 -\$ 12,312,902		\$ 736,809 -\$ 164,444	\$ 16,404,861 \$ -	\$ 33,329,403 -\$ 990,025	\$ 2,207,201 \$ -	\$ 31,122,202 -\$ 990,025	\$ 3,094,882 -\$ 990,025
	RPP and HOEP update to reflect the RPP Report dated April 20,2015, the HO Sub-transmission and Low Voltage rates (EB-2013-0416)	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 739,753	\$ 16,404,861	\$ 33,347,132	\$ 2,207,201	\$ 31,139,932	\$ 3,112,612
	Change	-\$ 810,795	0.00%	\$ 220,528	\$ 2,940,379	\$ 220,528	\$ -	\$ 2,943	\$ -	\$ 17,730	\$ -	\$ 17,730	\$ 17,730
3 IR: 4-Energy Probe-52-a)	CCA 2015 opening balance updated to reflect 2014 year actual	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 726,204	\$ 16,404,861	\$ 33,333,583	\$ 2,207,201	\$ 31,126,383	\$ 3,099,063
	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	-\$ 13,549	\$ -	-\$ 13,549	\$ -	-\$ 13,549	-\$ 13,549
4 IR: 4-Energy Probe-50-a	Correction of 2015 CCA additions	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 633,726	\$ 16,404,861	\$ 33,241,106	\$ 2,207,201	\$ 31,033,905	\$ 3,006,586
and b), 4-Energy Probe-49,	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	-\$ 92,477	\$ -	-\$ 92,477	\$ -	-\$ 92,477	-\$ 92,477
5 IR: 2-Energy Probe-10-	Correction of 2015 CCA class from class 45 to class 50	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 621,542	\$ 16,404,861	\$ 33,228,922	\$ 2,207,201	\$ 31,021,721	\$ 2,994,401
a),b),c) and 4-Energy Probe-	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	-\$ 12,184	\$ -	-\$ 12,184	\$ -	-\$ 12,184	-\$ 12,184
6 IR: 4-Energy Probe-50-d)	Correction of 2015 CCA class from class 50 to class 47	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 646,696	\$ 16,404,861	\$ 33,254,076	\$ 2,207,201	\$ 31,046,875	\$ 3,019,555
	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ 25,154	\$ -	\$ 25,154	\$ -	\$ 25,154	\$ 25,154
7 IR: 4-Energy Probe-47	Removal of Small Business tax credit	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746		\$ 16,404,861		\$ 2,207,201		
	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ 59,021	\$ -	\$ 59,021	\$ -	\$ 59,021	\$ 59,021
8 IR: 4-Energy Probe-48-b)	Revised Apprentice Tax calculation	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746			+,,	. , ,	\$ 31,149,434	' '
and c)	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ 43,537	\$ -	\$ 43,537	\$ -	\$ 43,537	\$ 43,537
9 IR: 4-Energy Probe-51-a)	Correction of 2016 CCA class from class 45 to class 50	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 740,295	\$ 16,404,861	\$ 33,347,675	\$ 2,207,201	\$ 31,140,474	\$ 3,113,154
,	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	-\$ 8,960	\$ -	-\$ 8,960	\$ -	-\$ 8,960	-\$ 8,960
10 IR: 4-Energy Probe-51-b)	Correction of 2016 CCA class from class 50 to class 47	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 759,359	\$ 16,404,861	\$ 33,366,739	\$ 2,207,201	\$ 31,159,538	\$ 3,132,218
,	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ 19,064	\$ -	\$ 19,064	\$ -	\$ 19,064	\$ 19,064

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

⁽²⁾ Short description of change, issue, etc.



Tracking Form

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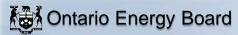
60 Tracking Rows have been provided below. If you require more, please contact Industry Relations @ IndustryRelations @ontarioenergyboard.ca.

Summary of Proposed Changes

		Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Ор	erating Expens	es	Revenue Requirement			
Reference ⁽¹⁾	Item / Description ⁽²⁾	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	
11 IR: 1-Energy Probe-3-e)	Control Room Shared Services Revenue of \$100,000 booked in 4215 - Other utility Operating Income for 2016 Test Year Change	\$ 10,115,699 \$ -	6.71% 0.00%	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 226,811,319 \$ -	, , , , , ,	\$ 5,751,746 \$ -		\$ 16,404,861 \$ -	\$ 33,366,739 \$ -	\$ 2,307,201 \$ 100,000	\$ 31,059,538 -\$ 100,000	
12 JT1.12	Correction of Global Adjustment to reflect the RPP Report dated April 20,2015, the HO Sub-transmission and Low Voltage rates (EB-2013-0416)	\$ 10,161,704		, ,	\$ 235,959,576		, , ,	, ,	, ,	\$ 33,421,945	, , ,		, , ,
	Change	\$ 46,004	0.00%	\$ 686,119	, , , ,	,		\$ 9,202		\$ 55,207	·	\$ 55,207	
13 JT1.11	Correction of the allocated depreciation in OM&A Change	\$ 10,163,434 \$ 1,730	6.71% 0.00%	\$ 151,579,655 \$ 25,807	\$ 236,303,668 \$ 344,092			\$ 768,907 \$ 346	\$ 16,404,861 \$ -	\$ 33,424,022 \$ 2,076		\$ 31,116,821 \$ 2,076	
14 2-SEC-19	Removal of Zigbee chip cost of (gross asset \$35,525 and depreciation \$9,473) recovered from the OPA	\$ 10,161,687	6.71%		\$ 236,303,668	\$ 17,722,775	\$ 5,751,746	,		\$ 33,421,926	, ,	, , ,	
	Change	-\$ 1,747	0.00%	-\$ 26,052	\$ -	\$ -	\$ -	-\$ 349	\$ -	-\$ 2,096	\$ -	-\$ 2,096	-\$ 2,096
15 Settlement	Load Forecast changed by +14 GWh; Transformer Allowance changed to \$64,558 (8-Staff-58-b-iii)	\$ 10,170,229	6.71%	\$ 151,680,999	\$ 238,002,275			, , ,		\$ 33,432,176	\$ 2,307,201	\$ 31,124,975	
	Change	\$ 8,542	0.00%	\$ 127,396	\$ 1,698,607	\$ 127,396	\$ -	\$ 1,709	\$ -	\$ 10,251	\$ -	\$ 10,251	-\$ 123,219
16 Settlement	\$500K gross asset (acc. 1808) and corresponding depreciation of \$5K for the new expansion of the building moved from 2015 FA Continuity Schedule to 2016 FA Cont. Schedule	\$ 10,153,969	6.71%	\$ 151,438,499	\$ 238,002,275	\$ 17,850,171	\$ 5,746,746	\$ 765,211	\$ 16,404,861	\$ 33,405,861	\$ 2,307,201	\$ 31,098,661	\$ 2,937,872
	Change	-\$ 16,260	0.00%	-\$ 242,500	\$ -	\$ -	-\$ 5,000	-\$ 5,055	\$ -	-\$ 26,315	\$ -	-\$ 26,315	-\$ 26,315
17 Settlement	Adjustment of \$2,368.32 to 1860 depreciation for Zigbee Chip recovery	\$ 10,154,049	6.71%	\$ 151,439,683	\$ 238,002,275	\$ 17,850,171	\$ 5,744,378	\$ 764,373	\$ 16,404,861	\$ 33,402,734	\$ 2,307,201	\$ 31,095,534	\$ 2,934,745
	Change	\$ 79	0.00%	\$ 1,184	\$ -	\$ -	-\$ 2,368	-\$ 838	\$ -	-\$ 3,127	\$ -	-\$ 3,127	-\$ 3,127
18 Settlement	Adjustment to apprentices tax credits following the settlement Change	\$ 10,154,049 \$ -	6.71% 0.00%	\$ 151,439,683 \$ -	\$ 238,002,275 \$ -	\$ 17,850,171 \$ -	\$ 5,744,378 \$ -	\$ 718,115 -\$ 46,259	\$ 16,404,861 \$ -	\$ 33,356,476 -\$ 46,259		\$ 31,049,275 -\$ 46,259	

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

⁽²⁾ Short description of change, issue, etc.



Tracking Form

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

60 Tracking Rows have been provided below. If you require more, please contact Industry Relations @ IndustryRelations @ontarioenergyboard.ca.

Summary of Proposed Changes

		Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Ор	erating Expense	es		Revenue R	equirement	
Reference ⁽¹⁾	Item / Description ⁽²⁾	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		
19 Settlement	OPEB adjustment dissalowed portion of \$443K Change	\$ 10,151,821 -\$ 2,228	6.71% 0.00%	\$ 151,406,458 -\$ 33,225	\$ 237,559,275 -\$ 443,000			\$ 717,669 -\$ 446	+,	\$ 32,910,803 -\$ 445,673	\$ 2,307,201 \$ -	\$ 30,603,602 -\$ 445,673	\$ 2,442,813 -\$ 445,673
20 Settlement	OPEB adjustment reallocation to capital of \$81K Change	\$ 10,154,102 \$ 2,281	6.71% 0.00%			\$ 17,810,871 -\$ 6,075			\$ 15,880,861 -\$ 81,000		\$ 2,307,201 \$ -	\$ 30,525,268 -\$ 78,334	\$ 2,364,479 -\$ 78,334
21 Settlement	OM&A adjustment Change	\$ 10,150,834 -\$ 3,269	6.71% 0.00%		\$ 236,828,275 -\$ 650,000				\$ 15,230,861 -\$ 650,000	\$ 32,178,546 -\$ 653,923	\$ 2,307,201 \$ -	\$ 29,871,345 -\$ 653,923	\$ 1,710,556 -\$ 653,923
22 Settlement	Change in Long Term Debt Rate from 5.18% to 5.13% to reflect the LTD date changed from June 1, 2016 to January 1, 2016	\$ 10,114,410	6.68%	\$ 151,391,730	\$ 236,828,275	\$ 17,762,121	\$ 5,745,184	\$ 716,594	\$ 15,230,861	\$ 32,142,123	\$ 2,307,201	\$ 29,834,922	\$ 1,674,133
	Change	-\$ 36,423	-0.02%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 36,423	\$ -	-\$ 36,423	-\$ 36,423
23 Settlement	Changed the Long Term Debt to 4.50% to reflect the Settlement	\$ 10,020,819			\$ 236,828,275	\$ 17,762,121	\$ 5,745,184	\$ 716,594	\$ 15,230,861			\$ 29,741,331	
	Change	-\$ 93,591	-0.06%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 93,591	\$ -	-\$ 93,591	-\$ 93,591
24 Updated Settlement	Changed the Long Term Debt to 4.1546% to reflect the Settlement; changed the ROE to 9.19% and the Deemed ST Debt rate to 1.65% to reflect the OBE's Cost of Capital Parameters	\$ 9,831,829	6.49%	\$ 151,391,730	\$ 236,828,275	\$ 17,762,121	\$ 5,745,184	\$ 692,577	\$ 15,230,861	\$ 31,835,525	\$ 2,307,201	\$ 29,528,324	\$ 1,367,535
	Change	-\$ 188,990	-0.12%	\$ -	\$ -	\$ -	\$ -	-\$ 24,017	\$ -	-\$ 213,007	\$ -	-\$ 213,007	-\$ 213,007
25	Change												
26													
	Change												
27	Change												
28	Change												

⁽²⁾ Short description of change, issue, etc.

Guelph Hydro Electric Systems Inc. EB-2015-0073 Settlement Proposal

Appendix J – LTD – September 2015

CANADIAN DOLLAR ACCOUNT STATEMENT

SEPT 30 2015

Page 1 of 2

01101

GUELPH HYDRO ELECTRIC
SYSTEMS INC.
A/C NEW ISSUE
395 SOUTHGATE DRIVE
GUELPH ON NIG 4Y1
CANADA

Your Account Number:



Date of Last Statement:

YOUR ADVISORY TEAM

Your Investment Advisor(s): INST BOND TOR 416-842-6300

INCOME SUMMARY

	THIS MONTH	YEAR-TO-DATE
Dividends	\$0.00	\$0.00
Interest	\$0.00	\$0.00
Total Income	\$0.00	\$0.00

FOR YOUR INFORMATION

For information regarding the Firm's policy on multiple marketplace trading within Canada, please see https://cmaweb.rbccm.com/cm/file/0,,93367,00.rtf

CASH BALANCE

ACCOUNT	OPENING BALANCE	CLOSING BALANCE
TYPE	AT SEPT 01	AT SEPT 30
Total	\$0.00	\$0.00

ACCOUNT ACTIVITY

PRICE DATE **ACTIVITY** DESCRIPTION QUANTITY \RATE DEBIT CREDIT Opening Balance (SEPT 01, 2015) \$0.00 SEPT 25 RECEIVED GUELPH HYDRO ELECTRIC E 30,000,000 29,850,000.00 SYSTEMS INC SER B SNR DEB DUE 09/25/2045 INT 4.121% 4.121 DUE 09/25/45

0002031 -3510R

- CONTINUED ON NEXT PAGE -





CANADIAN DOLLAR ACCOUNT STATEMENT

30,000,000-

SEPT 30 2015

Your Account Number:

2 of 2

29,850,000.00

ACCOUNT ACTIVITY

PRICE **ACTIVITY DESCRIPTION** QUANTITY \RATE DEBIT DATE CREDIT

SEPT 25 SOLD

GUELPH HYDRO ELECTRIC E SYSTEMS INC SER B SNR DEB DUE 09/25/2045 04.121% MS 25 THESE ARE SECURITIES OF A CONNECTED ISSUER OF THE FIRM.

IF, AS AND WHEN ISSUED, PROSPECTUS ENCLOSED.

Closing Balance (SEPT 30, 2015)

\$0.00

Head Office Address:

RBC Dominion Securities Inc. P.O. BOX 50 Royal Bank Plaza Toronto, Ontario

Canada M5J 2W7

If you have a service request or a question about your statement or a service charge, please phone your Investment Advisor at the phone number listed on the front of this statement. Unresolved

99.50

RBC DOMINION SECURITIES Internal Audit Department

P.O. BOX 50, Royal Bank Plaza

Toronto, Ontario M5J 2W7

GST/HST Registration # 889767471

Telephone: (416) 842-2000 Internet: www.rbccm.com QST Registration # 889767471

- We may make recommendations and facilitate trades in securities of related issuers and connected issuers of the firm in your account. For a list of such related issuers and connected issuers, refer to the following website: www.rbc.com/issuers-disclosures or contact your investment or trading
- Market price represents the currently available price. Some securities in your portfolio may not be priced because data was unavailable. Market prices
- shown are obtained from sources we believe are reliable but we do not guarantee their accuracy.

 In cases where securities in your portfolio display a Market Price of 'UNPRICED', the current market value is not determinable.

 Fully paid securities are segregated on the records of RBC Dominion Securities Inc. and cannot be used in the normal course of our business. Any free credit balance for non-registered accounts represents funds payable on demand which, although recorded in our books, are not segregated and may be used in the conduct of our business.

problems or complaints should be forwarded in writing to:

- A copy of our most recent financial statements, a list of directors and senior officers and information about commissions, fees and administrative proceedings that may relate to RBC Dominion Securities or to its employees are available to you upon written request directed to our Head Office address listed above.
- Customers accounts are protected by the Canadian Investor Protection Fund within specified limits. A brochure describing the nature and limits of the coverage is available upon request.
- Please contact your local branch or the Head Office address listed above for a copy of the brochure.
- Income derived from mutual funds will be included on a T5 or T3 that will be issued by each mutual fund management company. As such, this income is not reported in the "Income Summary" of your account statement.
- We act as principal on foreign currency conversions and fixed income transactions and apply discretionary currency conversion rates. The foreign currency conversion rate shown on the confirmation statement includes our spread-based revenues for performing this function. Spread means the difference between the rate we obtain and the rate you receive.
- Please note the following security description abbreviations may appear on your statement: NON VTG for non-voting shares; RES VTG for restricted voting shares; SUB VTG for subordinate voting shares; DSC for securities which may be subject to a deferred sales charge; LL, LL2, LL3 or LL4 for
- securities which may be subject to a low load deferred sales charge.

 RBC Dominion Securities Inc.* and Royal Bank of Canada are separate corporate entities which are affiliated. * Member-Canadian Investor Protection Fund

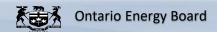
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- FOOTNOTES * Indicates fully paid for securities registered in your name and held by us on your behalf
 - # Indicates "Originating Value" provided by you. RBC Dominion Securities Inc. shall not be responsible for their accuracy
 - 1 Includes accrued interest
 - ⁴ This security may be subject to a deferred sales charge at the time that it is sold.
 - n- There is no active market for this security so its market value has been estimated.

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 5 Filed: August 11, 2017

Appendix 5 2018 Guelph LRAMVA Model

(Presented in PDF and Excel format)



LRAMVA Work Form: Checklist and 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		
Yes	o Highlight changes to this work form made by the LDC, if any,	and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in	its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing	ng the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings informati	ion that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it rel	ates to.
Not Applicable	o Provide documentation or data substantiating savings from p	rojects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocation	ons were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	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 included in Tab 7 (Columns L to BT).	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 included in Tab 7 (Columns L to BT).	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 included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA (\$) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			



LRAMVA Work Form: **Summary Tab**

Version 2.0 (2017)

Legend User Inputs (Green)

> Auto Populated Cells (White) Instructions (Grey)

LDC Name Guelph Hydro Electric Systems Inc.

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-2015-0073 and EB-2016-0075 Application of Previous LRAMVA Claim 2016COS and 2017IRM Applications Period of LRAMVA Claimed in Previous Application 2011-2013 & 2014-2015

1,362,216.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#) EB-2017-0044 Application of Current LRAMVA Claim 2018 IRM Application Period of New LRAMVA in this Application Actual Lost Revenues (\$) 863,356 Forecast Lost Revenues (\$) 239,236 Carrying Charges (\$) 3,147 LRAMVA (\$) for Account 1568 A-B+C 627,267

C. Documentation of Changes

Original Amount Amount for Final Disposition

Table 1-a. LRAMVA Totals by Rate Class

Amount of LRAMVA Claimed in Previous Application

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

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$114,836	\$1,842	\$116,678
GS<50 kW	kWh	\$74,126	\$1,189	\$75,315
General Service 50 to 999 kW	kW	\$66,862	\$1,073	\$67,935
General Service 1,000 to 4,999 kW	kW	\$84,052	\$1,348	\$85,401
Large Use	kW	\$307,759	\$4,937	\$312,696
Unmetered Scattered Load	kWh	\$0	\$0	\$0
Sentinel Lighting	kW	\$0	\$0	\$0
Street Lighting	kW	-\$23,516	-\$377	-\$23,893
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$624,121	\$10,012	\$634,132

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

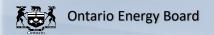
In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

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

Depending on the period of LRAMVA to be claimed, LDCs are expected to adjust the totals for carrying charges in row 82 of Table 1-b and the years included in the LRAMVA balance in row 83, as appropriate.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting							Total
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals	Ø	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals	Ø.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals	Ø	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals		\$177,703.18	\$89,657.67	\$90,788.27	\$88,681.49	\$416,525.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$863,356.21
2016 Forecast		(\$62,867.03)	(\$15,531.57)	(\$23,925.97)	(\$4,629.03)	(\$108,766.12)	\$0.00	\$0.00	(\$23,515.95)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$239,235.67)
Amount Cleared																
Carrying Charges - 2016		\$578.97	\$373.72	\$337.10	\$423.76	\$1,551.62	\$0.00	\$0.00	(\$118.56)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,146.61
Carrying Charges - 2017		\$1,263.20	\$815.39	\$735.49	\$924.58	\$3,385.35	\$0.00	\$0.00	(\$258.68)							\$6,865.33
Total LRAMVA Balance		\$116,678	\$75,315	\$67,935	\$85,401	\$312,696	\$0	\$0	-\$23,893	\$0	\$0	\$0	\$0	\$0	\$0	\$634,132

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)
Legena	Usel Iliputs	(Ciecii)

Drop Down List (Blue)

Instructions (Grey)

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

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; 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	IS82 T82 II82 V82	Calculated Jan. 1 to Dec. 31, 2017 interest and summed total amount requested for disposition inclusive of 2017 interest.	Incorporation of 2017 interest into total amount requested for disposition
2	LRAMVA Summary	B82	Modified cell description to specify Carrying Charges for 2016 year only.	Incorporation of 2017 interest into total amount requested for disposition
3	1. LRAMVA Summary	B83 to R83	Added row to reflect 2017 Carrying Charges, and linked amounts as calculated on 'Tab 6. Carrying Charges' for each relevant rate class.	Incorporation of 2017 interest into total amount requested for disposition
4	LRAMVA Summary	R84	Modified to capture Carrying Charges for 2017	Incorporation of 2017 interest into total amount requested for disposition
5	LRAMVA Summary	F27 to F41	Existing formula captured 2016 carrying charges; modified to capture 2017 as well.	Incorporation of 2017 interest into total amount requested for disposition
6	4. 2011-2014 LRAM	B50,B71, B84, B87, B178, B199, B212, B215, B307, B328, B341, B344, B436, B457, B470, B473	Ifunction to work	To allow Lookup function to work properly between sheets 4 and 7 (eg. modified "Retrofit" to reflect "Retrofit - Business" and "Retrofit - Industrial" and "Demand Response 3" to "Demand Response 3 - Business" and "Demand Response 3 - Industrial").
7	4. 2011-2014 LRAM	Z51 to AC51, AA103 to AC103, AA106 to AC106, AB119, Z179 to AC179, Z191 to AC191, Z200 to AC200, AA247 to AC247, Z308 to AC308, Z317 to AC317, Z320 to AC320, Z329 to AC329, AB339, AA345 to AC345	Iwith the rate class allocation pertaining to the verified result for the same program.	In some cases an adjustment relates to a different customer(s) or project(s) than the initial verified result, and therefore to a different rate class.
8	5. 2015-2020 LRAM	A277 to AM 278	Added new rows to reflect Home Depot Home Appliance Market Uplift Conservation	The program referenced did not appear on the model and it has been added in the 'Other' category.
9	6. Carrying Charges	C42, H114 to H116	Estimated interest for Q4 2017 based on the current perscribed rate of 1.1% per annum.	Incorporation of 2017 interest into total amount requested for disposition
10	6. Carrying Charges	I117 to W117	Modified formula to reflect 2017 interest charges only, and exclude the opening balance for 2017.	As noted in No. 2, 3 and 4 in this table, interest for 2016 and 2017 are presented in individual lines in the LRAMVA summary on Tab 1.
11	7. Persistence Data	H115 to I119	Selected 2011 from the drop down menu for five adjustment items which pertained to 2007-2010.	The drop down menu does not include any years prior to 2011.
etc.	_			

Table A-2. Updates to LRAMVA Disposition

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

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



LRAMVA Work Form: Forecast Lost Revenues

Version 2.0 (2017)

Legend

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

Table 2-a. LRAMVA Threshold

2016

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-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	33,013,333	4,365,766	1,133,691	3,401,072	728,801	22,538,608	0		845,395						
kW	53,193			8871	1546	40432		0	2344						
Summary		4365766	1133691	8871	1546	40432	0	0	2344	0	0	0	0	0	0

Basis of Threshold

0.5* 2014 + 2015 + 0.5 * 2016 (App. 21 file EB-2015-0073); Manual adjustment to load forecast = 27,299,116; Amount used for CDM threshold for LRAMVA (2016)=33,013,333

Source of Threshold 2016 Settlement Agreement (EB-2015-0073), p. 20 and Appendix E p. 44 to 47

Table 2-b. LRAMVA Threshold

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-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	n	0	0	0	0

Basis of Threshold

0.5* 201X + 20XX + 0.5 * 20XX (if available)

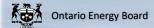
Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting						
		kWh	kWh	kW	kW	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	2016	4,365,766	1,133,691	8,871	1,546	40,432	0	0	2,344	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)

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

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

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-0073	EB-2016-XXXX	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)													
Period 2 (# months)		12	12	12	12	12	12	12	12	12	12	12	12
Residential	kWh							\$ 0.0144					
Adjusted rate		\$ -	\$ -	-		\$ -	\$ -			\$ -		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0144	\$ -	\$ -	\$ -	\$ -	
GS<50 kW	kWh						_	\$ 0.0137		_			
Adjusted rate		\$ -	\$ -		\$ -	\$ -	\$ -	\$ 0.0137		\$ -	-	\$ - \$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0137	\$ -	\$ -	\$ -	\$ -	
General Service 50 to 999 kW	kW							\$ 2.6971					
Adjusted rate			\$ -		\$ -	\$ -	\$ -	\$ 2.6971		\$ -	-	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.6971	\$ -	\$ -	\$ -	\$ -	
General Service 1,000 to 4,999 kW	kW	•	•	•	•	•	\$ -	\$ 2.9942	•	•	•	¢	
Adjusted rate Calendar year equivalent		\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 2.9942 \$ 2.9942	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	1
			· -		· ·	-	-		-	-	-	¥ -	
Large Use	kW		•				•	\$ 2.6901					
Adjusted rate Calendar year equivalent			\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 2.6901 \$ 2.6901	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	
			-	.	• -	J -	3 -			· -	.	.	
Unmetered Scattered Load	kWh							\$ 0.0218					
Adjusted rate Calendar year equivalent			\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 0.0218 \$ 0.0218		\$ - \$ -	\$ - \$ -	\$ - \$ -	
			.	-	3 -	.	3 -	\$ 0.0218	3 -	• -	3 -	-	
Sentinel Lighting	kW							\$ 8.1829					
Adjusted rate		\$ -	\$ -		\$ -	\$ - \$ -	\$ -			\$ - \$ -		\$ - \$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	3 -	\$ -	\$ 8.1829	• -	\$ -	\$ -	\$ -	
Street Lighting	kW							\$ 10.0324					
Adjusted rate		\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ 10.0324		\$ -		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.0324	\$ -	\$ -	\$ -	\$ -	
0	0									_			
Adjusted rate		\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
O Adjusted rate	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent		\$ -	\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	
					•	Ψ -	•	•		Ψ -			
0 Adjusted rate	0	\$ -	\$ -	•	•	•	•	•	\$ -	c	•	•	
Adjusted rate Calendar year equivalent		\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	
Salorida your oquivalent			* *	-	-	-	* *	-	•	· -	· -	· -	
O Adjusted rate	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent	1	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					•		•			•		•	
Adjusted rate	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ - \$ -	
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0	- 0												
Adjusted rate		\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	
Calendar year equivalent			Ψ -	Ψ -	Ψ -	· -	•	• -	•	Ψ -	Ψ -	Ψ -	

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

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. As such, please clear the rates related to the year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

	Year	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	g Street Lighting						
ſ		kWh	kWh	kW	kW	kW	kWh	kW	kW	0	0	0	0	0	0
	2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ī	2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ī	2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
ſ	2016	\$0.0144	\$0.0137	\$2.6971	\$2.9942	\$2.6901	\$0.0218	\$8.1829	\$10.0324	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
													•		

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



LRAMVA Work Form: Determination of Rate Class Allocations

Version 2.0 (2017)

Instruction

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

P:\DistSysInfo\CDM\Reporting_TRCGuides\OEB Filing LRAM & SSM\LRAM2017-DRAFT-OEBModelTesting\[Generic_LRAMVA_Work_Form_v2_Draft_May 1 2017_For Comment^mdwTAB4AvgRateClassAllocation.xlsx]Sheet

	GHI	ESI Rate Class Allocation	Actual Amo	ount - 2011 FINAL Re	sults by kW	Vh				
RATE CODE	Residential Program Total	Commercial & Institutional Program Total		Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Total	% by Rate Class	2011 % Non-RES by Rate Class
Residential	1,613,390							1,613,390	11.2%	0.0%
GS<50 kW		778,995						778,995	5.4%	6.1%
GS 50 to 999 kW		533,135		555,604			1,162,283	2,251,023	15.6%	17.6%
GS 1000 to 4999 kW		0		185,201			5,811,417	5,996,618	41.6%	46.9%
Large Users		28,060		2,963,222			774,856	3,766,137	26.1%	29.4%
Unmetered Scattered Loads								0	0.0%	0.0%
Sentinel Lighting								0	0.0%	0.0%
Street Lighting					-			0	0.0%	0.0%
Total	1,613,390	1,340,190		3,704,027	•	0	7,748,556	14,406,163	100.0%	100.0%

	GH	IESI Rate Class Allocation	Actual Am	ount - 2011 FINAL R	esults by kV	ı					
RATE CODE	Residential Program Total	Commercial & Institutional Program Total		Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total		Total	% by Rate Class	2011 % Non-RES by Rate Class
Residential	645						0		645	18.9%	0.0%
GS<50 kW		313					0		313	9.2%	11.3%
GS 50 to 999 kW		376	90.0%	119	20.0%		217	15.0%	712	20.8%	25.7%
GS 1000 to 4999 kW		0		30	5.0%		941	65.0%	970	28.4%	35.0%
Large Users		42	10.0%	447	75.0%		289	20.0%	778	22.8%	28.1%
Unmetered Scattered Loads									0	0.0%	0.0%
Sentinel Lighting									0	0.0%	0.0%
Street Lighting									0	0.0%	0.0%
Total	645	731		596		0	1,447		3,419	100.0%	100.0%
									20	11 Non-RES kWh Total:	12,792,773

NOTE: FOR ACCRUAL OF PERSISTENCE, ONLY USE ENERGY PERSISTENCE FROM PREVIOUS YEARS, AS DEMAND SAVINGS ARE PERCEIVED AS ONLY NEW INCREMENTAL RESOURCES (IE. BUILDING A GENERATOR ONCE

2011 FINAL	Gros	ss Savings			Net Savi	ngs	Contr	ibution to 1	Targets
Program	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)		Incremental Peak Demand Savings (kW)		Incremental Energy Savings (kWh)	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014		Program-to-Date: 2011- 2014 Net Cumulative Energy Savings (kWh)
Residential Program Total	992	2,503,429		645		1,613,390	519		6,451,825
Commercial & Institutional Program Total	848	1,573,434		731		1,340,190	367		5,148,720
Industrial Program Total	836	4,941,627		596		3,704,027	596		14,816,107
Home Assistance Program Total	0	0		0		0	0		0
Pre-2011 Programs completed in 2011 Total	2,787	14,917,506		1,447		7,748,556	1,447		30,994,225
Total OPA Contracted Province-Wide CDM Programs	5,463	23,935,996		3,418		14,406,163	2,928		57,410,878
CONSOLIDATED INTO INITIATIVE From OPA CDM 2013 FINAL VERIFIED RESULTS REPORT, using	Scenario 1 (DR resul	ts have a 1 year persister	ice)						
2012 FINAL	Gros	ss Savings			Net Savi	ngs	Contr	ibution to 1	Targets Targets
Program	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)		Incremental Peak Demand Savings (kW)		Incremental Energy Savings (kWh)	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014		Program-to-Date: 2011- 2014 Net Cumulative Energy Savings (kWh)
Residential Program Total	584	1,566,827		294		876,212	813		9,080,460
Commercial & Institutional Program Total	2,705	7,560,945		2,363		6,000,060	1,623		22,970,130
Industrial Program Total	0	0		0		0	596		14,816,107
Home Assistance Program Total	0	0		0		0	0		0
Pre-2011 Programs completed in 2011 Total	1	983		1		983	1,448		30,997,176
Other Total	2,304	1,188,362		2,304		1,188,362	2,304		3,565,086
Adjustments to Previous Year's Verified Results	161	1,226,038		104		883,018	102		3,524,672
Total OPA Contracted Province-Wide CDM Programs	5,756	11,543,156		5,067		8,948,635	6,886		84,953,631
2013 FINAL	Gros	ss Savings			Net Savi	ngs	Contr	ibution to 1	argets
Program	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)		Incremental Peak Demand Savings (kW)		Incremental Energy Savings (kWh)	Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014		Program-to-Date: 2011- 2014 Net Cumulative Energy Savings (kWh)
Residential Program Total	661	1,493,857		328		835,414	1,141		10,751,289
Commercial & Institutional Program Total	2,564	9,904,020		2,117		6,831,422	2,674		36,614,202
Industrial Program Total	3,576	81,439		3,576		81,439	596		14,897,546
Home Assistance Program Total	0	0		0		0	0		0
Pre-2011 Programs completed in 2011 Total	0	0		0		0	1,448		30,997,176
Other Total	16	96,000		16		96,000	2,320		3,757,086
Adjustments to Previous Year's Verified Results	72	321.642		54		257,548	156		4,296,775

			GF	IESI Rate Class Al	location Estimation - 2	012 FINAL VERIFIED F	Results by kWh		
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total	Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2012 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2012 towards 2014 Target
876,212			0				876,212	9.8%	1,612,046
	900,009			983			900,992	10.1%	778,346
	2,100,021	1,500,015				883,018	4,483,054	50.1%	2,249,148
	0	150,001					150,001	1.7%	5,991,623
	900,009	450,004			1,188,362		2,538,375	28.4%	3,763,000
							0	0.0%	0
							0	0.0%	0
							0	0.0%	0
876,212	3,900,039	2,100,021	0	983	1,188,362	883,018	8,948,635	100.0%	14,394,163
								persistence:	0.9992

				G	HESI Rate Class A	llocation Estimation - 2	2012 FINAL VERIFIED	Results by kW		
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2012 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2012 towards 2014 Target
294				0				294	5.8%	563
	295				1			296	5.8%	273
	945	473	68.6%				104	1,522	30.0%	622
	0	59	2.9%					59	1.2%	847
	473	118	28.6%			2,304		2,895	57.1%	680
								0	0.0%	0
								0	0.0%	0
								0	0.0%	0
294	1,713	650		0	1	2,304	104	5,066	100.0%	2,986
									nersistence:	0.8734

1	al OPA Contracted Province-Wide CDM Programs 2014 FINAL	6,889 Gros	11,896,958 ss Savings	6,091	8,101,823 Net Savings	8,334 Contri	ibution to Ta	101,314,073 argets						
Column C	Program	Demand Savings		Demand Savings		Annual Peak Demand		2014 Net Cumulative						
Property	ential Program Total	1,096	2,388,659	722	2,137,653	1,863		12,888,942						
Part	mercial & Institutional Program Total		11,431,223	2,477	7,895,666									
Part	and Response 3								OR3 Contribution to be ex	cluded in 2014 from LRA	M calculation			
Column	sted Commercial & Institutional Program Total													
Company					0									
1		3,686			-				OR3 Contribution to be ex	cluded in 2014 from LRA	M calculation			
The content of the	-	0		Ů		596								
The content						1 440								
The content of the		-												
1.00			-											
1	Il OPA Contracted Province-Wide CDM Programs													
## Property of the Property of	Res Demand Response Contribution		0		0				OR3 Contribution to be ex	cluded in 2014 from LRA	M calculation			
Micro Micr	ted Total OPA Contracted Province-Wide CDM Programs	8,412	26,151,261	6,793	18,790,542	15,127								
Property	2015 Q4 UNVERIFIED PRELIMINARY	Gros	s Savings		Net Savings	Contri	ibution to Ta	argets						
March Marc		Demand Savings		Demand Savings (kW)	Savings (kWh)	Annual Peak Demand		2020 Net Incremental	Inder CFF, Demand Resp	onse is no longer accepte	d as CDM			
March Marc	dential Program Total													
1	mercial & Institutional Program Total													
	istrial Program Total													
1				0	0									
ANNIAL A				10.247	E1 074 002									
1985 1985	TILSO CONTRACTED COM FIOGRAMS			10,347	31,074,303									
1985 1985														
1.54 1.52	ENERGY SAVINGS (GWh)						ANNUAL							
18 18 18 18 18 18 18 18								2016	2017	2018	2019	2020	2021	
Figure F	1 VERIFIED													
150 150														
1		0.88												
13 13 13 13 13 13 13 13		-												
200 201			- 0.20											
AND COMMON 1971 1971 1972 1	4 VERIFIED	0.45	1.58											
### PATE 2012	f 2014 RESULTS (energy)	-		-	100.00%									
### PATE 2012														
1.42 2.78 2.78 2.79	PEAK DEMAND SAVINGS (MW)													
13 15 15 15 15 15 15 15	1 NEDICIED							2016	2017	2018	2019	2020	2021	
1889 1899 1898 1898														
13 00000 73 0000 74	2 VERIFIED													
1.60	f 2012 RESULTS (demand)													
1	3 VERIFIED	-												
101 201	f 2013 RESULTS (demand)		-											
### 2011 2012 2013 2014 2015 2015 2015 2017 2018 2015 2010 2011	4 VERIFIED	0.12	2.77	4.11										
1,000	f 2014 RESULTS (demand)	-	-		100.00%									
1,000	CICTENCE ENEDGY.	2011	2012	2012	2011	2015		2010	2017	2010	2010	2020	2021	
2012 - 1,0000 0.9959 0.9833 0.9143 0.5856 0.7622 0.6729 0.6664 0.6539 0.5803 from "2012 Gross Sovings & PERSISTRACE. Collab hydror Elective CHORNING.its." 2014 - 1,0000 0.9876 0.9844 0.9680 0.9211 0.9095 0.9095 0.973 0.9835 from "2012 Gross Sovings & PERSISTRACE. Collab hydror Elective CHORNING.its." 2015 - 1,0000 0.9896 0.9888 0.6684 0.6333 0.6366 0.6252 0.6221 from "2014 Gought hydro-2014 Persistence Data 20160425.WORKING.its." 2016 - 1,0000 0.9876 0.9989 0.9996 0.9996 0.9996 0.9998 0.9996 0.9998 0.9996 0.9998 0.	SISTEMAL - EMERGI.													from "2011 Persistence - Guelph Hydro 20160422.WORKING visx"
2013 - 1,0000 0,9876 0,9844 0,9560 0,9211 0,9095 0,9074 0,9895 pm "2013 Cuelph Hydro Cutar Systems Inc. 2011 Very Idea Results Gross Paris Inc. 2011 Very Idea Results														
2014 1,0000 0.3995 0.9828 0.6654 0.6333 0.6306 0.6552 0.6321 from "2013 Guelph hydro - 2014 Persistence Data 2016A252.WORKING.sizs" 2016 1,0000 0.9997 0.9999 0.9995 0.9995 0.9995 0.9998 0.9995 0.9998			-											from "2013 Guelph Hydro Electric Systems Inc. 2013 Verified Results-GrossPersistentSavings-2014-Sep-22.WORKING
2016		2014 -	-	-	1.0000				0.6654					
2017		2015 -	-	-	-	1.0000		0.9977	0.9959	0.9956	0.9928	0.9924	0.9855	from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx"
2018			-	-	-	-								
2019				-	-	-								
Company Comp				-	-	-		-						
TENCE - DEMAND: 2011 2012.0000 2013.0000 2014.0000 2015			-	-	-	-		-	-					
2011 1.000 0.9985 0.9807 0.9754 0.9650 0.9072 0.9063 0.7998 0.7963 0.7922 0.7225 from "2011 Persistence - Guelph Hydro 20160422_WORKING_xlsx" 2012 - 1.0000 0.7878 0.7810 0.3344 0.3154 0.2709 0.2525 0.2495 0.2478 0.2259 from "2013 Gross Savings & PERSISTENCE-Guelph Hydro Electric. WORKING_xlsx" 2013 - 1.0000 0.2379 0.2371 0.2334 0.2151 0.2126 0.2126 0.2126 0.2120 0.2077 from "2013 Gross Savings & PERSISTENCE-Guelph Hydro Electric Systems in Carella Phydro Electric Sys			-	-	-	-		-	-	-	-			
2011 1.000 0.9985 0.9807 0.9754 0.9650 0.9072 0.9063 0.7998 0.7963 0.7922 0.7225 from "2011 Persistence - Guelph Hydro 20160422_WORKING_xlsx" 2012 - 1.0000 0.7878 0.7810 0.3344 0.3154 0.2709 0.2525 0.2495 0.2478 0.2259 from "2013 Gross Savings & PERSISTENCE-Guelph Hydro Electric. WORKING_xlsx" 2013 - 1.0000 0.2379 0.2371 0.2334 0.2151 0.2126 0.2126 0.2126 0.2120 0.2077 from "2013 Gross Savings & PERSISTENCE-Guelph Hydro Electric Systems in Carella Phydro Electric Sys	SISTENCE - DEMAND:	2011	2012.0000	2013.0000	2014.0000	2015.0000		2016.0000	2017.0000	2018.0000	2019.0000	2020.0000	2021.0000	
201 - 1.0000 0.7878 0.7810 0.3344 0.3154 0.2709 0.2525 0.2495 0.2498 0.2259 from "2012 Gross Sovings & PERSISTENCE- Guelph Hydro Electric. WORKING.xlsx" 201 - 1.0000 0.2379 0.2371 0.2334 0.2151 0.2166 0.2126 0.2100 0.207 from "2013 Guelph Hydro Electric Systems Inc. 2013 Verified Results-Gross-Persistents-Gavings-2014-Sep-22.WORKI 2014 - 1.0000 0.4991 0.4990 0.4028 0.3909 0.3903 0.3886 0.3880 from "2014 Guelph Hydro Electric Systems Inc. 2012 Verified Results-Gross-Persistents-Gavings-2014-Sep-22.WORKI 2015 - 1.0000 0.4991 0.4990 0.4980 0.4980 0.4980 0.4980 0.9973 0.9974 0.9974 0.9977														from "2011 Persistence - Guelph Hydro 20160422.WORKING.xlsx"
2014 1.0000 0.4991 0.4980 0.4028 0.3909 0.3903 0.3886 0.3880 from "2014 Guelph Hydro - 2014 Persistence Data 20160425.WORKING.xisx" 2015 1.0000 0.9994 0.9974 0.9973 0.9947 0.9949 0.9877 from "Final 2015 Annual Verified Results Report - Annual Persistence_Guelph Hydro_20160729.WORKING.xisx" 2016		2012 -			0.7810	0.3344		0.3154		0.2525	0.2495	0.2478	0.2259	from "2012 Gross Savings & PERSISTENCE- Guelph Hydro Electric.WORKING.xlsx"
2015 1.0000 0.9994 0.9974 0.9973 0.9947 0.9944 0.9877 from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx" 2016			-	1.0000										from "2013 Guelph Hydro Electric Systems Inc. 2013 Verified Results-GrossPersistentSavings-2014-Sep-22.WORKIN
2016			-	-	1.0000									
2017			-	-	-	1.0000		0.9994	0.9974	0.9973	0.9947	0.9944	0.9877	from "Final 2015 Annual Verified Results Report - Annual Persistence_GuelphHydro_20160729.WORKING.xlsx"
2018			-	•	-	-								
2019 -			-	-	-	-		-						
2020			-	-	-	-		-	-	-				
GHESI's 2011, 2012 and 2013 LRAM recovery was approved by the OEB, and included DR programs. The OEB's 2016 LRAM policy EB-2016-0182 required LDCs to ignore DR savings, starting with the 2014 LRAM claim for GHESI.			-	-	-	-		-	-	-	-			
		CUECU'- 2011 2012	and 2013 I PAM recovery u	vas approved by the OFR and	d included DR programs. The OEB	s 2016 LRAM policy FB-2016-	-0182 requir	and I DCs to impose DD sourises	starting with the 2014	RAM claim for GHESI.				

Total
2,488,258
1,679,339
6,732,201
6,141,625
6,301,375
0
0
0
23,342,798

	GHESI Rate Class Allocation Estimation - 2013 FINAL VERIFIED Results by kWh														
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2013 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2013 towards 2014 Target	2012 OPA programs persistence in 2013 towards 2014 Target	Total			
835,414				0				835,414	10.3%	1,610,702	872,589	3,318,706			
	341,571							341,571	4.2%	777,697	897,267	2,016,536			
	1,370,356	341,571					257,548	1,969,475	24.3%	2,247,273	4,464,518	8,681,266			
	0	1,028,785						1,028,785	12.7%	5,986,628	149,381	7,164,795			
	2,732,569	1,098,008				96,000		3,926,577	48.5%	3,759,863	2,527,880	10,214,320			
								0	0.0%	0	0	0			
								0	0.0%	0	0	0			
								0	0.0%	0	0	0			
835,414	4,444,496	2,468,364		0	0	96,000	257,548	8,101,823	100.0%	14,382,163	8,911,637	31,395,622			
									norcictonco:	0.0063	0.0050				

Total	
857	
570	
2,144	
907	
3,574	
0	
0	
0	
8,052	ı

					GHESI Rate Class	Allocation Estimati	on - 2013 FINAL V	ERIFIED Results by kV	1			
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total		Home Assistance Program Total	Pre-2011 Programs completed in 2011 Total	Other Total	Adjustments to Previous Year's Verified Results	2013 Incremental Total Estimated by Rate Class	Estimated % Allocation	2011 OPA programs persistence in 2013 towards 2014 Target	2012 OPA programs persistence in 2013 towards 2014 Target	Total
328				0				328	5.4%	562	232	1,122
	212							212	3.5%	273	233	718
	708	159	15.8%				54	921	15.1%	621	1,199	2,741
	0	443	8.1%					443	7.3%	846	47	1,336
	900	3,272	76.1%			16		4,187	68.7%	679	2,280	7,146
								0	0.0%	0	0	0
								0	0.0%	0	0	0
								0	0.0%	0	0	0
328	1,819	3,874		0	0	16	54	6,091	100.0%	2,981	3,991	13,062
									persistence:	0.8719	0.7876	

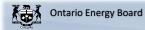
				GHES	I Rate Class Alloca	tion Estima	ation - 2014 FINAL VE	RIFIED Results by kW	/h			
Residential Program Total	Commercial & Institutional Program Total	Industrial Program Total	Home Assistance Program Total	Other Total	Adjustments to Previous Year's Verified Results		2014 Incremental Total Estimated by Rate Class	Estimated % Allocation		2012 OPA programs persistence in 2014 towards 2014 Target	2013 OPA programs persistence in 2014 towards 2014 Target	Total
2,137,653			20,414	0	-61,605		2,096,462	11.2%	1,593,567	861,525	825,000	5,376,554
	1,579,133				557,689		2,136,822	11.4%	769,424	885,890	337,313	4,129,449
	1,894,960				881,169	10.7%	2,776,129	14.8%	2,223,365	4,407,910	1,944,924	11,352,328
	2,684,526				817,651	9.9%	3,502,177	18.6%	5,922,941	147,487	1,015,960	10,588,565
	1,737,046				6,541,906	79.4%	8,278,952	44.1%	3,719,864	2,495,828	3,877,628	18,372,272
							0	0.0%	0	0	0	0
							0	0.0%	0	0	0	0
							0	0.0%	0	0	0	0
2,137,653	7,895,666	0	20,414				18,790,542	100.0%	14,229,161	8,798,641	8,000,825	49,819,170
							18,790,542	persistence:	0.9877	0.9832	0.9875	

					GHES	I Rate Class Alloc	ation Estim	ation - 2014 FINAL VE	RIFIED Results by k	v			
Residential Program Total	Commercial & Institutional Program Total		Industrial Program Total	Home Assistance Program Total	Other	Adjustments to Previous Year's Verified Results		2014 Incremental Total Estimated by Rate Class	Estimated % Allocation	persistence in 2014			Total
722				1	688	-46		1,366	20.1%	552	230	78	2,226
	191					104		295	4.3%	268	231	50	845
	357	32.9%				238	5.9%	595	8.8%	610	1,189	219	2,613
	522	48.2%				180	4.4%	702	10.3%	831	46	105	1,685
	204	18.8%				3,630	89.7%	3,834	56.4%	666	2,261	996	7,757
								0	0.0%	0	0	0	0
								0	0.0%	0	0	0	0
								0	0.0%	0	0	0	0
722	1,273		0	1	688	4,108		6,793	100.0%	2,928	3,957	1,449	15,126
								11,683	persistence:	0.8564	0.7809	0.2379	

				GHESI Rate Cl	ass Allocati	on Estimation by % -	2015 FINAL VERIFIED	Results 2016-Jun-30	by kWh			
RESIDENTIAL Total (includes Low Income)	BUSINESS Total (includes C&I and Industrial)	LOCAL & REGIONAL Programs Total	PILOT Program Total	OTHER Total (includes Adjustments to Previous Years Final)		2015 Incremental Total Estimated by Rate Class	Estimatea % Allocation	2011 OPA programs persistence in 2015 towards 2020 Target	2012 OPA programs persistence in 2015 towards 2020 Target	2013 OPA programs persistence in 2015 towards 2020 Target	2014 IESO programs persistence in 2015 towards 2020 Target	Total
2,615,165						2,615,165	4.6%	1,579,086	801,111	822,412	2,074,756	7,892,529
	100,000					100,000	0.2%	762,432	823,767	336,255	2,114,698	4,137,152
	2,000,000					2,000,000	3.5%	2,203,161	4,098,805	1,938,822	2,747,386	12,988,174
	7,000,000					7,000,000	12.3%	5,869,117	137,145	1,012,773	3,465,917	17,484,952
	45,000,000					45,000,000	79.3%	3,686,061	2,320,808	3,865,463	8,193,235	63,065,567
						0	0.0%	0	0	0	0	0
						0	0.0%	0	0	0	0	0
						0	0.0%	0	0	0	0	0
2,615,165	54,100,000	0	0	0	0	56,715,165	100.0%	14,099,856	8,181,634	7,975,725	18,595,993	105,568,373
							nersistence:	0 9787	0 9143	0 9844	0.9896	

				GHESI Rate Cl	ass Allocat	ion Estimation by % -	2015 FINAL VERIFIED	Results 2016-Jun-30	by kW			
RESIDENTIAL Total (includes Low Income)	BUSINESS Total (includes C&I and Industrial)	LOCAL & REGIONAL Programs Total	PILOT Program Total	OTHER Total (includes Adjustments to Previous Years Final)		2015 Incremental Total Estimated by Rate Class	Estimated % Allocation	persistence in 2015	2012 OPA programs persistence in 2015 towards 2020 Target	2013 OPA programs persistence in 2015 towards 2020 Target		Total
532						532	4.4%	622	98	78	682	2,012
	500					500	4.2%	302	99	50	147	1,099
	1,000					1,000	8.3%	688	509	218	297	2,712
	2,000					2,000	16.6%	936	20	105	350	3,412
	8,000					8,000	66.5%	751	968	993	1,914	12,626
						0	0.0%	0	0	0	0	0
						0	0.0%	0	0	0	0	0
						0	0.0%	0	0	0	0	0
532	11,500	0	0	0	0	12,032	100.0%	3,299	1,694	1,444	3,390	21,861
							persistence:	0.9650	0.3344	0.2371	0.4991	

RATE CLASS	Description	% Allocation based on Energy	% Allocation based on Demand
Residential	RES	0.0%	0.0%
GS<50 kW	GS<50	8.1%	11.4%
GS 50 to 999 kW	GS<1MW	27.8%	31.2%
GS 1000 to 4999 kW	GS<5MW	33.8%	21.7%
Large Users	LU	30.2%	35.8%
Unmetered Scattered Loads	UMSL	0.0%	0.0%
Sentinel Lighting	SENLT	0.0%	0.0%
Street Lighting	STLT	0.0%	0.0%
	Total:	100.0%	100.0%



LRAMVA Work Form:

2011 - 2014 Lost Revenues Work Form

Version 2.0 (2017)

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

- 1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of
- 2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
- 3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
- 4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
- 5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

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

Table 4-a. 2011 Lost Revenues Work Form																														_
		Net Energy Savings (kWh)				Net Energy	Savings Persis	stence (kWh)					Net Demand Savings (kW)			Net Peak Den	nand Saving	gs Persistence (kW)					Rate Allocation	s for LRAMVA					1
Program	Results Status	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Monthly Multiplier	2011	2012	2013 2	2014 201	5 2016	2017	2018 20°	19 2020	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total	
Consumer Program 1 Appliance Retirement Adjustment to 2011 savings	Verified True-up	312,750 0	312,750 0	312,750 0	312,244	221,958	0	0 0	0	0	0		43	43	43	42 29 0 0	0 0	0 0	0 0		kWh 100.00% 100.00%	kWh	kW 0.00%	kW 0.00%	kW 0.00%	kWh	kW 0.00%	kW 0.00%	100%	
2 Appliance Exchange Adjustment to 2011 savings	Verified True-up	3,328 0	3,328	3,328	2,101	0	0	0	0	0	0		3	3 0	3	1 0 0 0			0 0	0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
3 HVAC Incentives Adjustment to 2011 savings	Verified True-up	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078	861,567 -134,078		450 -71	450 -71		450 450 -71 -71			450 45 -71 -7	50 450 71 -71		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
4 Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	171,748 2,476	171,748 2,476	171,748 2,476	171,748 2,476	158,144 2,476	143,283 2,263	112,051 1,388	111,346 1,386	139,811 1,386	54,375 491		11 0	11 0		11 10 0 0			8 9			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
5 Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	263,995 19,614	263,995 19,614	263,995 19,614	263,995 19,614	241,272 19,614	216,448 17,823	163,188 9,623	162,593 9,621	210,140 9,621	67,432 2,122		15 1	15	15 1	15 14 1 1	13		10 13		100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
6 Retailer Co-op Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0 0	0	0		0	0	0	0 0	0	0 0	0 0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
 Residential Demand Response Adjustment to 2011 savings Residential Demand Response (IHD) 	Verified True-up Verified	0	0 0	0	0 0	0 0	0	0	0	0	0		0	0 0	0	0 0			0 0		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Adjustment to 2011 savings Residential New Construction	True-up Verified	0	0	0	0	0	0	0	0	0	0		0	0	0		0	0		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	Laura van Eykeren Total will not add to
Adjustment to 2011 savings Business Program	True-up	0	0	0	0	0	0	0	0	0	0		0	0		0 0				0	_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	,	100% as the model mixes energy (RES, GS<50) and Non-RE
10 Retrofit - Business Adjustment to 2011 savings	Verified True-up	549,202 1,002,941	549,202 1,002,941	549,202 1,002,941	549,202 1,002,941	549,202 1,002,941	549,202 1,002,941	549,202 947,014	549,202 259,386	401,596 201,320	401,596 201,320	12 12	110 135	110 135			110	110 128	110 74 45 30			58.13% 8.00%	51.46%	0.00% 37.00%	5.72% 0.00%	0.00%	0.00%	0.00%	115%	(GS>50) LRAM settlement calculation
11 Direct Install Lighting Adjustment to 2011 savings	Verified True-up	778,995 92,924	778,995 92,924	766,800 92,924	615,129 85,525	615,129 85,525	615,129 85,525	217,877 14,970	216,085 14,970	216,085 14,970	216,085 14,970	12	313 40	313 40	308 40	257 257 38 38			86 86	6 86	_	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	Laura van Eykerer Adjustment allocatio do not add to 100%
12 Building Commissioning Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0 0			0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	due to mix of LRAM settlement calcs
13 New Construction Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	(Laurence Colores
14 Energy Audit Adjustment to 2011 savings 15 Small Commercial Demand Response	Verified True-up Verified	0	0 0	0	0 0	0 0	0	0	0	0	0	12	0 0	0 0	0	0 0			0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0% 115%	Laura van Eykeren: Total will not add to 100% as the model row mixes energy
Adjustment to 2011 savings Small Commercial Demand Response (IHD)	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 0	0	0	0 0	0 0	0.00%	58.13%	51.46%	0.00%	5.72%	0.00%	0.00%	0.00%		(RES, GS<50) and Non-RES (GS>50) LRAM settlement calculations.
Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 0	0	0	0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
17 Demand Response 3 - Business Adjustment to 2011 savings	Verified True-up	11,993	0	0	0	0	0	0	0	0	0		307 0	0	0	0 0	0	0	0 0	0 0	0.00%	58.13% 58.13%	51.46% 51.46%	0.00% 0.00%	5.72% 5.72%	0.00%	0.00%	0.00%	115%	Laura van Eykeren: Total will not add to 100% as the model
Industrial Program Process & System Upgrades Adjustment to 2011 savings	Verified True-up	0	0	0	0	0 0	0	0	0	0	0	12	0	0	0	0 0	0	0 0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	row mixes energy (RES, GS<50) and Non-RES (GS>50) LRAM settlement
19 Monitoring & Targeting Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0	-	0 0			0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	calculations.
20 Energy Manager	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0 0	0									0%	

Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0 0	0	0	0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21 Retrofit - Industrial Adjustment to 2011 savings	Verified True-up	3,704,027 0	3,704,027	3,704,027 0	3,704,027	3,704,027	3,704,027	3,704,027	3,704,027	1,738,512	1,738,512 0	12 12	596 0	596 0	596 0			596 59 0 0			0 0.00	6 0.00%	20.00% 20.00%	5.00% 5.00%	75.00% 75.00%	0.00%	0.00%	0.00%	100%
22 Demand Response 3 - Industrial Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0	0			0 0			0 0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Assistance Program Home Assistance Program Adjustment to 2011 savings	Verified True-up	0	0 0	0	0 0	0 0	0	0 0	0 0	0 0	0 0		0	0 0	0 0	0 0		0 0	0	0 0	0 100.0 0 100.0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program Home Assistance Program Adjustment to 2011 savings	Verified True-up	0	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0		0	0	0				0 0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0	0			0 0			0 0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2011 savings	Verified True-up	7,431,466 0	7,431,466	7,431,466 0	7,431,466	7,431,466	7,431,466 0	7,431,466	7,431,466	7,431,466	7,431,466	12 12	1,385 0	1,385	1,385	1,385 1		,385 1,3 0 0		1,385		6 0.00%	15.00% 100.00%	65.00% 0.00%	20.00%	0.00%	0.00%	0.00%	100%
High Performance New Construction Adjustment to 2011 savings	Verified True-up	317,091 -100,859	12 12	62 -1	62	62 -1				2 62 I -1			6 0.00%	15.00% 100.00%	65.00% 0.00%	20.00% 0.00%	0.00%	0.00%	0.00%	100%									
Z8 Toronto Comprehensive Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0 0			0 0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		0 0	0	-	0 0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0 0			0 0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 31 Program Enabled Savings Adjustment to 2011 savings	Verified True-up	0 449,226	0 449,226	0 449,226	0 449,226	0 449,226	0 449,226	0 449,226	0 449,226	0 449,226	0 449,226	0	0 119	0 119	0 119			0 0	9 119		0	6 0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings Adjustment to 2011 savings	Verified True-up	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0		0 0			0 0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 LDC Pilots Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0			0 0		0 0	0 0.00	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2011 Forecast CDM Savings in 2011	<u> </u>	15,738,407	15,726,413	15,714,219	15,553,415	15,424,701	15,161,054	14,543,751	13,853,027	11,757,852	11,521,314		3,642	3,210	3,205	3,151 3	3,134 3	,103 2,8	91 2,806	2,473	,462 1,501,	02 1,278,35	3 5,346	12,244 0	8,908	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011					1													1			\$0.00 \$0.0 \$0.0	\$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2015 2011 Savings Persisting in 2016 2011 Savings Persisting in 2017 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018 2011 Savings Persisting in 2019 2011 Savings Persisting in 2019																					1,501, 1,501, 1,499, 1,370, 1,107, 1,013, 1,012, 1,088, 851,5	02 1,259,18 68 1,100,11 54 1,100,11 06 1,100,11 39 627,835 34 571,033 47 480,590	7 5,348 7 5,348 7 5,348 7 5,348 7 5,348 5 5,313 4,917 3,937	12,246 12,246 12,246 12,246 12,246 12,213 11,847 11,608	8,908 8,908 8,908 8,908 8,908 8,908 8,908 6,313 6,313	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	

2011 Savings Persisting in 2018
2011 Savings Persisting in 2019
2011 Savings Persisting in 2020
Note: LDC to make note of key assumptions included above

		Net Energy				Net Energy	Savings Persis	ence (kWh)					Net Demand			Net Peak Do	emandS	avings Persis	tence (k	W)					Rate Allocation	s for I RAMVA				
	Results	Savings (kWh)				Het Energy	Ouvings i crais	crice (KITTI)				Monthly	Savings (kW)			Not I can be	Jiliana o	avings i crois	nonce (n	,					Nate Anocation	IS TOT ETCAMPA				
Program	Status	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Multiplier	2012	2013	2014	2015 20	016	2017 201	8 20	019 2020	2021 F	esidential	GS<50 kW		General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Tota
onsumer Program																						kWh	kWh	kW	kW	kW	kWh	kW	kW	
opliance Retirement	Verified	167,643	167,643	167,643	167,643	103,947	0	0	0	0	0		23	23	23	23 1	14	0 0		0 0	0	100.00%								100
djustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
pliance Exchange	Verified	5.639	5.639	5.639	5,621	0	0	0	0	0	0		3	3	3	3 (0	0 0		0 0	0	100.00%								100
justment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
AC Incentives	Verified	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	449,783	Г	253	253	253	253 25	53	253 253	3 2	253 253	253	100.00%								100
ljustment to 2012 savings	True-up	14,803	14,803	14,803	14,803	14,803	14,803	14,803	14,803	14,803	14,803		7	7	7			7 7		7 7		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
onservation Instant Coupon Booklet	Verified	12,560	12.560	12,560	12,560	12,372	12,372	5,826	5.794	5,794	5,794	Г	2	2	2	2 :	2	2 2		2 2	2	100.00%								100
djustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0		0	0 0		0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Assessed Destables France	\/ : :	040 507	240.587	240.587	240.587	040.070	475.000	440.055	440.705	440 705	CO 004	-	40	40	40	40 4	10	40 0		0 0	-	400.000/								40
i-Annual Retailer Event djustment to 2012 savings	Verified True-up	240,587	240,587	240,587	240,587	216,272	175,860 0	119,955 0	119,705	119,705 0	60,801		13	13	13	13 1	0	0 0		0 0		100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
·	·																													
etailer Co-op fjustment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0 (0	0 0		0 0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
Justinent to 2012 Savings	True up						ı	0 1				L	- 0	0	0	0	0	0 0		0 0		100.0070	0.0070	0.0076	0.0070	0.0070	0.0070	0.0070	0.0070	
sidential Demand Response justment to 2012 savings	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0		100.00%	0.000/	0.000/	0.000/	0.000/	0.000/	0.0007	0.000/	10
ustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		U	0	0	0 (0	0 0		0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
esidential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0	0	100.00%								100
djustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
esidential New Construction	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0	0	100.00%								100
ljustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 (0	0 0		0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
usiness Program																														
etrofit - Business	Verified	5,028,199	5,006,770	4,911,772	4,331,063	4,331,063	4,039,117	3,990,373	3,990,373	3,932,828	3,288,699	12	1,055	1,049	1,019			753 749		745 737	629		15%	60%	2.50%	25.00%				103
justment to 2012 savings	True-up	283,829	283,829	283,288	277,273	277,273	262,613	261,351	261,351	246,802	239,262	12	38	38	37	36 3	36	31 31	;	31 27	26	0.00%	0.00%	32.00%	68.00%	0.00%	0.00%	0.00%	0.00%	
rect Install Lighting	Verified	553,506	553.506	543.662	506.591	506.591	215.935	215.935	215.935	215.935	215.935	12	156	156	154	145 14	45	62 62		62 62	62		100%							10
ljustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 (0	0 0		0 0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ilding Commissioning	Verified	0	1 0	1 0	1 0	0	0	0 1	0	0	0	2	0	0	0	0 1	0	0 0		0 0	0									0
justment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0 (0	0 0		0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	U
· ·																														
w Construction justment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0	0	0 (0	0 0		0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0'
justinent to 2012 savings	mue-up	0	0	0	U	U	U	U	U	U	U	12	U	U	U	J 1		0 0		0 0	U	0.0076	0.0076	0.0076	0.0076	0.0076	0.00 /6	0.0076	0.0076	
nergy Audit	Verified	402,820	402,820	402,820	402,820	0	0	0	0	0	0	12	83	83	83		0	0 0		0 0	0		15%	60%	2.50%	25.00%				10
justment to 2012 savings	True-up	91,756	91,756	91,756	91,756	0	0	0	0	0	0	12	19	19	19	19 (0	0 0		0 0	0	0.00%	0.00%	32.00%	68.00%	0.00%	0.00%	0.00%	0.00%	

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eren:
al will not add to
% as the model
mixes energy
, GS<50) and
-RES (GS>50)
M settlement
ulations.

mall Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		0	0					0									0%
ustment to 2012 savings	True-up	0]	0	0	0	0	0	0	0	0	0		0	0	0 0	0	0	0 0	0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nall Commercial Demand Response (IHD) justment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0	0 0	0	0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
mand Response 3 - Business	Verified	15,535	0	0	1 0	0	0	1 0	1 0	0	0		1.069	0	0 0	0	0	0 0		0.00%				25.00%	0.0070	0.0070	0.0070	103%
ustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0 0	0	0	0 0	0	0 0.00%	0.00%	32.00%		0.00%	0.00%	0.00%	0.00%	
ustrial Program cess & System Upgrades ustment to 2012 savings	Verified True-up	0 0	0	0	0	0	0	0	0	0	0	12 12	0	0 0	0 0	0	0 0	0 0	0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
nitoring & Targeting ustment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0	0 0	0		0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
ergy Manager ustment to 2012 savings	Verified True-up	0 0	0	0 0	0	0	0	0 0	0 0	0	0	12	0		0 0			0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
trofit - Industrial justment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0 0	0		0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
mand Response 3 - Industrial ustment to 2012 savings	Verified True-up	0	0	0	0 0	0 0	0	0	0 0	0	0		0	0 0	0 0			0 0	0 0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
me Assistance Program me Assistance Program justment to 2012 savings	Verified True-up	0 0	0	0	0 0	0	0	0	0	0	0		0		0 0			0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
original Program me Assistance Program ustment to 2012 savings	Verified True-up	0 0	0	0	0	0	0	0 0	0 0	0	0		0	0 0	0 0	0 0	0 0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
ect Install Lighting justment to 2012 savings	Verified True-up	0 0	0	0 0	0 0	0 0	0	0 0	0 0	0 0	0	12 12	0	0 0	0 0 0 0	0 0	0 0	0 0	0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
2011 Programs completed in 2011 tricity Retrofit Incentive Program istment to 2012 savings	Verified True-up	0 0	0	0	0	0	0	0	0	0	0	12	0		0 0				0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Performance New Construction	Verified	983	983	983	983	983	983	983	983	983	983	12	11	1	1 1	1	1	1 1	1	1		100.00%						100%
stment to 2012 savings	True-up Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0		0 0	0	0 0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
stment to 2012 savings	True-up Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
ifamily Energy Efficiency Rebates stment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0		0	0 0	0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Custom Programs ustment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0		0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
er gram Enabled Savings ustment to 2012 savings	Verified True-up	1,188,362 994,407	0 0	2,304 2,639		,304 228 ,639 2,639			228 22 2,639 2,6	8 228 39 2,639 2	228 ,639 0.00%	0.00%	50.00%	50.00%	100.00% 0.00%	0.00%	0.00%	0.00%	100%									
ne of Use Savings ustment to 2012 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0		0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
C Pilots	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0		0 0	0	0	0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0%
stment to 2012 savings ual CDM Savings in 2012	True-up	9,450,412	9.413.447	9,308,065	8.684.254	8,095,858	7.354.235	7.241.778	7,241,497	7.169.403	6.458.830	U	7,665		0 0			0 0	76 3,964	0 0.00%	0.00%	0.00% 8,424	0.00%	0.00% 3,414	0.00%	0.00%	0.00%	
recast CDM Savings in 2012		0,100,712	V)V)	5,530,000	0,007,204	5,555,000	.,554,255	1,211,110	.,271,407	.,,403	0,.00,000		.,500	0,000	, 4,230	-,,170	3,007	2,3.0 3,3		0	0	0	0	0	0	0	0	
tribution Rate in 2012 it Revenue in 2012 from 2011 programs it Revenue in 2012 from 2012 programs al Lost Revenues in 2012 recast Lost Revenues in 2012 AMVA in 2012																				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
12 Savings Persisting in 2013 12 Savings Persisting in 2014 12 Savings Persisting in 2015 12 Savings Persisting in 2016 12 Savings Persisting in 2017 12 Savings Persisting in 2018 12 Savings Persisting in 2019																				891,015 891,015 890,998 797,177 652,818 590,366 590,085	1,364,944 1,340,851 1,216,674 1,156,251 821,802 814,491 814,491	8,374 8,164 6,879 6,210 5,554 5,496 5,496	799 789 721 543 481 477	3,394 3,307 2,774 2,526 2,259 2,235 2,235	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	

Note: LDC to make note of key assumptions included above

		Net Energy Savings (kWh)				Net Energ	y Savings Persis	stence (kWh)					Net Demand Savings (kW)			Net Peak	Demand S	Savings Pe	rsistence	(kW)					Rate Allocation	ns for LRAMVA				
Program	Results Status	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Monthly Multiplier	2013	2014	2015	2016	2017	2018	2019	2020 2	021 2	2022 Residenti	d GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW		Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Consumer Program																,	,		,	,		kWh	kWh	kW	kW	kW	kWh	kW	kW	
Appliance Retirement	Verified	88,261	88,261	88,261	87,954	50,406	0	0	0	0	0		14	14	14	14	7	0	0	0	0	0 100.00%								100%
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
-					•			•	•			_				•														
Appliance Exchange	Verified	19,950	19,950	19,950	19,950	0	0	0	0	0	0		11	11	11	11	0	0	0	0	0	0 100.00%								100%
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
HVAC Incentives	Verified	503,633	503,633	503,633	503,633	503,633	503,633	503,633	503,633	503,633	503,633		287	287	287	287	287					287 100.00%								100%
Adjustment to 2013 savings	True-up	27,299	27,299	27,299	27,299	27,299	27,299	27,299	27,299	27,299	27,299		15	15	15	15	15	15	15	15	15	15 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
												_																		
Conservation Instant Coupon Booklet	Verified	69,239	69,239	66,571	56,399	56,399	56,399	56,399	56,352	40,978	40,978		5	5	4	4	4	4	4	4	3	3 100.00%								100%
Adjustment to 2013 savings	True-up	212	212	201	174	174	174	174	174	146	146		0	0	0	0	0	0	0	0	0	0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Di Assessi Detelles Freed		154.331	151001	445.000	440.000	440.000	440.000	440.000	140404	05.405	05.405	_			40						-	7 400 000								4000/
Bi-Annual Retailer Event	Verified True-up	154,331	154,331	145,032	113,298	113,298	113,298	113,298	113,164	95,165	95,165	_	11	11	10	8	8	8	8	8	7	7 100.00% 0 100.00%	0.000/	0.000/	0.000/	0.000/	0.000/	0.00%	0.000/	100%
Adjustment to 2013 savings	True-up	0	U	U	0	U	0	0	0	U	U		U	0	0	U	0	0	0	0	0	0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Retailer Co-op	Verified	0	0	0	0	0	1 0	1 0	0	0	0		0	0	0	0	0	0	0	0	0	0 100.00%								100%
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	0	0	0	-	0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100 /6
Adjustitient to 2015 savings	rruc up	0	0	U	0	0					0		U	0	0	0	0	0	0	0	0	100.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
Residential Demand Response	Verified	0	0	0	1 0	0	0	1 0	0	0	0		0	0	0	0	0	0	0	0	0	0 100.00%								100%
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	-	0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10070
,																														
Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0 100.00%								100%
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0 100,00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Laura van

g Residential New Construction	Verified	0	0	0	0	0	0	0	0	0	0		0	0 0		0			0 100.00%								100%	Laura van Eykeren: Total will not
Adjustment to 2013 savings Business Program Retrofit - Business	True-up Verified	6,406,519	6,402,307	6,402,307	6,402,307	6,274,014	6,232,246	6,232,246	6,230,027	6 157 901	5,853,322	12	939	938 938					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34%	add to 100% as the model row mixes energy (RES, GS<50)
Adjustment to 2013 savings	True-up Verified	1,402,288	1,398,498	1,398,498	1,398,498	1,344,575	1,083,215	1,083,215		1,050,951	973,172	12	282	282 282	282 2		204 20	04 199	0.00%	0.00%	21.00%	0.00%	79.00%	0.00%	0.00%	0.00%	100%	and Non-RES (GS>50) LRAM settlement calculations.
11 Direct Install Lighting Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12		0 0	0	0	0 (0 0	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		Laura van Eykeren: Total will not add to
12 Building Commissioning Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	3		0 0	0	0	0 (0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	100% as the model row mixes energy (RES, GS<50) and Non-RES
13 New Construction Adjustment to 2013 savings	Verified True-up	0 2,845	2,845	2,845	2,845	2,845	0 2,845	2,845	2,845	0 2,845	0 2,845	12				0 0 2 2		0 0 2 2		4.94% 0.00%	12.92% 21.00%	0.00%	16.41% 79.00%	0.00%	0.00%	0.00%	34%	(GS>50) LRAM settlement calculations.
14 Energy Audit Adjustment to 2013 savings	Verified True-up	48,451 5,721,015	48,451 5,721,015	48,451 5,721,015	48,451 5,721,015	0	0	0	0	0	0	12 12	9 1,041	9 9 1,041 1,04		0 0	0 0	0 0 0	0 0.00%	4.94% 0.00%	12.92% 21.00%	0.00% 0.00%	16.41% 79.00%	0.00%	0.00%	0.00%	34%	Laura van Eykeren: Total will not add to 100% as the model row
15 Small Commercial Demand Response Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0 0	0	0 0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	mixes energy (RES, GS<50) and Non-RES (GS>50) LRAM
Small Commercial Demand Response (IHD) 16 Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0 0	0	0 0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	settlement calculations.
17 Demand Response 3 - Business Adjustment to 2013 savings	Verified True-up	14,560	0	0	0	0	0	0	0	0	0		1,064	0 0		0 0	0 0	0 0	0	4.94%	12.92%	0.00%	16.41% 79.00%	0.00%		0.00%	34%	Laura van Eykeren: Total will not add to 100% as the model row mixes energy
Industrial Program	Verified	0				0	0	0	0	0	0	12	0	0 0	, , ,					0.0076	21.00%	0.0076	7 3.00 /6	0.0076	0.00%	0.0076		(RES, GS<50) and Non- RES (GS>50) LRAM settlement
Process & System Upgrades Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0 0	0	0	0	12			0	0 0	0 (0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	calculations.
19 Monitoring & Targeting Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0 0	0	0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
20 Energy Manager Adjustment to 2013 savings	Verified True-up	0 10,468	10,468	10,468	0	0	0	0	0	0	0	12	0	0 0		0 0	0 0		0 0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0%	
21 Retrofit - Industrial Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0 0		0 0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	Laura van Eykeren: The demand savings
22 Demand Response 3 - Industrial Adjustment to 2013 savings	Verified True-up	81,439 0	0	0	0	0	0	0	0	0	0		3,576 0	0 0	0	0 0	0 0	0 0 0	0 0.00%	0.00%	2.90% 0.00%	8.09% 100.00%	59.69% 0.00%	0.00%	0.00%	0.00%	71%	allocation for the 2013 GS>50kW Business and Industrial is based on a
Home Assistance Program Home Assistance Program Adjustment to 2013 savings	Verified True-up	0	0	0 0	0 0	0 0	0	0 0	0	0 0	0		0 0	0 0 0		0 0			0 100% 0 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	% allocation of the combined Business & Industrial 5,588 kW (all programs excluding
Aboriginal Program 24 Home Assistance Program	Verified	0	0	0	0	0	0	0	0	0	0		0	0 0	0	0 0	0 0	0 0	0									Direct Install Lighting), as the allocation process was focused on appropriate customer
Adjustment to 2013 savings 25 Direct Install Lighting	True-up Verified	0	0	0	0	0 0	0	0 0	0	0	0	12	0	0 0		0 0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	rate class assignment, not OPA program classification. The
Adjustment to 2013 savings Pre-2011 Programs completed in 2011	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0 0	0	0	0 (0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		percent allocation is driven by Tab 3-a Guelph_CDM Prgs cells (AB37AC39)
26 Electricity Retrofit Incentive Program Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0 0	0	0 0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
High Performance New Construction Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0 0	0	0	0	12 12	0	0 0	0 0	0 0	0 0	0 0 0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Z8 Toronto Comprehensive Adjustment to 2013 savings	Verified True-up	0	0	0	0	0	0	0 0	0	0	0	0	0	0 0	0 0	0 0	0 0		0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
29 Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up	0	0	0	0	0 0	0	0 0	0	0	0	0				0 0		0 0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
30 Adjustment to 2013 savings	Verified True-up	0	0	0	0	0 0	0	0 0	0	0	0	0	-	0 0		0 0	,	0 0 0	0 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Other Program Enabled Savings Adjustment to 2013 savings	Verified True-up	96,000 0	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	0	16	16 16 0 0			16 1		0 0.00%	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	100%	
32 Time of Use Savings Adjustment to 2013 savings	Verified True-up	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0						0 0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
33 LDC Pilots Adjustment to 2013 savings	Verified True-up	0	0	0 0	0 0	0 0	0	0 0	0	0		0 0	0	0 0	0	0	0 (0 0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%	
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		15,008,402	14,904,401	14,885,058	14,816,565	8,667,890	8,314,356	8,314,356	8,304,772	8,174,065	7,791,807							482 1,452 1	·	681,558 0	4,808	0	14,428 0	0	0	0		
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013														·	·		·		\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2019 2013 Savings Persisting in 2019 2013 Savings Persisting in 2020 Note: LDC to make note of key assumptions includ	ed above																		862,925 850,947 808,706 751,209 700,803 700,803 700,622	680,630 673,265 657,481 509,253 507,189 507,189 507,079	4,803 4,803 4,803 2,065 1,897 1,897 1,897	2 2 0 0 0 0 0	14,414 14,414 4,305 3,702 3,702 3,702	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0		

Table 4-d. 2014 Lost Revenues Work Form		Return to Top																													
	Results	Net Energy Savings (kWh)				Net Energy	Savings Persist	ence (kWh)				Monthly	Net Demand Savings (kW)			Net Pe	ak Deman	d Savings	Persistend	ce (kW)						Rate Allocation	s for LRAMV	A			
Program	Status	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Multiplier	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Consumer Program		.,	.,,			.,			,	.,													kWh	kWh	kW	kW	kW	kWh	kW	kW	
Appliance Retirement	Verified	86,630	86,630	86,630	86,317	50,246	-	-	-	-	-		13	13	13	13	7	-	-	-	-	-	100.00%								100%
Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Exchange	Verified	24,752	24,752	24,752	24,752	-	-	-	-	-	-		14	14	14	14	-	-	-	-	-	-	100.00%								100%

Laura van Eykeren:

	Adjustment to 2014 savings Business Program Retrofit - Business Adjustment to 2014 savings	True-up Verified True-up	7,229,048	7,209,230 7,209,2 0 0	30 7,144,777 0	7,125,966	7,125,966 7,0	31,098 7,031,0	98 6,374,780 0	5,814,475 0		107 1	,101 1,101 1	,082 1,079	1,079 1,059 1			0.00% 20.00% 20.00%	0.00% 32.94% 32.94%	0.00% 48.24% 48.24%	0.00% 18.82% 18.82%		0.00% 0.00%	120%	The demand savings allocation for the 201. GS>50kW Business a Industrial is based on allocation of the Busin programs, excluding I
Control Cont	Adjustment to 2014 savings Direct Install Lighting	Verified		0 0 375,483 360,6 0 0	0 59 245,984 0					245,984	12 1	08	106 102	66 66	66 66]	100.00%						100%	programs, excluding I driven by Tab 10 Guelph_CDM Prgs col AP percentages of tot
The section of the se	Building Commissioning Adjustment to 2014 savings		0	- 0 0	- 0	- 0					-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		focussed on customer class assignment, not
The content of the	New Construction		20,616	20,616 20,6	16 20,616	20,616	20,616	20,616 20,6	16 20,616	20,616	12	2	2 2	2 2	2 2	2 2 2						0.00%	0.00%		Total will not add to 19 as the model row mixe
The content of the	4 Energy Audit	Verified	261,094	261,094 261,0	94 261,094	-	- 0		- 0	- 0							_		32.94%					120%	Non-RES (GS>50) LRA settlement calculations
The stands The	5 Small Commercial Demand Response	Verified	0	-	-	-	-	- -	-		12]	20.00%	32.94%	48.24%	18.82%			120%	allocation for the 2014 GS>50kW Business an
Part	Small Commercial Demand Response (IHD)	Verified	0	-	-	-	-	- -	-	-		0		- -]							0%	
Part	Demand Response 3 - Business		0	-	-	-	-	- -	-	-				- -			_		32.94%						AP percentages of tota The allocation process
The control proper in		True-up	0	0 0	0	0	0 0	0	0	0		0 (0 0	0	0 0	0 0 0	0.00%	20.00%	32.94%	48.24%	18.82%	0.00%	0.00%		class assignment, not Laura van Eykeren:
March Carlot Stands			0	0 0	0	0	0 0	- 0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		as the model row mixe energy (RES, GS<50) Non-RES (GS>50) LRA
Triging from proper group of the proper group			0	0 0	0	0	0 0	- 0	0	0		0 (0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Mary Part Mary	Energy Manager Adjustment to 2014 savings		0 0	0 0	0	0	0 0	- 0	- 0	0		0 0			0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		GS>50kW Business an Industrial is based on
Second Property Prope	Retrofit - Industrial Adjustment to 2014 savings		0	- 0 0	0	0	- 0 0	- 0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		programs, excluding D driven by Tab 10 Guelph_CDM Prgs colu
Note 1	Demand Response 3 - Industrial Adjustment to 2014 savings		0	- 0 0	- 0	- 0	- 0 0	- 0	- 0	- 0	3,	686 0 (0.00%	0.00%				0.00%	0.00%		The allocation process focussed on customer
Part	Home Assistance Program Home Assistance Program	Verified	20,414	19,538 16,8	00 15,724	14,959	14,959	14,959 14,9	59 3,497	3,375		1	1 1	1 1	1 1	1 1 0	100%							100%	program classification. Laura van Eykeren:
Proper Management 2011 - Management 2011 - Mana	Adjustment to 2014 savings Abortiginal Program	True-up	0	0 0	0	0	0 0	0	0	0		0 (0 0	0	0 0	0 0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%		as the model row mixe energy (RES, GS<50)
The Prince of Lighting Prince of			0	0 0	0				0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		settlement calculations The demand savings
Fig. 1. Fig. 1	Direct Install Lighting Adjustment to 2014 savings		0 0	0 0	0	0	0 0	- 0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		GS>50kW Business ar Industrial is based on
Adjustments 2014 savings This by 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program		0	-	-	-	-	- -	-	-	12	0													programs, excluding D driven by Tab 10
Adjustments 2014 earnings Tro-ye O O O O O O O O O O O O O	Adjustment to 2014 savings		0	0 0	0 -	0	0 0	- 0	0 -			0 (0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		AP percentages of tota The allocation process focussed on customer
Adjustment to 2014 as wings Verified 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	High Performance New Construction	True-up	0	0 0	0	0	0 0	0	0	0		0 (0 0	0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		class assignment, not program classification
Adjustment to 2014 savings True-p	Adjustment to 2014 savings	Verified	- U	0 0	0	0	0 0	0	0	0	0	0 (0 0	0	0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Adjustment to 2014 savings Tue-up 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings	True-up	0						-		-	•					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Adjustment to 2014 savings True-up O O O O O O O O O O O O O O O O O O	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	True-up Verified True-up	0 0	0 0	0		0 0	0																	
Adjustment to 2014 savings True-up 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	True-up Verified True-up Verified	0 0	- 0 0 0	0 0		- 0 0				0 0	0 0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Adjustment to 2014 savings	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other Program Enabled Savings	Verified True-up Verified True-up Verified Verified	0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0		0 0	- 0			0 0	0 0		 0 0 0		0 0 0]								
Actual CDM Savings in 2014 10,053,733 9,859,194 9,756,350 9,575,833 9,234,339 9,184,093 9,089,225 9,076,340 8,408,560 7,753,658 7,575 1,724 1,715 1,660 1,583 1,576 1,555 1,516 1,426 2,158,067 1,887,059 4,594 6,726 2,625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other Program Enabled Savings Adjustment to 2014 savings	True-up Verified True-up Verified True-up Verified True-up Verified	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0 0 - 0		- 0 C	- 0	- 0	- 0			0 0 0		0 0 0 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Stribution Rate in 2014 \$0,0000	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other L Program Enabled Savings Adjustment to 2014 savings 2 Time of Use Savings Adjustment to 2014 savings	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0		- 0 0 0 0 0 0 0 0 0	- 0	0	- 0 0 - 0		0 (0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	100%	
Lost Revenue in 2014 from 2012 programs \$0.0 \$0.00 \$0	Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other Program Enabled Savings Adjustment to 2014 savings 2 Time of Use Savings Adjustment to 2014 savings Adjustment to 2014 savings Adjustment to 2014 savings Adjustment to 2014 savings ALDC Pilots Adjustment to 2014 savings Actual CDM Savings in 2014	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	- 0 C	- 0	0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0.00% 100.00% 100.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 2,625	0.00% (0.00% (0.00% (0.00% 0.009 0.00% 0.009 0.00% 0.009	100%	
Lost Revenue in 2014 from	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other Program Enabled Savings Adjustment to 2014 savings Time of Use Savings Adjustment to 2014 savings LDC Pilots Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	- 0 C	- 0	0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0.00% 100.00% 100.00% 0.00% 2,158,067 0	0.00% 0.00% 0.00% 1,887,059 0	0.00% 0.00% 0.00% 4,594 0	0.00% 0.00% 0.00% 6,726 0	0.00% 0.00% 0.00% 2,625 0	0.00% (0.00% (0.00% (0 0) \$0.00000 \$0	0.00% 0.00%	100%	
	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other Program Enabled Savings Adjustment to 2014 savings Time of Use Savings Adjustment to 2014 savings LDC Pilots Adjustment to 2014 savings Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	- 0 C	- 0	0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0.00% 100.00% 100.00% 0.00% 2,158,067 0 \$0.00000 \$0.00 \$0.00	0.00% 0.00% 1,887,059 0 \$0.00000 \$0.000 \$0.000	0.00% 0.00% 4,594 0 \$0.00000 \$0.000 \$0.000	0.00% 0.00% 0.00% 6,726 0 \$0.00000 \$0.000 \$0.000	0.00% 0.00% 0.00% 2,625 0 \$0.00000 \$0.00 \$0.00	0.00% (0.	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0 0 0 0.0000 \$0.000 \$0.00 \$0.00	0%	
	Adjustment to 2014 savings Toronto Comprehensive Adjustment to 2014 savings Multifamily Energy Efficiency Rebates Adjustment to 2014 savings LDC Custom Programs Adjustment to 2014 savings Other Program Enabled Savings Adjustment to 2014 savings Time of Use Savings Adjustment to 2014 savings LDC Pilots Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	- 0 C	- 0	0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0.00% 100.00% 100.00% 0.00% 2,158,067 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00% 0.00% 1,887,059 0 \$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00% 0.00% 4,594 0 \$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00% 0.00% 6,726 0 \$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00% 0.00% 2,625 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00% (0.	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0 0 0 0 0 0 0.0000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0	0% 0% 0% 000 0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	

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2014 Savings Persisting in 2016
2014 Savings Persisting in 2017
2014 Savings Persisting in 2017
2014 Savings Persisting in 2017
2014 Savings Persisting in 2018
2014 Savings Persisting in 2019
2014 Savings Persisting in 2019
2014 Savings Persisting in 2020
2015 Savings Persisting in 2020

Note: LDC to make note of key assumptions included above

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LRAMVA Work Form:

2015 - 2020 Lost Revenues Work Form

Version 2.0 (2017)

Legend

User Inputs (Green)

Auto Populated Cells (White) Instructions (Grey)

- 1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
- 2. Please ensure that 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 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
- 3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
- 4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
- 5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Table 5-a. 2015 Lost Revenues

Net Energy

Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

		Savings (kWh)				Net Energy	y Savings Persist	ence (kWh)					Savings (kV	v)		Net Peak	Demand Savi	ings Persist	tence (kW)					Rate Allocation	ns for LRAMVA				
Program	Results Status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Monthly Multiplier	2015	2016	2017	2018	2019 202	20 2021	1 2022	2023 2024	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	
egacy Framework					-		1		-						ļļ.						kWh	kWh	kW	kW	kW	kWh	kW	kW	
esidential Program																													
upon Initiative	Verified	220,890	220,890	220,890	220,890	220,890	220,890	220,890	220,841	220,841	220,841]	14	14						14 14	100.00%								
ustment to 2015 savings	True-up	5,303	5,303	5,303	5,303	5,303	5,303	5,303	5,303	5,303	5,303	J	0	0	0	0	0 0) 0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nnual Retailer Event Initiative	Verified	316,563	316,563	316,563	316,563	316,563	316,563	316,563	316,552	316,552	316,552	1	24	24	24	24	24 24	4 24	24	24 24	100.00%								
tment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0 0			0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
_	·			•								-																	
nce Retirement Initiative	Verified	0	46,864	46,864	46,656	26,046	0	0	0	0	0		0							0 0	100.00%								
ment to 2015 savings	True-up	0	0] 0	0	0	0	0	0	0	0	J	0	0	0	0	0 0) 0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Incentives Initiative	Verified	515,733	515,733	515,733	515,733	515,733	515,733	515,733	515,733	515,733	515,733	1	273	273	273	273	273 27	3 273	273	273 273	100.00%								
ment to 2015 savings	True-up	12,605	12,605	12,605	12,605	12,605	12,605	12,605	12,605	12,605	12,605	1	6	6						6 6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
-												-																	
lential New Construction and Major	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0 0			0 0	100.00%								
ment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0 0	0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
paraial & Institutional Brogram																													
nercial & Institutional Program y Audit Initiative	Verified	0	142.541	142,541	142.541	0	0	0	0	0	1 0	12	0	30	30	30	0 0	1 0	0	0 0	1	0.00%	100.00%	0.00%					
tment to 2015 savings	True-up	152,133	9,592	9,592	9,592	152,133	152,133	152,133	152,133	152,133	152,133	12	32	2						32 32	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
· ·													<u>'</u>																
ncy: Equipment Replacement	Verified	13,976,235	14,020,784	13,976,235	13,976,235	13,976,235	13,976,235	13,571,889	13,571,889	13,180,751	11,739,120	12	6,978	6,992	6,978	6,978	6,978 6,9	78 6,89	5 6,895	6,849 6,580		9.00%	11.00%	10.00%	76.00%				
ive Initiative ment to 2015 savings	True-up	1,007,040	1,007,040	1,007,040	1,007,040	1,007,040	1,007,040	932,984	932,984	924,392	608,291	12	147	147			147 14			135 84	0.00%	9.00%	11.00%	10.00%	76.00%	0.00%	0.00%	0.00%	
anent to 2013 savings	Hue-up	1,007,040	1,007,040	1,007,040	1,007,040	1,007,040	1,007,040	332,304	332,304	324,332	000,291	12	147	147	147	147	147 14	1 133	133	133 04	0.0076	9.0076	11.0078	10.0076	70.0076	0.0078	0.00%	0.0076	
Install Lighting and Water Heating	Verified	57,881	97,357	57,881	57,881	57,881	57,881	57,881	57,881	57,881	57,881	12	13	22	13	13	13 13	3 13	13	13 13		100.009/	0.00%	0.00%					
Install Lighting and Water Heating ive		57,881	97,357	57,881	57,881	57,881	57,881	57,881	57,881	57,881	57,881		13	22	13	13	13 13	3 13	13	13 13		100.00%							
tment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0 0) 0	0	0 0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Construction and Major Renovation																													
ve	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0 0	0	0	0 0			100.00%						
tment to 2015 savings	True-up	92,866	92,866	92,866	92,866	92,866	92,866	92,866	92,866	92,866	92,866	12	21	21	21	21	21 21	1 21	21	21 21	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
a Building Commissioning Insenting			1	1																									
ng Building Commissioning Incentive ve	Verified	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0 0	0	0	0 0									
tment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0 0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
			•								•	•	'																
trial Program			1	1																	1								
ss and Systems Upgrades Initiatives - t Incentive Initiative	Verified	42,147,864	42,147,864	42,147,864	42,147,864	42,147,864	42,147,864	42,147,864	42,147,864	42,147,864	42,147,864	12	4,811	4,811	4,811	4,811	4,811 4,8	11 4,81	1 4,811	4,811 4,811					100.00%				
ment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0 0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	
-													<u>'</u>																
ss and Systems Upgrades Initiatives -												12	0	0			0 0			0 0									
oring and Targeting Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0 0	' '	0	0 0									
ment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0 0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ss and Systems Upgrades Initiatives -	Verified	17,239	17,239	17,239	17,239	17,239	17,239	17,239	17,239	17,239	17,239	12	5	5	5	5	5 5	5 5	5	5 5			100.00%						
y Manager Initiative	True-up	0	0	1	0	0	0	0	0	0	0	12	0	-	0		0 0		0	0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ment to 2015 savings	πue-up	U	0	U	U	U	U	U	U	U	U	12	U	1 0	U	U	0 0	, 0	U	0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.0076	
come Program																													
come Initiative	Verified	372,886	414,753	393,471	372,886	372,886	372,886	372,886	372,886	205,499	204,696	12	35	37	36	35	35 35	5 35	35	26 25	100.00%								
tment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0 0	0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ginal Conservation Program	Verified	0	0	0	0	0	0	0	0	0	1 0	0	0	0	0	0	0 0) 0	0	0 0									
igina. Conscivation i rogiam				, ,	Ü	Ū			Ü				Ū		Ü	Ū	- 0		Ū										

.aura van Eykeren: Fotal will not add to 100% as the model row mixes energy (RES, 3S<50) and Non-RES (GS>50) LRAM settlement calculations

Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	ĺ
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2015 savings	Verified True-up	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2015 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0 0									0%
Adjustment to 2015 savings Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	True-up Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	078
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2015 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		60,810,411	60,983,167	60,877,860	60,857,067	60,836,457	60,810,411	60,314,637	60,314,062	59,746,692	57,933,201		12,705	12,737	12,713 12,71	12 12,709	12,705 12	606 12,606	12,551 12,2	2,562,277	1,467,092 0	10,445 0	8,710 0	123,925 0	0	0	0	
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAMVA in 2015																				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00							

	D It	Net Energy Savings (kWh)				Net Energy	y Savings Persist	ence (kWh)				No. or the l	Net Demand Savings (kW			Net Peak Den	nand Savir	ngs Persiste	nce (kW)					Rate Allocatio	ns for LRAMVA				
Program	Results Status	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Monthly Multiplier	2016	2017	2018	2019 202	20 202	2022	2023	2024 2025	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	
cy Framework dential Program		ļ.													, 						kWh	kWh	kW	kW	kW	kWh	kW	kW	
on Initiative tment to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ual Retailer Event Initiative nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ce Retirement Initiative nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ncentives Initaitive nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ntial New Construction and Major	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0 0	0	0	0	0 0									
ation Initiative nent to 2016 savings	True-up	, and the second	· ·																	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ercial & Institutional Program Audit Initiative nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
cy: Equipment Replacement re Initiative nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nstall Lighting and Water Heating] 0.50%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
enent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
onstruction and Major Renovation e nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
g Building Commissioning Incentive			_		_	_			_	_]								
ent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
rial Program s and Systems Upgrades Initiatives -												40									1								
is and Systems Upgrades Initiatives - t Incentive Initiative ment to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
s and Systems Upgrades Initiatives - ing and Targeting Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0	0 0									
nent to 2016 savings	True-up											12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
s and Systems Upgrades Initiatives - Manager Initiative nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
come Program	ap																					0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
come Initiative nent to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	12 12	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nal Conservation Program	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ment to 2016 savings	rrue-up											U									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Laura van Eykeren: Total will not add to 100% as the model row mixes energy (RES, GS-50) and Non-RES (GS>50) LRAM settlement calculations.

Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector Adjustment to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
de Direct Install - RTU Controls Adjustment to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2016 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.00%	0.00%	0.00%	0.000/	0.000/	0.00%	0.00%	0.000/	0%
Adjustment to 2016 savings Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2016 savings	True-up [Verified True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2016 Forecast CDM Savings in 2016	True-up	8,394,052	8,394,052	8,394,052	8,394,052	8,394,052	8,341,569	8,341,569	8,341,028	8,336,834	8,320,804	372	1,196	1,196	1,196	1,196 1	,196 1, ²	189 1,18	9 1,189	1,188		261,082 1,133,691	2,266 8,871	1,409 1,546	2,324 40,432	0 0	0.00%	0.00% 0 2,344	
Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs																					\$0.01440	\$0.01370	\$2.69710	\$2.99420	\$2.69010	\$0.02180	\$8.18290 \$0.00		\$106,071.40
Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2016																					\$15,945.21 \$11,479.35 \$11,645.37 \$27,428.42 \$38,174.52 \$73,030.32 \$177,703.18 \$62,867.03	\$15,071.61 \$15,840.64 \$9,007.49 \$25,466.20 \$20,694.91 \$3,576.82 \$89,657.67 \$15,531.57	\$14,424.92 \$16,749.56 \$12,954.34 \$12,329.28 \$28,219.87 \$6,110.29 \$90,788.27 \$23,925.97	\$36,666.31 \$1,626.18 \$0.00 \$20,042.29 \$26,128.59 \$4,218.12 \$88,681.49 \$4,629.03	\$23,963,36 \$6,793,96 \$38,775,10 \$7,027.02 \$333,714,01 \$6,252.16 \$416,525.60 \$108,766.12	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$23,515.95	\$52,489.68 \$72,382.31 \$92,293.22 \$446,931.89 \$93,187.72 \$863,356.21 \$239,235.67 \$624,120.53

		Net Energy Savings (kWh)				Net Energ	y Savings Persist	ence (kWh)					Net Demand Savings (kW)			Net Pea	ak Dema	and Savings Persistend	ce (kW)					Rate Allocat	ons for LRAMVA				
Program	Results Status	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Monthly Multiplier	2017	2018	2019	2020	2021	2022 2023	2024	2025 2026	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
gacy Framework				"		-Ņ			"			",		"					,	, , , , , , , , , , , , , , , , , , ,	kWh	kWh	kW	kW	kW	kWh	kW	kW	
tual CDM Savings in 2017		0											0								0	0	0	0	0	0	0	0	
orecast CDM Savings in 2017																					0	0	0	0	0	0	0	0	
istribution Rate in 2017 osst Revenue in 2017 from 2011 programs ost Revenue in 2017 from 2012 programs ost Revenue in 2017 from 2012 programs ost Revenue in 2017 from 2013 programs ost Revenue in 2017 from 2014 programs ost Revenue in 2017 from 2015 programs ost Revenue in 2017 from 2016 programs ost Revenue in 2017 from 2017 programs otal Lost Revenues in 2017 rorecast Lost Revenues in 2017 rorecast Lost Revenues in 2017 RAMVA in 2017																					\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00							
7 Savings Persisting in 2018 7 Savings Persisting in 2019 7 Savings Persisting in 2020																					0 0 0								

Note: LDC to make note of key assumptions included above

		Net Energy Savings (kWh)				Net Energy	/ Savings Persist	ence (kWh)					Net Demand Savings (kW)		Net	Peak Demand Sav	vings Persist	ence (kW)					Rate Allocati	ons for LRAMVA				
Program	Results Status	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Monthly Multiplier	2018	2019 2	020 202	1 2022 20	023 2024	2025	2026	027 Residen	ial GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
gacy Framework			.,	.,	_,,					,				.,	'		,		,	kWh	kWh	kW	kW	kW	kWh	kW	kW	
ctual CDM Savings in 2018		0											0							0	0	0	0	0	0	0	0	
precast CDM Savings in 2018																				0	0	0	0	0	0	0	0	
stribution Rate in 2018 six Revenue in 2018 from 2011 programs six Revenue in 2018 from 2012 programs six Revenue in 2018 from 2012 programs six Revenue in 2018 from 2014 programs six Revenue in 2018 from 2015 programs six Revenue in 2018 from 2015 programs six Revenue in 2018 from 2017 programs six Revenue in 2018 from 2017 programs six Revenue in 2018 from 2018 programs six Revenue in 2018 from 2018 programs six Revenue in 2018 from 2018 programs six Revenues in 2018 from 2018 strecast Lost Revenues in 2018																				\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Savings Persisting in 2019 Savings Persisting in 2020 LDC to make note of key assumptions inclu-																				0 0	0 0	0 0	0 0	0 0	0	0 0	0	

Table 5-e. 2019 Lost Revenues Work Form Return to top			
Net Energy Savings (kW	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)	Rate Allocations for LRAMVA

Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Monthly Multiplier	2019	2020	2021 20	022 20	023 20	024 2025	5 2026	2027	2028	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Legacy Framework																						kWh	kWh	kW	kW	kW	kWh	kW	kW	
Actual CDM Savings in 2019		0											0									0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2019																						0	0	0	0	0	0	0	0	
Distribution Rate in 2019 Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2019 programs Lost Revenue in 2019 from 2019 programs Total Lost Revenues in 2019 Forecast Lost Revenues in 2019 LRAMVA in 2019																						\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2019 Savings Persisting in 2020																						0	0	0	0	0	0	0	0	
Note: LDC to make note of key assumptions include	ded above																													

Table 5-f. 2020 Lost Revenues Work Form

	Return to top	n e									1		_															
	Net Energy Savings (kWh)				Net Energy	y Savings Persist	ence (kWh)					Net Demand Savings (kW)		Net	Peak Dema	nd Savings	Persistence	e (kW)					Rate Allocati	ons for LRAMVA				
Program Results Status	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Monthly Multiplier	2020	2021	2022 202	23 2024	2025	2026	2027 2028	2029	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Tota
gacy Framework	'	'	,	,	"	'	,				,			'	"		"	"		kWh	kWh	kW	kW	kW	kWh	kW	kW	
ctual CDM Savings in 2020	0											0								0	0	0	0	0	0	0	0	
orecast CDM Savings in 2020																				0	0	0	0	0	0	0	0	
istribution Rate in 2020 osst Revenue in 2020 from 2011 programs ost Revenue in 2020 from 2012 programs ost Revenue in 2020 from 2012 programs ost Revenue in 2020 from 2013 programs ost Revenue in 2020 from 2014 programs ost Revenue in 2020 from 2015 programs ost Revenue in 2020 from 2016 programs ost Revenue in 2020 from 2017 programs ost Revenue in 2020 from 2018 programs ost Revenue in 2020 from 2019 programs ost Revenue in 2020 from 2019 programs ost Revenue in 2020 from 2020 programs ost Revenue in 2020 from 2020 programs ost Revenue in 2020 from 2020 programs otal Lost Revenues in 2020																				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0

Note: LDC to make note of key assumptions included above

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LRAMVA Work Form: Carrying Charges by Rate Class

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

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

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

Go to Tab 1: Summary

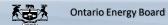
Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015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

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$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	\$0.00	\$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$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	\$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance	ce for 2012			\$0.00	\$0.00	\$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	\$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	\$0.00	\$0.00
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared												
Opening Balance	ce for 2013			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

2020 Q2	
2020 Q3	
2020 Q4	

Check OEB website

	•				1							
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Amount Cleared	t											
Opening Balan	ce for 2014			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
											·	
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared	d											
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
					· ·						·	
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared	d											
Opening Balan	ce for 2016			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-16	2011-2016	Q1	0.09%	\$8.77	\$5.66	\$5.11	\$6.42	\$23.51	\$0.00	\$0.00	-\$1.80	\$47.68
Mar-16	2011-2016	Q1	0.09%	\$17.54	\$11.32	\$10.22	\$12.84	\$47.02	\$0.00	\$0.00	-\$3.59	\$95.35
											-\$5.39	
Apr-16	2011-2016	Q2	0.09%	\$26.32 \$35.09	\$16.99	\$15.32	\$19.26	\$70.53	\$0.00	\$0.00		
May-16	2011-2016	Q2	0.09%	£3E U0			*		A	.		
Jun-16	2011-2016				\$22.65	\$20.43	\$25.68	\$94.04	\$0.00	\$0.00	-\$7.19	\$190.70
Jul-16		Q2	0.09%	\$43.86	\$28.31	\$25.54	\$32.10	\$94.04 \$117.55	\$0.00	\$0.00	-\$7.19 -\$8.98	\$190.70 \$238.38
	2011-2016	Q2 Q3	0.09% 0.09%				\$32.10	\$94.04	\$0.00		-\$7.19	\$190.70 \$238.38
Aug-16	2011-2016 2011-2016			\$43.86	\$28.31	\$25.54	\$32.10 \$38.52	\$94.04 \$117.55 \$141.06	\$0.00 \$0.00	\$0.00 \$0.00	-\$7.19 -\$8.98	\$190.70 \$238.38 \$286.06
Aug-16 Sep-16		Q3 Q3	0.09% 0.09%	\$43.86 \$52.63 \$61.41	\$28.31 \$33.97 \$39.64	\$25.54 \$30.65 \$35.75	\$32.10 \$38.52 \$44.94	\$94.04 \$117.55 \$141.06 \$164.57	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57	\$190.70 \$238.38 \$286.00 \$333.73
Sep-16	2011-2016 2011-2016	Q3 Q3 Q3	0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18	\$28.31 \$33.97 \$39.64 \$45.30	\$25.54 \$30.65 \$35.75 \$40.86	\$32.10 \$38.52 \$44.94 \$51.37	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37	\$190.70 \$238.38 \$286.00 \$333.73 \$381.4
Sep-16 Oct-16	2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4	0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17	\$190.70 \$238.38 \$286.00 \$333.73 \$381.4 \$429.08
Sep-16 Oct-16 Nov-16	2011-2016 2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96	\$190.70 \$238.38 \$286.00 \$333.73 \$381.4 \$429.08 \$476.70
Sep-16 Oct-16 Nov-16 Dec-16	2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4	0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76	\$190.70 \$238.38 \$286.00 \$333.73 \$381.41 \$429.08 \$476.76 \$524.43
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96	\$190.70 \$238.38 \$286.00 \$333.73 \$381.41 \$429.08 \$476.76 \$524.43
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76	\$190.70 \$238.38 \$286.00 \$333.73 \$381.41 \$429.08 \$476.70 \$524.43 \$3,146.61
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56	\$190.70 \$238.38 \$286.00 \$333.70 \$381.40 \$429.08 \$476.70 \$524.40 \$3,146.60
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76	\$190.70 \$238.38 \$286.00 \$333.70 \$381.40 \$429.08 \$476.70 \$524.40 \$3,146.60
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016	Q3 Q3 Q3 Q4 Q4 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$423.76	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56	\$190.76 \$238.38 \$286.06 \$333.75 \$381.4 \$429.08 \$476.76 \$524.45 \$3,146.6
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017	Q3 Q3 Q3 Q4 Q4 Q4 Q4 Q1	0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56	\$190.70 \$238.38 \$286.00 \$333.73 \$381.41 \$429.08 \$476.70 \$524.43 \$3,146.61 \$572.11
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1	0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$118.56 -\$21.56 -\$21.56 -\$21.56	\$190.7(\$238.3(\$286.0(\$333.7(\$381.4' \$429.0(\$476.7(\$524.4(\$3,146.6') \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$118.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56	\$190.7(\$238.3(\$286.0(\$333.7(\$381.4' \$429.0(\$476.7(\$524.4(\$3,146.6' \$572.1' \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$118.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56	\$190.76 \$238.38 \$286.06 \$333.75 \$381.4' \$429.08 \$476.76 \$524.45 \$3,146.6' \$572.1' \$572.1' \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17 Jun-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56	\$190.70 \$238.38 \$286.06 \$333.70 \$381.4' \$429.08 \$476.76 \$524.40 \$3,146.6' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17 Jun-17 Jul-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56	\$190.70 \$238.38 \$286.06 \$333.70 \$381.4' \$429.08 \$476.76 \$524.40 \$3,146.6' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17 Jun-17 Jul-17 Aug-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2 Q3 Q3	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56	\$190.70 \$238.38 \$286.00 \$333.73 \$381.41 \$429.00 \$476.70 \$524.43 \$3,146.66 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17 Jun-17 Jul-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56 -\$21.56	\$190.70 \$238.38 \$286.00 \$333.73 \$381.41 \$429.00 \$476.70 \$524.43 \$3,146.66 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11
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Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Clearec Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17 Jun-17 Jul-17 Aug-17 Sep-17 Oct-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3 Q3 Q3 Q4	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56	\$190.76 \$238.38 \$286.06 \$333.75 \$381.4' \$429.08 \$476.76 \$524.45 \$3,146.6' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 Jun-17 Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3 Q3 Q3 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56	\$190.76 \$238.38 \$286.06 \$333.75 \$381.4' \$429.08 \$476.76 \$524.45 \$3,146.6' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1' \$572.1'
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 May-17 Jun-17 Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3 Q3 Q3 Q4	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56	\$143.03 \$190.70 \$238.38 \$286.06 \$333.73 \$381.41 \$429.08 \$476.76 \$524.43 \$3,146.61 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11
Sep-16 Oct-16 Nov-16 Dec-16 Total for 2016 Amount Cleared Opening Balan Jan-17 Feb-17 Mar-17 Apr-17 Jun-17 Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17	2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2016 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017 2011-2017	Q3 Q3 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3 Q3 Q3 Q4 Q4	0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09% 0.09%	\$43.86 \$52.63 \$61.41 \$70.18 \$78.95 \$87.72 \$96.49 \$578.97 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27 \$105.27	\$28.31 \$33.97 \$39.64 \$45.30 \$50.96 \$56.62 \$62.29 \$373.72 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95 \$67.95	\$25.54 \$30.65 \$35.75 \$40.86 \$45.97 \$51.08 \$56.18 \$337.10 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29 \$61.29	\$32.10 \$38.52 \$44.94 \$51.37 \$57.79 \$64.21 \$70.63 \$423.76 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05 \$77.05	\$94.04 \$117.55 \$141.06 \$164.57 \$188.08 \$211.58 \$235.09 \$258.60 \$1,551.62 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11 \$282.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	-\$7.19 -\$8.98 -\$10.78 -\$12.57 -\$14.37 -\$16.17 -\$17.96 -\$19.76 -\$118.56 -\$21.56	\$190.70 \$238.38 \$286.06 \$333.73 \$381.41 \$429.08 \$476.76 \$524.43 \$3,146.61 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11 \$572.11



Supporting Documentation: LDC Persistence Savings Results from IESO

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

Instructions (Steps)

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

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

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

Cton	#1	rsistence into Future Years				#3	#2	#4
Step: Portfolio	Program	Initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of Report	Identify Status of Savings
					Resource Type	Year		
er 1 er 1	Consumer Consumer	Appliance Exchange Appliance Retirement	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2011 2011	2011 Results Persistence 2011 Results Persistence	Current year savings Current year savings
er 1	Consumer	Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Current year savings
er 1 er 1	Consumer Consumer	Conservation Instant Coupon Booklet HVAC Incentives	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2011 2011	2011 Results Persistence 2011 Results Persistence	Current year savings Current year savings
er 1	Consumer	Residential Demand Response	Guelph Hydro Electric Systems Inc.	Residential	DR	2011	2011 Results Persistence	Current year savings
ier 1	Consumer Business	Retailer Co-op	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Commercial & Institutional	EE DR	2011 2011	2011 Results Persistence	Current year savings
ier 1 ier 1	Business	Demand Response 3 - Business Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial & Institutional	DR	2011	2011 Results Persistence 2011 Results Persistence	Current year savings Current year savings
ier 1	Business	Direct Install Lighting	Guelph Hydro Electric Systems Inc.	Commercial & Institutional Commercial & Institutional	EE	2011 2011	2011 Results Persistence	Current year savings
ïer 1 ïer 1	Business Industrial	Retrofit - Business Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Industrial	EE DR	2011	2011 Results Persistence 2011 Results Persistence	Current year savings Current year savings
ïer 1 ïer 1	Industrial	Retrofit - Industrial Electricity Retrofit Incentive Program	Guelph Hydro Electric Systems Inc.	Industrial Commercial & Institutional	EE EE	2011 2011	2011 Results Persistence 2011 Results Persistence	Current year savings
er 1	Pre-2011 Programs Completed in 2011 Pre-2011 Programs Completed in 2011	High Performance New Construction	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings Current year savings
er 1	Business	Direct Install Lighting	Guelph Hydro Electric Systems Inc.	C&I	EE	2012	2012 Results Persistence	Current year savings
ier 1 ier 1	Business Business	Retrofit - Business Energy Audit	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	C&I C&I	EE EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings
ier 1	Consumer	Appliance Exchange	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings
er 1 er 1	Consumer Consumer	Appliance Retirement Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings
ier 1	Consumer	Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Current year savings
ier 1 ier 1	Consumer Pre-2011 Programs Completed in 2011	HVAC Incentives High Performance New Construction	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential C&I	EE EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings
ier 1	Business	Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc.	C&I	DR	2012	2012 Results Persistence	Current year savings
er 1	Other	Program Enabled Savings	Guelph Hydro Electric Systems Inc.			2012	2012 Results Persistence	Current year savings
DC DC	Business Business	Energy Audit Demand Response 3 - Business	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial & Institutional Commercial & Institutional	EE DR	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings
DC DC	Business	Retrofit - Business	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
OC .	Business Consumer	Direct Install Lighting Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial & Institutional Residential	EE EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings
oc oc	Consumer	Appliance Exchange	Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings
DC DC	Consumer Consumer	Appliance Retirement Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings
DC	Consumer	HVAC Incentives	Guelph Hydro Electric Systems Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
DC DC	Industrial Other	Demand Response 3 - Industrial Program Enabled Savings	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Industrial Other	DR EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings
DC	Consumer	Appliance Retirement	Guelph Hydro Electric Systems Inc.	Residential	EE	2013	2013 Results Persistence	Current year savings
DC DC	Business	Direct Install Lighting	Guelph Hydro Electric Systems Inc.	Commercial Commercial	EE EE	2014 2014	2014 Results Persistence	Current year savings
DC	Business Business	Energy Audit New Construction	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial Commercial	EE	2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings
DC DC	Business Consumer	Retrofit - Business Appliance Exchange	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial Residential	EE EE	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings
OC	Consumer	Appliance Retirement	Guelph Hydro Electric Systems Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
oc oc	Consumer Consumer	Appliance Retirement	Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings
DC	Consumer	Appliance Retirement Appliance Retirement	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	EE	2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings
oc oc	Consumer Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	EE EE	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings
oc	Home Assistance	Home Assistance Program	Guelph Hydro Electric Systems Inc.	Residential	EE	2014	2014 Results Persistence	Current year savings
oc oc	Consumer Other	HVAC Incentives Time of Use Savings	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Other	EE DR	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings
ier 1	Business	Demand Response 3 - Business	Guelph Hydro Electric Systems Inc.	Commercial	DR	2014	2014 Results Persistence	Current year savings
ier 1 ier 1	Consumer Industrial	Residential Demand Response Demand Response 3 - Industrial	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Industrial	DR DR	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings
ier 1 True Up	Business	Retrofit - Business	Guelph Hydro Electric Systems Inc.	C&I	EE	2011	2011 Results Persistence	Adjustment
ier 1 True Up	Business	Direct Install Lighting	Guelph Hydro Electric Systems Inc.	C&I	EE	2011	2011 Results Persistence	Adjustment
ier 1 True Up ier 1 True Up	Pre-2011 Programs Completed in 2011 Consumer	High Performance New Construction HVAC Incentives	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	C&I Residential	EE EE	2011 2011	2011 Results Persistence 2011 Results Persistence	Adjustment Adjustment
ier 1 True Up	Consumer	Bi-Annual Retailer Event	Guelph Hydro Electric Systems Inc.	Residential	EE	2011	2011 Results Persistence	Adjustment
ier 1 True Up DC	Consumer Program Enabled	Conservation Instant Coupon Booklet Program Enabled Savings	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Other	EE EE	2011 2011	2011 Results Persistence 2011 Results Persistence	Adjustment Adjustment
ier 1	Business	Demand Response 3 - Business	Guelph Hydro Electric Systems Inc.	Commercial	DR	2011	2011 Results Persistence	Adjustment
DC	Business	Energy Audit	Guelph Hydro Electric Systems Inc.	Commercial & Institutional	EE	2012	2012 Results Persistence	Adjustment
DC DC	Business Consumer	Retrofit - Business HVAC Incentives	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial & Institutional Residential	EE EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment
DC	Consumer	HVAC Incentives	Guelph Hydro Electric Systems Inc.	Residential	EE	2012	2012 Results Persistence	Adjustment
DC DC	Business Business	Energy Audit Energy Audit	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial Commercial	EE EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment
С	Business	Retrofit - Business	Guelph Hydro Electric Systems Inc.	Commercial	EE	2012	2012 Results Persistence	Adjustment
DC DC	Program Enabled Consumer	Program Enabled Savings HVAC Incentives	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Other Residential	EE EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment
ier 1	Industrial	Energy Manager	Guelph Hydro Electric Systems Inc.	Industrial	EE	2012	2012 Results Persistence	Adjustment
DC DC	Business Business	Energy Audit Energy Audit	Guelph Hydro Electric Systems Inc.	Commercial Commercial	EE EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Adjustment Adjustment
DC	Business	New Construction	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial	EE	2013	2013 Results Persistence	Adjustment
oc oc	Business Consumer	Retrofit - Business Conservation Instant Coupon Booklet	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial Residential	EE EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Adjustment Adjustment
DC	Consumer	HVAC Incentives	Guelph Hydro Electric Systems Inc.	Residential	DR	2013	2013 Results Persistence	Adjustment
er 1	Industrial	Energy Manager	Guelph Hydro Electric Systems Inc.	Industrial	EE	2013	2013 Results Persistence	Adjustment
ier 1 ier 1	Business Consumer	Demand Response 3 - Business Residential Demand Response	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Commercial Residential	DR DR	2009 2007	2011 Results Persistence 2011 Results Persistence	Adjustment Adjustment
ier 1	Consumer	Residential Demand Response	Guelph Hydro Electric Systems Inc.	Residential	DR	2008	2011 Results Persistence	Adjustment
er 1 er 1	Consumer Consumer	Residential Demand Response Residential Demand Response	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.	Residential Residential	DR DR	2009 2010	2011 Results Persistence 2011 Results Persistence	Adjustment Adjustment
er 1	Consumer	Residential Demand Response	Guelph Hydro Electric Systems Inc.	Residential	DR	2011	2011 Results Persistence	Adjustment
	Residential	Save on Energy Coupon Program	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Current year savings
	Residential Residential	Save on Energy Heating and Cooling Program Appliance Retirement Initiative	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Current year savings Current year savings
	Residential	Coupon Initiative	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Current year savings
	Residential Residential	Bi-Annual Retailer Event Initiative HVAC Incentives Initiative	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Current year savings Current year savings
	Commercial and Institutional	Energy Audit Initiative	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Current year savings
	Commercial and Institutional Commercial and Institutional	Efficiency: Equipment Replacement Incentive Initiative Direct Install Lighting and Water Heating Initiative	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Current year savings Current year savings
	Industrial	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Current year savings
	Industrial Low Income	Process and Systems Upgrades Initiatives - Energy Manager Initiative Low Income Initiative	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Current year savings Current year savings
	Residential	Save on Energy Coupon Program	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Adjustment
	Residential	Save on Energy Heating and Cooling Program	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Adjustment
	Residential Business	Save on Energy New Construction Program Save on Energy Retrofit Program	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Adjustment Adjustment
	Business	Save on Energy High Performance New Construction Program	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Adjustment
	Residential Residential	Coupon Initiative HVAC Incentives Initiative	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Adjustment Adjustment
	Commercial and Institutional	Energy Audit Initiative	Guelph Hydro Electric Systems Inc.			2015	2015 Results Persistence	Adjustment
	Commercial and Institutional Commercial and Institutional	Efficiency: Equipment Replacement Incentive Initiative New Construction and Major Renovation Initiative	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2015 2015	2015 Results Persistence 2015 Results Persistence	Adjustment Adjustment
	Residential							
	Medidential	Save on Energy Coupon Program	Guelph Hydro Electric Systems Inc.			2016	2016 Results Persistence	Current year savings Current year savings
	Residential	Save on Energy Heating and Cooling Program	Guelph Hydro Electric Systems Inc.			2016	2016 Results Persistence	
		Save on Energy Heating and Cooling Program Save on Energy Retrofit Program Save on Energy High Performance New Construction Program	Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc. Guelph Hydro Electric Systems Inc.			2016 2016 2016	2016 Results Persistence 2016 Results Persistence 2016 Results Persistence	Current year savings Current year savings



mand and energy savings data by initiative in Columns L to BT of this work form.

25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

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

	<u>. </u>																	
2011		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	2.55 42.57 15.11 10.76 449.80 124.32 0 1.92	2.55 42.57 15.11 10.76 449.80 0 0	2.55 42.57 15.11 10.76 449.80 0 0	1.18 42.00 15.11 10.76 449.80 0	0 29.18 14.05 10.13 449.80 0 0	0 0 12.90 9.44 449.80 0	0 0 10.44 8.00 449.80 0 0	0 0 10.37 7.92 449.80 0 0	0 0 12.57 9.23 449.80 0 0	0 0 5.96 5.28 449.80 0 0	0 0.85 0.63 449.80 0	0 0.85 0.63 449.80 0	0 0.85 0.63 449.80 0	0 0,79 0.61 449.80 0 0	0 0 0.79 0.61 449.80 0	0 0.66 0.58 449.80 0	0 0 0 0 449.80 0 0	449.8
	307.18 312.91 109.52 0 595.53	0 312.91 109.52 0 595.53 1385.38 61.74	0 308.46 109.52 0 595.53 1385.38 61.74	257.10 109.52 0 595.53 1385.38 61.74	0 257.10 109.52 0 595.53 1385.38 61.74	595.53 1385.38 61.74	88.32 109.52 0 595.53 1385.38 61.74	85.93 109.52 0 595.53 1385.38 61.74	85.93 73.55 0 309.97 1385.38 61.74	85.93 73.55 0 309.97 1385.38 61.74	83.63 73.55 0 309.97 1385.38 61.74	83.63 9.52 0 165.78 1385.38 61.74	0 0.00 9.52 0 165.78 1385.38 61.74	0 0.00 9.52 0 165.78 0	0 0.00 9.52 0 165.78 0	0 0.00 9.52 0 165.78 0 36.98	0 0 0 0 0 0 36.98	36.9
	0 1 0 0 0 0 0 0	156.24 1055.06 82.83 3.17 22.82 13.30 2.07 253.10 1.02 1068.79 2304.00	156.24 1048.52 82.83 3.17 22.82 13.30 2.07 253.10 1.02 0 2304.00	153.91 1019.44 82.83 3.17 22.82 13.30 2.07 253.10 1.02 0 2304.00	144.59 841.85 82.83 3.15 22.82 13.30 2.07 253.10 1.02 0 228.00	144.59 841.85 0 0 13.67 12.17 2.06 253.10 1.02 0 228.00	62.41 753.05 0 0 10.30 2.06 253.10 1.02 0 228.00	62.41 745.07 0 0 0 7.71 1.76 253.10 1.02 0 228.00	62.41 745.07 0 0 0 7.68 1.75 253.10 1.02 0 228.00	62.41 736.88 0 0 7.68 1.75 253.10 1.02 0 228.00	62.41 629.16 0 0 0 4.95 1.75 253.10 1.02 0 228.00	61.43 622.93 0 0 0 1.94 0.03 253.10 1.02 0 228.00	61.43 622.93 0 0 0 1.94 0.03 253.10 1.02 0 228.00	0 381.53 0 0 0 1.94 0.03 253.10 0 0 228.00	0 304.83 0 0 0 0 1.90 0.03 253.10 0 0	0 304.83 0 0 0 1.90 0.03 253.10 0 228.00	0 29.36 0 0 1.86 0.03 253.10 0	10.3 0.5 253.1
	0 0	0 0	8.81 1063.95 939.02 104.82 4.64 11.19 14.03 10.63 287.23 3576.49 16.00	8.81 937.68 104.82 4.64 11.19 14.03 10.63 287.23	8.81 937.68 102.83 4.47 11.19 14.03 10.05 287.23	8.81 937.68 98.61 3.83 11.19 13.72 8.06 287.23	896.61 56.55 3.83 0.00 7.40 8.06 287.23	889.11 56.55 3.83 0 0 8.06 287.23	889.11 56.55 3.83 0 0 8.06 287.23	889.09 56.55 3.83 0 0 8.04 287.23	866.30 56.55 2.86 0 0 6.91 287.23	811.62 56.55 2.86 0 0 6.91 287.23	744.38 56.51 2.30 0 0 5.02 287.23	744.21 43.38 2.30 0 0 3.24 287.23	629.44 0 2.30 0 0 3.24 287.23	626.84 0 2.30 0 0 3.18 287.23	626.84 0 2.30 0 0 3.18 287.23	510.66 (2.29 ((3.14 287.23
	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.01 0 0 0 0 0 0 0 0	107.88 53.47 2.02 1106.59 13.88 0.35 0.71 4.81 7.38 72.26	0.01 105.69 53.47 2.02 1100.94 13.88 0.35 0.71 4.81 7.38 63.07 19.23	102.07 53.47 2.02 1100.94 13.88 0.35 0.71 4.81 7.38 58.29	0.00 66.08 53.47 2.02 1082.47 13.88 0 0.71 4.81 7.38 58.29 18.65	0 66.08 0 2.02 1078.70 0 0 0 0 7.38 58.29	0 66.08 0 2.02 1078.70 0 0 0 0 58.29 18.65	0 66.08 0 2.02 1059.04 0 0 0 0 58.29 18.65	0 66.08 0 2.02 1059.04 0 0 0 0 0 58.24 17.84	0 66.08 0 2.02 1020.29 0 0 0 0 0 58.24	0 66.08 0 2.02 937.00 0 0 0 0 54.37 15.78	0 65.64 0 2.02 844.22 0 0 0 0 0 49.48	0 24.45 0 2.02 832.30 0 0 0 0 0 41.92 11.45	0 0 0 2.02 731.08 0 0 0 0 41.92	0 0 0 2.02 703.62 0 0 0 0 0 41.71 11.43	0 0 2.02 703.62 0 0 0 0 41.71 11.43
	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	1.42 350.75 688.42 1203.66 60.01 3686.43	1.37 350.75 0 0 0 0	1.23 350.75 0 0 0 0	1.17 350.75 0 0 0 0	1.14 350.75 0 0 0 0	1.14 350.75 0 0 0 0	1.14 350.75 0 0 0 0	1.14 350.75 0 0 0 0 0	0.54 350.75 0 0 0 0	0.41 350.75 0 0 0 0	0.41 350.75 0 0 0 0	0.41 350.75 0 0 0 0	0.41 350.75 0 0 0 0	0.41 350.75 0 0 0	350.75 0 0 0 0
	-0.98 -71.27 0.97 0.14	-0.98 -71.27 0.97 0.14 119.48 0	-0.98 -71.27 0.97 0.14 119.48 0	-0.98 -71.27 0.97 0.14 119.48 1.68	-0.98 -71.27 0.97 0.14 119.48 0	-0.98 -71.27 0.89 0.13 119.48	-0.98 -71.27 0.51 0.09 119.48	-0.98 -71.27 0.51 0.09 119.48	-0.98 -71.27 0.51 0.09 119.48	-0.98 -71.27 0.16 0.05 119.48	-0.98 -71.27 0.07 0.01 119.48	-0.98 -71.27 0.07 0.01 119.48	-0.98 -71.27 0.07 0.01 119.48	-0.98 -71.27 0.06 0.01 119.48	-0.98 -71.27 0.06 0.01 119.48	0 -71.27 0.06 0.01 119.48	-71.27 0 0 119.48	-71.27 0 119.48
	0 0 0 0 0 2	32.47 5.96 0.04 0.52 2.76 5.07 2638.80 1.41 0	32.47 5.96 0.04 0.52 2.76 5.07 2638.80 1.41	32.32 5.96 0.04 0.52 2.76 5.07 2638.80 1.41	30.54 5.96 0.04 0.52 2.76 5.07 2638.80 1.41	30.54 5.96 0.04 0 0 5.07 2638.80 1.41	28.54 5.96 0.04 0 0 2.71 2638.80 1.41	28.41 5.96 0.04 0 0 2.71 2638.80 1.41	28.41 5.96 0.04 0 0 2.71 2638.80 1.41	24.27 5.96 0.04 0 0 2.71 2638.80 1.41	23.50 5.96 0.04 0 0 2.71 2638.80 1.41	21.79 5.96 0.04 0 0 2.5 168.30 1.41	21.79 5.96 0.04 0 0 2.5 168.30 1.41	1.45 5.96 0.04 0 0 1.18 168.30 1.41	1.25 5.96 0.04 0 0 1.18 168.30 1.41	1.25 5.96 0.04 0 0 1.18 168.30 1.41	1.25 5.96 0.04 0 0 1.18 168.30 1.41	0.34 5.96 0.04 0 0 1.18 168.30 1.41
	0 0 0 0 0	0 0 0 0 0	0.00584503 1040.585555 1.696128627 282.4656028 0.015 15.43527203 0.177498	0.00584503 1040.585555 1.696128627 281.5579995 0.015 15.43527203 0.177498	0.00584503 1040.585555 1.696128627 281.5579995 0.014 15.43527203 0.177498	0.00584503 1040.585555 1.696128627 281.5579995 0.013 15.43527203 0	0 0 1.696128627 266.1715387 0.013 15.43527203 0	0 0 1.696128627 204.0985951 0.013 15.43527203 0	0 0 1.696128627 204.0985951 0.013 15.43527203 0	204.0985951 0.013	0 0 1.696128627 198.6699208 0.011 15.43527203 0	0 0 1.696128627 183.845078 0.011 15.43527203 0	0 0 1.696128627 166.1811986 0.009 15.43527203 0	166.1811986 0.009	154.4797357 0.009	0 0 1.696128627 152.1633114 0.009 15.43527203 0	152.1633114 0.009	0.009 15.43527203 0.009
	0 0 0 0 0	0 0 0 0	0 0 0 0 0	1.68415 3.162048 22.13434 33.02584 80.10582 53.05215	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
					47.00 124.00 7.00 14.00 24.00 273.00 30 6992.00 23.00 4811.00 5.00 43.00	46.00 124.00 7.00 14.00 24.00 273.00 30 6992.00 4811.00 5.00 37.00	46.00 124.00 7.00 14.00 24.00 273.00 30 6978.00 13.00 4811.00 5.00 36.00	46.00 124.00 7.00 14.00 24.00 273.00 30 6978.00 13.00 4811.00 5.00 35.00	46.00 124.00 4.00 14.00 24.00 273.00 0 6978.00 13.00 4811.00 5.00 35.00	46.00 124.00 0 14.00 24.00 273.00 0 6978.00 13.00 4811.00 5.00 35.00	46.00 124.00 0 14.00 24.00 273.00 0 6895.00 13.00 4811.00 5.00 35.00	46.00 124.00 0 14.00 24.00 273.00 0 6895.00 13.00 4811.00 5.00 35.00	46.00 124.00 0 14.00 24.00 273.00 0 6849.00 4811.00 5.00 26.00	46.00 124.00 0 14.00 24.00 273.00 0 6580.00 13.00 4811.00 5.00 25.00	42.00 124.00 0 13.00 18.00 273.00 0 5867.00 4811.00 0 25.00	42.00 124.00 0 13.00 15.00 273.00 0 5817.00 6.00 4811.00 0 25.00	42.00 124.00 0 13.00 15.00 273.00 0 5616.00 0 4811.00 0 24.00	42.00 124.00 13.00 15.00 273.00 0 5602.00 4811.00 0 24.00
					5.00 18.00 6.00 133.00 14.00 0 6.00 2.00 147.00 21.00	5.00 18.00 6.00 133.00 14.00 0 6.00 2.00 147.00 21.00	5.00 18.00 6.00 133.00 0 6.00 2.00 147.00 21.00	5.00 18.00 6.00 133.00 14.00 0 6.00 2.00 147.00 21.00	5.00 18.00 6.00 133.00 14.00 0 6.00 32.00 147.00 21.00	5.00 18.00 6.00 133.00 0 6.00 32.00 147.00 21.00	5.00 18.00 6.00 129.00 14.00 0 6.00 32.00 135.00 21.00	5.00 18.00 6.00 129.00 14.00 0 6.00 32.00 135.00 21.00	5.00 18.00 6.00 129.00 14.00 0 6.00 32.00 135.00 21.00	5.00 18.00 6.00 117.00 0 6.00 32.00 84.00 21.00	5.00 18.00 6.00 40.00 14.00 0 6.00 32.00 34.00 21.00	5.00 18.00 6.00 33.00 14.00 0 6.00 32.00 26.00 21.00	5.00 18.00 6.00 30.00 14.00 0 6.00 32.00 13.00 21.00	5.00 18.00 6.00 30.00 14.00 0 6.00 23.00 21.00
					0 0 0 0	243.00 392.00 558.00 20.00	243.00 392.00 541.00 20.00	243.00 392.00 541.00 20.00	243.00 392.00 541.00 20.00	243.00 392.00 541.00 20.00	243.00 392.00 534.00 20.00	243.00 392.00 534.00 20.00	243.00 392.00 534.00 20.00	243.00 392.00 533.00 20.00	242.00 392.00 533.00 20.00	233.00 392.00 532.00 20.00	233.00 392.00 381.00 20.00	233.00 392.00 141.00 20.00

											#1 Net Verified Annual Energy Savings at the End-User Level (kWh)									
2029	2030	2031	2032	2033	2034	2035	2036	2037	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
0 0 0 0 395.76 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0	0 0 0 0 0 0 0 0	0 0	0 0 0 0 0 0 0	3328.37 312750.37 263995.35 171748.28 861567.41 0	3328.37 312750.37 263995.35 171748.28 861567.41	312750.37 263995.35 171748.28 861567.41 0	2100.64 312244.16 263995.35 171748.28 861567.41 0	0 221957.76 241272.31 158144.46 861567.41 0	0 0 216448.34 143282.87 861567.41 0	0 0 163188.25 112050.65 861567.41 0	0 0 162592.95 111345.73 861567.41 0	0 0 210139.96 139811.15 861567.41 0	0 0 67432.08 54374.88 861567.41 0
0 0 0 0 0 0 0 36.98	0 0 0 0 0 0 0 36.98	0 0 0 0 0 0 0 0 36.98	0 0 0 0 0 0 0 36.98	0 0 0 0 0 0 0 36.98	0 0 0 0 0 0	0 0 0 0 0 0 0 36.98	0 0 0 0 0	0 0 0 0 0 0 0	0 0	0	U U 11993.24 778994.69 549202.27 0 3704026.79 7431465.68 317090.64	778994.69 549202.27 0 3704026.79 7431465.68 317090.64	0 766799.80 549202.27 0 3704026.79 7431465.68	0 0 615128.83 549202.27 0 3704026.79 7431465.68 317090.64	0 0 615128.83 549202.27 0 3704026.79 7431465.68 317090.64	0 0 615128.83 549202.27 0 3704026.79 7431465.68 317090.64	0 0 217876.73 549202.27 0 3704026.79 7431465.68 317090.64	0 0 216084.76 549202.27 0 3704026.79 7431465.68 317090.64	0 0 216084.76 401595.73 0 1738512.10 7431465.68 317090.64	0 0 216084.76 401595.73 0 1738512.10 7431465.68 317090.64
0 10.37 0 0 0 0.52 0 253.10	0 10.37 0 0 0 0.52 0 215.64	0 10.37 0 0 0 0.52 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	553505.78 5028198.93 402820.07 5638.54	553505.78 5006769.54 402820.07 5638.54 167643.23 240586.82 12560.41 449782.71 983.47	543661.75 4911771.98 402820.07 5638.54 167643.23 240586.82 12560.41 449782.71 983.47	506591.29 4331063.47 402820.07 5621.47 167643.23 240586.82 12560.41 449782.71 983.47	506591.29 4331063.47 0 0 103947.15 216272.24 12371.71 449782.71 983.47	215934.85 4039116.88 0 0 0 175860.22 12371.71 449782.71 983.47	215934.85 3990373.26 0 0 0 119954.71 5825.80 449782.71 983.47	215934.85 3990373.26 0 0 0 119705.36 5793.64 449782.71 983.47	215934.85 3932828.05 0 0 119705.36 5793.64 449782.71 983.47
28.01 0 2.22 0 0 2.71 287.23	26.70 0 1.31 0 0 1.59 287.23	26.70 0 1.31 0 0 1.59 235.59	26.70 0 1.31 0 0 1.59	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0	1188362.00	1188362.00 48450.77 14560.09 6406518.56 361892.34 69239.15 19949.75 88206.46	48450.77 6402307.32 361892.34 69239.15 19949.75 88206.46 154331.02 503633.12	48450.77 6402307.32 354527.15 66570.96 19949.75 88206.46 145032.21 503633.12	1188362.00 48450.77 6402307.32 338742.97 56399.34 19949.75 87898.83 113297.71 503633.12	6274013.95 199247.75 56399.34 0 50376.16 113297.71 503633.12	6232245.79 199247.75 56399.34 0 0 113297.71 503633.12	6232245.79 199247.75 56399.34 0 0 113297.71 503633.12	6230027.06 199247.75 56352.34 0 0 113164.20 503633.12
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233.00 392.00 141.00 20.00 0	203.00 392.00 68.00 20.00	203.00 392.00 0 16.00	90.00 392.00 0 14.00	0 5.00	0	0		0 0 0 0	0	0 0 0 0 0 0 0 0 0					0 0 0 0	3738398.00 1333152.00 3301403.00 98558.00 708.00	3738398.00 1333152.00 3223236.00 98558.00 708.00	3738398.00 1333152.00 3223236.00 98558.00 708.00	3738398.00 1333152.00 3223236.00 98558.00 708.00	3738398.00 1333152.00 3223236.00 98558.00 708.00

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
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17181.73 861567.41 0 0	14070.17 861567.41 0 0	14070.17 861567.41 0 0	12955.12 861567.41 0 0	12955.12 861567.41 0 0	12600.40 861567.41 0 0	0 861567.41 0 0	0 861567.41 0 0	0 813237.52 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0		0 0 0 0 0 0	0 0 0	0 0 0	0 0 0 0
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317090.64 215934.85 3288699.37	317090.64 206291.76 3100009.57	317090.64 206291.76 3096044.02	317090.64 0 1706741.72	317090.64 0 1456170.61	189946.39 0 1456170.61	189946.39 0 67071.08	189946.39 0 23152.30	189946.39 0 23152.30	189946.39 0 23152.30	189946.39 0 23152.30	189946.39 0	189946.39 0	189946.39 0	189946.39 0 0		0 0	0	0	0 0
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6157801.40 199247.75	5853321.73 199247.75	5437253.99 198871.12	5418857.49 145485.49	4796744.44 0	4788608.59 0	4788608.59 0	3866578.82 0	67461.13 0	64631.55 0	64631.55 0	64631.55 0	0	0	0		0 0	0	0	0 0
40977.62 0 0 95164.51	40977.62 0 0 95164.51	37258.74 0 0 82808.48	36728.16 0 0 53237.85	36728.16 0 0 53237.85	36577.18 0 0 50428.31	36577.18 0 0 50428.31	36546.22 0 0 50067.55	35416.90 0 0 43216.71	20788.93 0 0 25367.23	20788.93 0 0 25367.23	20788.93 0 0 25367.23	0 0 0	0 0 0	0 0 0		0 0	0 0 0	0 0 0	0 0 0
503633.12 96000.00	503633.12	503633.12	503633.12	457454.88 0	0	0	0	0		0	0	0	0						
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20615.87 7031098.46 0	20615.87 6374779.81 0	20615.87 5814475.39 0	20615.87 4976207.37 0	20615.87 4420227.15 0	20615.87 3747508.94 0	20615.87 3651348.84 0	20615.87 3651348.84 0	0 2861062.72 0	0 105261.26 0	0 105261.26 0	0 105261.26 0	0 105261.26 0	0	0 0		0 0	0	0	0 0 0
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881141.54 232233.73 14958.73	881141.54 232233.73 3497.00	819510.59 199389.57 3375.00	796720.36 184710.70 3375.00	673713.39 180090.38 3375.00	673713.39 180090.38 3375.00	664065.88 179030.31 3375.00	664065.88 179030.31 0	663127.04 178664.78 0	539078.72 79870.17 0	539078.72 79870.17 0	539078.72 79870.17 0	539078.72 79870.17 0	0 0	0 0		0 0	0	0 0 0	0 0 0
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-100859.3912 -134078.4918 1783.061054	-100859.3912 -134078.4918 1637.388391	-100859.3912 -134078.4918 1637.388391	-100859.3912 -134078.4918 1358.790185	-100859.3912 -134078.4918 1358.790185	0 -134078.4918 1357.156262	0 -134078.4918 0	-134078.4918 0	0 -124501.999 0	0 0	0 0	0 0	0 0	0 0	0 0		0 0	0	0 0	0 0 0
221.7540174 449226 0	161.3486545 449226 0	161.3486545 449226 0	144.8061206 449226 0	144.8061206 449226 0	143.352347 449226 0	0 449226 0	0 449226 0	0 449226 0	0 449226 0	0 0	0	0 0	0 0	0 0		0 0	0	0 0	0
133626.46 12282.75 74.56	117034.38 12282.75 74.56	117034.38 12282.75 74.56	4868.50 12282.75 74.56	4144.50 12282.75 74.56	4144.50 12282.75 74.56	4144.50 12282.75 74.56	1134.35 12282.75 74.56	0 12282.75 74.56	0 11587.66 69.40	0 0	0	0	0	0 0		0 0	0		0 0
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146.00 27298.63 0	146.00 27298.63 0	139.00 27298.63 0	139.00 27298.63 0	139.00 27298.63 0	139.00 27298.63 0	139.00 27298.63 0	139.00 27298.63 0	73.00 27298.63 0	73.00 27298.63 0	73.00 25017.06 0	73.00 0 0	0 0	0 0	0 0			0	0	0
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728461.00 240796.00 0	727998.00 240796.00 0	727998.00 240796.00 0	727998.00 240796.00 0	686316.00 240796.00 0	683755.00 240796.00 0	683755.00 240796.00 0	667616.00 240796.00 0	667616.00 240796.00 0	665908.00 240796.00 0	178775.00 240796.00 0	178775.00 240796.00 0	178775.00 234665.00 0	178775.00 0 0	0 0 0		0	0	0 0 0	
220890.00 316563.00 515733.00 0	220841.00 316552.00 515733.00 0	220841.00 316552.00 515733.00 0	220841.00 316552.00 515733.00 0	200852.00 280141.00 515733.00 0	199813.00 243611.00 515733.00 0	199813.00 243611.00 515733.00 0	199290.00 243548.00 515733.00 0	199290.00 243548.00 515733.00 0	199207.00 243540.00 515733.00 0	80605.00 155519.00 515733.00 0	80605.00 155519.00 515733.00 0	80605.00 155519.00 489315.00 0	80605.00 155519.00 0.00	0 0 0		0	0 0 0	0 0 0	0 0 0
13571889.00 57881.00 42147864.00	13571889.00 57881.00 42147864.00	13180751.00 57881.00 42147864.00	11739120.00 57881.00 42147864.00	7354273.00 56142.00 42147864.00	6492122.00 23701.00 42147864.00	5132329.00 0 42147864.00	5086429.00 0 42147864.00	5086429.00 0 42147864.00	3540659.00 0 42147864.00	174509.00 0	174509.00 0 42147864.00	174509.00 0 42147864.00	174509.00 0 42147864.00	0 0		0 0	0	0 0	0 0 0
17239.00 372886.00 82963.00	17239.00 372886.00 82911.00	17239.00 205499.00 82911.00	17239.00 204696.00 82911.00	0 199041.00 78111.00	0 190416.00 77986.00	0 189415.00 77986.00	0 189415.00 77602.00	0 12992.00 77602.00	9466.00 77445.00	9466.00 44518.00	9466.00 44518.00	9466.00 44518.00	9466.00 44518.00	0 9466.00 0		0	0	0 0	0
35577.00 30500.00 657255.00	35577.00 30500.00 657255.00	35577.00 30500.00 657002.00	35577.00 30500.00 602046.00	35577.00 30500.00 311177.00	35577.00 30500.00 287603.00	35577.00 30500.00 274302.00	35577.00 30500.00 274302.00	35577.00 30500.00 274302.00	35577.00 30500.00 188863.00	35577.00 15410.00 0	35577.00 0 0	34814.00 0 0	0 0 0	0 0 0	(0 0	0 0 0	0 0 0	0 0 0
122249.00 5303.00 12605.00 152133.00	122249.00 5303.00 12605.00 152133.00	122249.00 5303.00 12605.00 152133.00	122249.00 5303.00 12605.00 152133.00	122249.00 5315.00 12605.00 152133.00	122249.00 5315.00 12605.00 152133.00	122249.00 5315.00 12605.00 152133.00	122249.00 5315.00 12605.00 106493.00	122249.00 5315.00 12605.00 0	122249.00 5315.00 12605.00 0	71099.00 3125.00 12605.00 0	42414.00 3125.00 12605.00 0	14398.00 3125.00 12249.00 0	0 3125.00 0 0	0 0 0		0	0 0 0	-	0 0 0 0
932984.00 92866.00	932984.00 92866.00	924392.00 92866.00	608291.00 92866.00	295002.00 92866.00	261259.00 92866.00	177381.00 92866.00	177381.00 92866.00	177381.00 40296.00	136728.00	0	0	0	0	0		0 0	0	0	0 0
3738398.00 1333152.00 3170753.00 98558.00	3738398.00 1333152.00 3170753.00 98558.00	3737857.00 1333152.00 3170753.00 98558.00	3737857.00 1333152.00 3166559.00 98558.00	3721827.00 1333152.00 3166559.00 98558.00	3677797.00 1333152.00 3157676.00 98558.00	3675586.00 1333152.00 2445046.00 98558.00	3675586.00 1333152.00 1050805.00 98558.00	3656511.00 1333152.00 1050805.00 98558.00	3171439.00 1333152.00 250903.00 98558.00	3171439.00 1333152.00 0 94317.00	1426787.00 1333152.00 0 91938.00	0 1333152.00 0 31210.00	0 1304118.00 0 0	0 0 0			0	0 0 0	0 0 0
708.00	708.00	708.00	708.00	708.00	708.00	708.00	708.00	708.00	477.00	477.00	477.00	477.00	0	0				0	



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 2.0 (2017)

Instructions

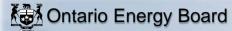
Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Guelph Hydro does not have any 2016 streetlighting projects.

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 6 Filed: August 11, 2017

Appendix 6 Guelph 2016 Approved Revenue Requirement Work Form

(Presented in PDF and Excel format)



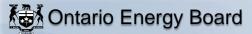


Version 5.00

Utility Name	Guelph Hydro Electric Systems Inc.	
Service Territory		
Assigned EB Number	EB-2015-0073	
Name and Title	Cristina Birceanu, Director of Regulatory Affairs	
Phone Number	519-837-4735	
Email Address	cbirceanu@guelphhydro.com	

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.



1. Info 6. Taxes PILs

2. Table of Contents 7. Cost_of_Capital

3. Data_Input_Sheet 8. Rev_Def_Suff

4. Rate_Base 9. Rev_Reqt

5. Utility Income 10. Tracking Sheet

Notes:

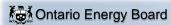
(1) Pale green cells represent inputs

(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.

Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel



Data Input (1)

		Initial Application	(2)	Adjustments	_	Application Update	(6)	Adjustments	Per Board Decision
1	Rate Base								
	Gross Fixed Assets (average) Accumulated Depreciation (average) Allowance for Working Capital:	\$169,552,260 (\$35,695,380)	(5)	(\$245,025) \$17,754		\$ 169,307,235 (\$35,677,626)			\$169,307,235 (\$35,677,626)
	Controllable Expenses Cost of Power	\$16,189,495 \$207,681,446	(0)	(\$829,908) ####################################		\$ 15,359,587 \$ 221,468,688	(0)		\$15,359,587 \$221,468,688
	Working Capital Rate (%)	13.00%	(9)			7.50%	(9)		7.50% (9)
2	Utility Income Operating Revenues:								
	Distribution Revenue at Current Rates Distribution Revenue at Proposed Rates Other Revenue:	\$28,027,320 \$32,112,227		\$133,469 (\$2,583,903)		\$28,160,789 \$29,528,324		\$0 \$0	\$28,160,789 \$29,528,324
	Specific Service Charges Late Payment Charges Other Distribution Revenue	\$426,370 \$120,000 \$610,833		\$0 \$0 \$100,000		\$426,370 \$120,000 \$710,833		\$0 \$0 \$0	\$426,370 \$120,000 \$710,833
	Other Income and Deductions	\$1,049,998		\$0		\$1,049,998		\$0	\$1,049,998
	Total Revenue Offsets	\$2,207,201	(7)	\$100,000		\$2,307,201		\$0	\$2,307,201
	Operating Expenses:								
	OM+A Expenses Depreciation/Amortization Property taxes Other expenses	\$16,404,861 \$5,751,746 \$335,074		(\$1,174,000) (\$6,562) \$ -		\$ 15,230,861 \$ 5,745,184 \$ 335,074			\$15,230,861 \$5,745,184 \$335,074
3	Taxes/PILs								
3	Taxable Income:								
	Adjustments required to arrive at taxable income	(\$2,652,036)	(3)			(\$2,893,294)			(\$2,893,294)
	Utility Income Taxes and Rates: Income taxes (not grossed up)	\$671,671				\$509,044			\$509,044
	Income taxes (grossed up)	\$901,253				\$692,577			\$692,577
	Federal tax (%)	15.00%				15.00%			15.00%
	Provincial tax (%) Income Tax Credits	10.47% (\$197,000)				11.50% (\$199,000)			11.50% (\$199,000)
4	Capitalization/Cost of Capital Capital Structure:								
	Long-term debt Capitalization Ratio (%) Short-term debt Capitalization Ratio (%)	56.0% 4.0%	(8)			56.0% 4.0%	(8)		56.0% 4.0% (8)
	Common Equity Capitalization Ratio (%) Prefered Shares Capitalization Ratio (%)	40.0%				40.0%			40.0%
		100.0%				100.0%			100.0%
	Cost of Capital Long-term debt Cost Rate (%)	5.18%				4.91%			4.91%
	Short-term debt Cost Rate (%)	2.16%				1.65%			1.65%
	Common Equity Cost Rate (%) Prefered Shares Cost Rate (%)	9.30%				9.19%			9.19%

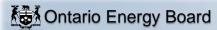
General Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green 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 (%)

 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 colimn M and Adjustments in column I
- (3) (4) (5)
- Net of addbacks and deductions to arrive at taxable income.

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

 Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- 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.
- Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement 4.0% unless an Applicant has proposed or been approved for another amount.
- (7) (8) (9)
 - Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Rate Base and Working Capital

Rate Base

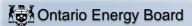
Line	Particulars		Initial	Adjustments	Application Update	Adjustments	Per Board
No.		-	Application		Opuale		Decision
1	Gross Fixed Assets (average)	(3)	\$169,552,260	(\$245,025)	\$169,307,235	\$ -	\$169,307,235
2	Accumulated Depreciation (average)	(3)	(\$35,695,380)	\$17,754	(\$35,677,626)	\$ -	(\$35,677,626)
3	Net Fixed Assets (average)	(3)	\$133,856,880	(\$227,271)	\$133,629,609	\$ -	\$133,629,609
4	Allowance for Working Capital	_(1)	\$29,103,222	(\$11,341,102)	\$17,762,121	\$ -	\$17,762,121
5	Total Rate Base	_	\$162,960,102	(\$11,568,372)	\$151,391,730	<u> \$ -</u>	\$151,391,730

(1) Allowance for Working Capital - Derivation

Controllable Expenses		\$16,189,495	(\$829,908)	\$15,359,587	\$ -	\$15,359,587
Cost of Power		\$207,681,446	\$13,787,243	\$221,468,688	\$ -	\$221,468,688
Working Capital Base		\$223,870,940	\$12,957,335	\$236,828,275	\$ -	\$236,828,275
Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
Working Capital Allowance		\$29,103,222	(\$11,341,102)	\$17,762,121		\$17,762,121

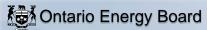
10 Notes

Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%. Average of opening and closing balances for the year.



Utility Income

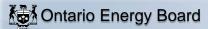
Line No.	Particulars	Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)	\$32,112,227	(\$2,583,903)	\$29,528,324	\$ -	\$29,528,324
2	Other Revenue	(1) \$2,207,201	\$100,000	\$2,307,201	<u> </u>	\$2,307,201
3	Total Operating Revenues	\$34,319,428	(\$2,483,903)	\$31,835,525	<u> </u>	\$31,835,525
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$16,404,861 \$5,751,746 \$335,074 \$- \$-	(\$1,174,000) (\$6,562) \$ - \$ - \$ -	\$15,230,861 \$5,745,184 \$335,074 \$-	\$ - \$ - \$ - \$ - \$ -	\$15,230,861 \$5,745,184 \$335,074 \$-
9	Subtotal (lines 4 to 8)	\$22,491,681	(\$1,180,562)	\$21,311,118	\$ -	\$21,311,118
10	Deemed Interest Expense	\$4,864,378	(\$597,709)	\$4,266,669	<u> </u>	\$4,266,669
11	Total Expenses (lines 9 to 10)	\$27,356,059	(\$1,778,272)	\$25,577,788	\$ -	\$25,577,788
12	Utility income before income taxes	\$6,963,369	(\$705,631)	\$6,257,737	<u> </u>	\$6,257,737
13	Income taxes (grossed-up)	\$901,253	(\$208,676)	\$692,577	\$ -	\$692,577
14	Utility net income	\$6,062,116	(\$496,956)	\$5,565,160	<u> </u>	\$5,565,160
<u>Notes</u>	Other Revenues / Revenues	nue Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions Total Revenue Offsets	\$426,370 \$120,000 \$610,833 \$1,049,998 \$2,207,201	\$ - \$ - \$100,000 \$ - \$100,000	\$426,370 \$120,000 \$710,833 \$1,049,998	\$ - \$ - \$ - \$ -	\$426,370 \$120,000 \$710,833 \$1,049,998



Taxes/PILs

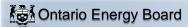
Line No.	Particulars	Application	Application Update	Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	\$6,062,116	\$5,565,160	\$5,565,160
2	Adjustments required to arrive at taxable utility income	(\$2,652,036)	(\$2,893,294)	(\$2,893,294)
3	Taxable income	\$3,410,080	\$2,671,866	\$2,671,866
	Calculation of Utility income Taxes			
4	Income taxes	\$671,671	\$509,044	\$509,044
6	Total taxes	\$671,671	\$509,044	\$509,044
7	Gross-up of Income Taxes	\$229,582	\$183,533	\$183,533
8	Grossed-up Income Taxes	\$901,253	\$692,577	\$692,577
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$901,253	\$692,577	\$692,577
10	Other tax Credits	(\$197,000)	(\$199,000)	(\$199,000)
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	15.00% 10.47% 25.47%	15.00% 11.50% 26.50%	15.00% 11.50% 26.50%

Notes



Capitalization/Cost of Capital

Line No.	Particulars	Capitali	zation Ratio	Cost Rate	Return
		Initial A	Application		
	Debt	(%)	(\$)	(%)	(\$)
1	Long-term Debt	56.00%	\$91,257,657	5.18%	\$4,723,581
2	Short-term Debt	4.00%	\$6,518,404	2.16%	\$140,798
3	Total Debt	60.00%	\$97,776,061	4.98%	\$4,864,378
	Equity	40.000/	ФСБ 4.0.4.0.4.4.	0.000/	©C 000 440
4 5	Common Equity Preferred Shares	40.00% 0.00%	\$65,184,041 \$ -	9.30% 0.00%	\$6,062,116 \$ -
6	Total Equity	40.00%	\$65,184,041	9.30%	\$6,062,116
7	Total	100.00%	\$162,960,102	6.71%	\$10,926,494
		Applica	tion Update		
		(%)	(\$)	(%)	(\$)
1	Debt Long-term Debt	56.00%	\$84,779,369	4.91%	\$4,166,751
2	Short-term Debt	4.00%	\$6,055,669	1.65%	\$99,919
3	Total Debt	60.00%	\$90,835,038	4.70%	\$4,266,669
	Equity				
4	Common Equity	40.00%	\$60,556,692	9.19%	\$5,565,160
5	Preferred Shares	0.00%	\$ -	0.00%	\$-
6	Total Equity	40.00%	\$60,556,692	9.19%	\$5,565,160
7	Total	100.00%	\$151,391,730	6.49%	\$9,831,829
		Per Boa	ard Decision		
	Debt	(%)	(\$)	(%)	(\$)
8	Long-term Debt	56.00%	\$84,779,369	4.91%	\$4,166,751
9	Short-term Debt	4.00%	\$6,055,669	1.65%	\$99,919
10	Total Debt	60.00%	\$90,835,038	4.70%	\$4,266,669
11	Equity Common Equity	40.00%	\$60 EE6 602	9.19%	\$5 565 160
12	Preferred Shares	0.00%	\$60,556,692 \$ -	0.00%	\$5,565,160 \$ -
13	Total Equity	40.00%	\$60,556,692	9.19%	\$5,565,160
14	Total	100.00%	\$151,391,730	6.49%	\$9,831,829
<u>Notes</u>					
(1)			/ filed. For updated revenues, etc., use colimn M and A		

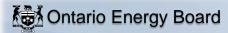


Revenue Deficiency/Sufficiency

		Initial Appli	cation	Application	Update	Per Board Decision			
Line No.	Particulars	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		\$4.084.908		\$1,367,535		\$1,367,535		
2	Distribution Revenue	\$28,027,320	\$28,027,320	\$28,160,789	\$28,160,789	\$28,160,789	\$28,160,789		
3	Other Operating Revenue Offsets - net	\$2,207,201	\$2,207,201	\$2,307,201	\$2,307,201	\$2,307,201	\$2,307,201		
4	Total Revenue	\$30,234,520	\$34,319,428	\$30,467,990	\$31,835,525	\$30,467,990	\$31,835,525		
5	Operating Expenses	\$22,491,681	\$22,491,681	\$21,311,118	\$21,311,118	\$21,311,118	\$21,311,118		
6	Deemed Interest Expense	\$4,864,378	\$4,864,378	\$4,266,669	\$4,266,669	\$4,266,669	\$4,266,669		
8	Total Cost and Expenses	\$27,356,059	\$27,356,059	\$25,577,788	\$25,577,788	\$25,577,788	\$25,577,788		
9	Utility Income Before Income Taxes	\$2,878,461	\$6,963,369	\$4,890,202	\$6,257,737	\$4,890,202	\$6,257,737		
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$2,652,036)	(\$2,652,036)	(\$2,893,294)	(\$2,893,294)	(\$2,893,294)	(\$2,893,294)		
11	Taxable Income	\$226,426	\$4,311,333	\$1,996,908	\$3,364,443	\$1,996,908	\$3,364,443		
12	Income Tax Rate	25.47%	25.47%	26.50%	26.50%	26.50%	26.50%		
13	Income Tax on Taxable Income	\$57,679	\$1,098,253	\$529,181	\$891,577	\$529,181	\$891,577		
14	Income Tax Credits	(\$197,000)	(\$197.000)	(\$199,000)	(\$199,000)	(\$199,000)	(\$199,000)		
15	Utility Net Income	\$3,017,783	\$6,062,116	\$4,560,022	\$5,565,160	\$4,560,022	\$5,565,160		
16	Utility Rate Base	\$162,960,102	\$162,960,102	\$151,391,730	\$151,391,730	\$151,391,730	\$151,391,730		
17	Deemed Equity Portion of Rate Base	\$65,184,041	\$65,184,041	\$60,556,692	\$60,556,692	\$60,556,692	\$60,556,692		
18	Income/(Equity Portion of Rate Base)	4.63%	9.30%	7.53%	9.19%	7.53%	9.19%		
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.19%	9.19%	9.19%	9.19%		
20	Deficiency/Sufficiency in Return on Equity	-4.67%	0.00%	-1.66%	0.00%	-1.66%	0.00%		
21	Indicated Rate of Return	4.84%	6.71%	5.83%	6.49%	5.83%	6.49%		
22	Requested Rate of Return on Rate Base	6.71%	6.71%	6.49%	6.49%	6.49%	6.49%		
23	Deficiency/Sufficiency in Rate of Return	-1.87%	0.00%	-0.66%	0.00%	-0.66%	0.00%		
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$6,062,116 \$3,044,333 \$4,084,908 (1)	\$6,062,116 \$ -	\$5,565,160 \$1,005,138 \$1,367,535 (1)	\$5,565,160 \$ -	\$5,565,160 \$1,005,138 \$1,367,535 (1)	\$5,565,160 \$ -		

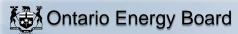
Notes:

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



Revenue Requirement

Line No.	Particulars	Application		Application Update		Per Board Decision	
1 2	OM&A Expenses Amortization/Depreciation	\$16,404,861 \$5,751,746		\$15,230,861 \$5,745,184		\$15,230,861 \$5,745,184	
3	Property Taxes	\$335,074		\$335,074		\$335,074	
5	Income Taxes (Grossed up)	\$901,253		\$692,577		\$692,577	
6	Other Expenses	\$ -		* /-		+ ,-	
7	Return	·					
	Deemed Interest Expense	\$4,864,378		\$4,266,669		\$4,266,669	
	Return on Deemed Equity	\$6,062,116		\$5,565,160		\$5,565,160	
8	Service Revenue Requirement						
	(before Revenues)	\$34,319,428		\$31,835,525		\$31,835,525	
9	Revenue Offsets	\$2,207,201		\$2,307,201		\$2,307,201	
10	Base Revenue Requirement	\$32,112,227		\$29,528,324		\$29,528,324	
	(excluding Tranformer Owership Allowance credit adjustment)						
11	Distribution revenue	\$32,112,227		\$29,528,324		\$29,528,324	
12	Other revenue	\$2,207,201		\$2,307,201		\$2,307,201	
13	Total revenue	\$34,319,428		\$31,835,525		\$31,835,525	
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u> </u>	(1)	<u> </u>	(1)	\$-	(1)
Notes (1)	Line 11 - Line 8						



Tracking Form

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.)

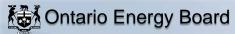
Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

60 Tracking Rows have been provided below. If you require more, please contact Industry Relations @ IndustryRelations @ontarioenergyboard.ca.

Ī			Cost of (Cost of Capital		e and Capital Exp	enditures	Ope	erating Expense	es	Revenue Requirement			
	Reference ⁽¹⁾	Item / Description ⁽²⁾	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	\$ 10,926,494	6.71%	\$ 162,960,102	\$ 223,870,940	\$ 29,103,222	\$ 5,751,746	\$ 901,253	\$ 16,404,861	\$ 34,319,428	\$ 2,207,201	\$ 32,112,227	\$ 4,084,908
1	IR: 2-Energy Probe-16	WCA change from 13% to 7.5% - Lead-Lag Study Change	\$ 10,926,494 \$ -	6.71% 0.00%	. , ,	\$ 223,870,940 \$ -	\$ 16,790,321 -\$ 12,312,902		\$ 736,809 -\$ 164,444	\$ 16,404,861 \$ -	\$ 33,329,403 -\$ 990,025	\$ 2,207,201 \$ -	\$ 31,122,202 -\$ 990,025	
2	IR: 2-Energy Probe-17	RPP and HOEP update to reflect the RPP Report dated April 20,2015, the HO Sub-transmission and Low Voltage rates (EB-2013-0416)	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 739,753	\$ 16,404,861	\$ 33,347,132	\$ 2,207,201	\$ 31,139,932	\$ 3,112,612
		Change	-\$ 810,795	0.00%	\$ 220,528	\$ 2,940,379	\$ 220,528	\$ -	\$ 2,943	\$ -	\$ 17,730	\$ -	\$ 17,730	\$ 17,730
3	IR: 4-Energy Probe-52-a)	CCA 2015 opening balance updated to reflect 2014 year actual	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 726,204	\$ 16,404,861	\$ 33,333,583	\$ 2,207,201	\$ 31,126,383	\$ 3,099,063
		Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	-\$ 13,549	\$ -	-\$ 13,549	\$ -	-\$ 13,549	-\$ 13,549
	IR: 4-Energy Probe-50-a and b), 4-Energy Probe-49,	Correction of 2015 CCA additions Change	\$ 10,115,699 \$ -	6.71% 0.00%	. , ,	\$ 226,811,319 \$ -	\$ 17,010,849 \$ -	\$ 5,751,746 \$ -	\$ 633,726 -\$ 92,477	\$ 16,404,861 \$ -	\$ 33,241,106 -\$ 92,477	\$ 2,207,201 \$ -	\$ 31,033,905 -\$ 92,477	\$ 3,006,586 -\$ 92,477
	IR: 2-Energy Probe-10- a),b),c) and 4-Energy Probe-	Correction of 2015 CCA class from class 45 to class 50 Change	\$ 10,115,699 \$ -	6.71% 0.00%		\$ 226,811,319 \$ -	\$ 17,010,849 \$ -	\$ 5,751,746 \$ -	\$ 621,542 -\$ 12,184	\$ 16,404,861 \$ -	\$ 33,228,922 -\$ 12,184	\$ 2,207,201 \$ -	\$ 31,021,721 -\$ 12,184	+ ,,-
6	IR: 4-Energy Probe-50-d)	Correction of 2015 CCA class from class 50 to class 47 Change	\$ 10,115,699 \$ -	6.71% 0.00%		\$ 226,811,319 \$ -	\$ 17,010,849 \$ -	\$ 5,751,746 \$ -	+ ,	\$ 16,404,861 \$ -	\$ 33,254,076 \$ 25,154	\$ 2,207,201 \$ -	\$ 31,046,875 \$ 25,154	
7	IR: 4-Energy Probe-47	Removal of Small Business tax credit Change	\$ 10,115,699 \$ -	6.71% 0.00%		\$ 226,811,319 \$ -	\$ 17,010,849 \$ -	\$ 5,751,746 \$ -	\$ 705,717 \$ 59,021	\$ 16,404,861 \$ -	\$ 33,313,097 \$ 59,021	\$ 2,207,201 \$ -	\$ 31,105,896 \$ 59,021	\$ 3,078,577 \$ 59,021
	IR: 4-Energy Probe-48-b) and c)	Revised Apprentice Tax calculation Change	\$ 10,115,699 \$ -	6.71% 0.00%		\$ 226,811,319 \$ -	\$ 17,010,849 \$ -	\$ 5,751,746 \$ -	\$ 749,255 \$ 43,537	\$ 16,404,861 \$ -	\$ 33,356,634 \$ 43,537	\$ 2,207,201 \$ -	\$ 31,149,434 \$ 43,537	\$ 3,122,114 \$ 43,537
9	IR: 4-Energy Probe-51-a)	Correction of 2016 CCA class from class 45 to class 50 Change	\$ 10,115,699 \$ -	6.71% 0.00%		\$ 226,811,319 \$ -	\$ 17,010,849 \$ -	\$ 5,751,746 \$ -	\$ 740,295 -\$ 8,960	\$ 16,404,861 \$ -	\$ 33,347,675 -\$ 8,960	\$ 2,207,201 \$ -	\$ 31,140,474 -\$ 8,960	
10	IR: 4-Energy Probe-51-b)	Correction of 2016 CCA class from class 50 to class 47	\$ 10,115,699	6.71% 0.00%		\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 759,359 \$ 19,064	\$ 16,404,861	\$ 33,366,739 \$ 19.064	\$ 2,207,201 \$ -	\$ 31,159,538 \$ 19.064	
,,	ID: 4 Francis Disks (2-s)	Change	Ф 40.445.000			Ф 200 044 040	Ф 47.040.040	Φ		Ф 40 404 004	, ,,,,,	•	, , , , ,	, ,,,,,
11	IR: 1-Energy Probe-3-e)	Control Room Shared Services Revenue of \$100,000 booked in 4215 - Other utility Operating Income for 2016 Test Year	\$ 10,115,699	6.71%	\$ 150,867,729	\$ 226,811,319	\$ 17,010,849	\$ 5,751,746	\$ 759,359	\$ 16,404,861	\$ 33,366,739	\$ 2,307,201	\$ 31,059,538	\$ 3,032,218

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

⁽²⁾ Short description of change, issue, etc.



Tracking Form

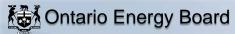
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		Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Op	erating Expens	es		Revenue R	Requirement	
Reference (1)	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	•
	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	-\$ 100,000	-\$ 100,000
JT1.12	Correction of Global Adjustment to reflect the RPP Report dated April 20,2015, the HO Sub-transmission and Low Voltage rates (EB-2013-0416)	\$ 10,161,704	6.71%	\$ 151,553,848	\$ 235,959,576	\$ 17,696,968	\$ 5,751,746	\$ 768,561	\$ 16,404,861	\$ 33,421,945	\$ 2,307,201	\$ 31,114,745	\$ 3,087,425
	Change	\$ 46,004	0.00%	\$ 686,119	\$ 9,148,257	\$ 686,119	\$ 0	\$ 9,202	\$ -	\$ 55,207	\$ -	\$ 55,207	\$ 55,207
JT1.11	Correction of the allocated depreciation in OM&A Change	\$ 10,163,434 \$ 1,730	6.71% 0.00%		\$ 236,303,668 \$ 344,092			\$ 768,907 \$ 346	\$ 16,404,861 \$ -	\$ 33,424,022 \$ 2,076	+ ,,-	\$ 31,116,821 \$ 2,076	
2-SEC-19	Removal of Zigbee chip cost of (gross asset \$35,525 and depreciation \$9,473) recovered from the OPA	\$ 10,161,687		, , ,	\$ 236,303,668	\$ 17,722,775	\$ 5,751,746	\$ 768,558	\$ 16,404,861	\$ 33,421,926	\$ 2,307,201	\$ 31,114,725	\$ 3,087,405
	Change	-\$ 1,747	0.00%	-\$ 26,052	\$ -	\$ -	\$ -	-\$ 349	\$ -	-\$ 2,096	\$ -	-\$ 2,096	-\$ 2,096
Settlement	Load Forecast changed by +14 GWh; Transformer Allowance changed to \$64,558 (8-Staff-58-b-iii)	\$ 10,170,229	6.71%	\$ 151,680,999	\$ 238,002,275	\$ 17,850,171	\$ 5,751,746	\$ 770,267	\$ 16,404,861	\$ 33,432,176	\$ 2,307,201	\$ 31,124,975	\$ 2,964,187
	Change	\$ 8,542	0.00%	\$ 127,396	\$ 1,698,607	\$ 127,396	\$ -	\$ 1,709	\$ -	\$ 10,251	\$ -	\$ 10,251	-\$ 123,219
Settlement	\$500K gross asset (acc. 1808) and corresponding depreciation of \$5K for the new expansion of the building moved from 2015 FA Continuity Schedule to 2016 FA Cont. Schedule	\$ 10,153,969	6.71%	\$ 151,438,499	\$ 238,002,275	\$ 17,850,171	\$ 5,746,746	\$ 765,211	\$ 16,404,861	\$ 33,405,861	\$ 2,307,201	\$ 31,098,661	\$ 2,937,872
	Change	-\$ 16,260	0.00%	-\$ 242,500	\$ -	\$ -	-\$ 5,000	-\$ 5,055	\$ -	-\$ 26,315	\$ -	-\$ 26,315	-\$ 26,315
Settlement	Adjustment of \$2,368.32 to 1860 depreciation for Zigbee Chip recovery	\$ 10,154,049	6.71%	\$ 151,439,683	\$ 238,002,275	\$ 17,850,171	\$ 5,744,378	\$ 764,373	\$ 16,404,861	\$ 33,402,734	\$ 2,307,201	\$ 31,095,534	\$ 2,934,745
	Change	\$ 79	0.00%	\$ 1,184	\$ -	\$ -	-\$ 2,368	-\$ 838	\$ -	-\$ 3,127	\$ -	-\$ 3,127	-\$ 3,127
Settlement	Adjustment to apprentices tax credits following the settlement	\$ 10,154,049	6.71%	\$ 151,439,683	\$ 238,002,275	\$ 17,850,171	\$ 5,744,378	\$ 718,115	\$ 16,404,861	\$ 33,356,476	\$ 2,307,201	\$ 31,049,275	\$ 2,888,486
	Change	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	-\$ 46,259	\$ -	-\$ 46,259	\$ -	-\$ 46,259	-\$ 46,259

⁽²⁾ Short description of change, issue, etc.



Tracking Form

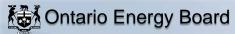
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		Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Ор	erating Expens	es		Revenue R	Requirement	
Reference (1)	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues		Grossed up Revenue Deficiency / Sufficiency
19 Settlement	OPEB adjustment dissalowed portion of \$443K Change	\$ 10,151,821 -\$ 2,228	6.71% 0.00%	. , ,	\$ 237,559,275 -\$ 443,000	. , ,		\$ 717,669 -\$ 446	\$ 15,961,861 -\$ 443,000			\$ 30,603,602 -\$ 445,673	
20 Settlement	OPEB adjustment reallocation to capital of \$81K Change	\$ 10,154,102 \$ 2,281	6.71% 0.00%	\$ 151,440,480 \$ 34,022	\$ 237,478,275 -\$ 81,000				\$ 15,880,861 -\$ 81,000			\$ 30,525,268 -\$ 78,334	
21 Settlement	OM&A adjustment Change	\$ 10,150,834 -\$ 3,269	6.71% 0.00%		\$ 236,828,275 -\$ 650,000			\$ 716,594 -\$ 654				\$ 29,871,345 -\$ 653,923	
22 Settlement	Change in Long Term Debt Rate from 5.18% to 5.13% to reflect the LTD date changed from June 1, 2016 to January 1, 2016	\$ 10,114,410			\$ 236,828,275	\$ 17,762,121	\$ 5,745,184	\$ 716,594	\$ 15,230,861	\$ 32,142,123		\$ 29,834,922	
	Change	-\$ 36,423	-0.02%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 36,423	\$ -	-\$ 36,423	-\$ 36,423
23 Settlement	Changed the Long Term Debt to 4.50% to reflect the Settlement	\$ 10,020,819			\$ 236,828,275	\$ 17,762,121	, ,	\$ 716,594	\$ 15,230,861	\$ 32,048,532			
	Change	-\$ 93,591	-0.06%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 93,591	\$ -	-\$ 93,591	-\$ 93,591
24 Settlement	Changed the Long Term Debt to 4.1546% to reflect the Settlement; changed the ROE to 9.19% and the Deemed ST Debt rate to 1.65% to reflect the OBE's Cost of Capital Parameters	\$ 9,831,829	6.49%	\$ 151,391,730	\$ 236,828,275	\$ 17,762,121	\$ 5,745,184	\$ 692,577	\$ 15,230,861	\$ 31,835,525	\$ 2,307,201	\$ 29,528,324	\$ 1,367,535
	Change	-\$ 188,990	-0.12%	\$ -	\$ -	\$ -	\$ -	-\$ 24,017	\$ -	-\$ 213,007	\$ -	-\$ 213,007	-\$ 213,007
25	Change												
26													
	Change												
27	Change												
28	Change												
	Change												
29	Change												
II		1	ı II				II	•		II	1	•	

⁽²⁾ Short description of change, issue, etc.



Tracking Form

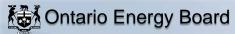
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(2) Short description of change, issue, etc.

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			Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Operating Expenses			Revenue Requirement			
	Reference ⁽¹⁾	Item / Description ⁽²⁾	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	
30		Change												
31		Change												
32		Change												
33		Change												
34		Change												
35		Change												
36		Change												



Tracking Form

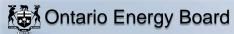
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			Cost of	Capital	Rate Bas	e and Capital Exp	enditures		erating Expense	es	Revenue Requirement			
	Reference ⁽¹⁾	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	Grossed up Revenue Deficiency / Sufficiency
37		Change												
38 39		Change												
40		Change												
41		Change Change												
42		Change												
43		Change												
44 45		Change												
46		Change Change												
47		Change												
48		Change												
49		Change												

⁽²⁾ Short description of change, issue, etc.



Tracking Form

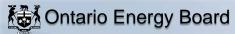
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Ī			Cost of Capital		Rate Bas	e and Capital Exp	enditures	Operating Expenses			Revenue Requirement			
	Reference ⁽¹⁾	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues		
50		Change												
51		Change												
52		Change												
53		Change												

⁽²⁾ Short description of change, issue, etc.



Tracking Form

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			Cost of	Capital	Rate Bas	e and Capital Exp	enditures	Operating Expenses			Revenue Requirement			
	Reference ⁽¹⁾	Item / Description ⁽²⁾	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	
54		Change												
55		Change												
56		Change												
57		Change												
58		Change												
59		Change												
60		Change												

⁽²⁾ Short description of change, issue, etc.

Guelph Hydro Electric Systems Inc. EB-2017-0044 Application Appendix 7 Filed: August 11, 2017

Appendix 7 Guelph Global Adjustment Analysis Work Form

(Presented in PDF and Excel format)

Update from July 20th Workform version:
-Cells C87,D87,E87, H87 - name of cells updated for cell reference
-Cells F88 to F91 and G88 to G91 - formula of

Account 1589 Global Adjustment (GA) Analysis Workform

	Input cells Drop down cells	
lote 1	Year(s) Requested for Disposition	2016

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

Year		2016		
Total Metered excluding WMP	C = A+B	1,668,245,567	kWh	100%
RPP	A	499,477,251	kWh	29.9%
Non RPP	B = D+E	1,168,768,316	kWh	70.1%
Non-RPP Class A	D	419,184,289	kWh	25.1%
Non-RPP Class B*	E	749,584,028	kWh	44.9%

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

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate

GA Billing Rate Description

For billing cycles that span more than one load month, a weighted average Global Adjustment rate is used for billing. First estimate Global A djustment rate was used consistently for billing all non-RPP Class B customers. For RPP accounts with retailer contract, the unbilled revenue was calculated based on historical weighted average GA rate; Please see Tab "5.UBR Retailer Contract"

Note 4 Analysis of Expected GA Amount

Analysis of Expected GA Amount									
Year	2016								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	•	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	58,743,140	55,645,828	48,220,273	51,317,586	0.08423	\$ 4,322,480	0.09179	\$ 4,710,441	\$ 387,961
February	66,960,960	48,220,273	49,525,283	68,265,969	0.10384	\$ 7,088,738	0.09851	\$ 6,724,881	-\$ 363,858
March	63,947,349	49,525,283	56,319,243	70,741,309	0.09022	\$ 6,382,281	0.10610	\$ 7,505,653	\$ 1,123,372
April	61,204,250	56,319,243	51,390,282	56,275,290	0.12115	\$ 6,817,751	0.11132	\$ 6,264,565	-\$ 553,186
May	63,740,323	51,390,282	52,893,172	65,243,213	0.10405	\$ 6,788,556	0.10749	\$ 7,012,993	\$ 224,437
June	63,441,196	52,893,172	52,091,311	62,639,335	0.11650	\$ 7,297,482	0.09545	\$ 5,978,924	-\$ 1,318,558
July	58,315,663	52,091,311	55,366,137	61,590,489	0.07667	\$ 4,722,143	0.08306	\$ 5,115,706	\$ 393,563
August	65,694,760	55,366,137	52,839,624	63,168,247	0.08569	\$ 5,412,887	0.07103	\$ 4,486,841	-\$ 926,047
September	66,705,999	52,839,624	56,270,548	70,136,922	0.07060	\$ 4,951,667	0.09531	\$ 6,684,750	\$ 1,733,083
October	67,194,964	56,270,548	56,697,042	67,621,459	0.09720	\$ 6,572,806	0.11226	\$ 7,591,185	\$ 1,018,379
November	64,741,532	56,697,042	52,958,002	61,002,492	0.12271	\$ 7,485,616	0.11109	\$ 6,776,767	-\$ 708,849
December	63,450,204	52,958,002	57,184,248	67,676,451	0.10594	\$ 7,169,643	0.08708	\$ 5,893,265	-\$ 1,276,378
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	764,140,340	640,216,744	641,755,165	765,678,760		\$ 75,012,051		\$ 74,745,971	-\$ 266,080

2.15% -\$ 1,276,753

Note 5 Reconciling Items

		Amount	(Quantify if it is	
	Applicability of Reconciling		cant reconciling	
Item	Item (Y/N)	w 0.g	item)	Explanation
T.O.I.			,	
Net Change in Principal Balance in the GL (i.e. Transactions in the Yo	ear)	\$	1,010,674	
Remove impacts to GA from prior year RPP Settlement true	· · · · · ·	•	.,,	RPP true-up was done quarterly and Q4 2016 was not included in the 1589 balance (see Tab '3.RPP True-
1a up process that are booked in current year	Υ	\$	4,073.32	up")
Add impacts to GA from current year RPP Settlement true up		Ť	,	RPP true-up was done quarterly and Q4 2016 was not included in the 1589 balance (see Tab '3.RPP True-
1b process that are booked in subsequent year	Υ	\$	54,994.36	up")
2a Remove prior year end unbilled to actual revenue differences				
2b Add current year end unbilled to actual revenue differences				
Remove difference between prior year accrual to forecast				
3a from long term load transfers				
Add difference between current year accrual to forecast from				
3b long term load transfers				
4 Remove GA balances pertaining to Class A customers				
Significant prior period billing adjustments included in current				
year GL balance but would not be included in the billing				
5 consumption used in the GA Analysis				
Differences in GA IESO posted rate and rate charged on				
6 IESO invoice				
	.,			For RPP accounts with retailer contract, the unbilled revenue was calculated based on historical weighted
7 Unbilled revenue differences	Y	-\$	127,042	average GA rate; Please see Tab "5.UBR Retailer Contract"
				The billing cycle is not on a calendar month for most customers; our billing system uses a weighted average
8 Billed GA differences	Υ	-\$		daily rate for applying Global Adjustment to bills
9				
10				
Note 6 Adjusted Net Change in Principal Balance in the GL		\$	59,937	
Net Change in Expected GA Balance in the Year Per Analy	<i>r</i> sis	-\$	266,080	
Unresolved Difference		\$	326,017	
Unresolved Difference as % of Expected GA Payments to	IESO		0.4%	

Note 7 Summary of GA (if multiple years requested for disposition)

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)	Reconciling Items (sum of cells D66 to D78)	Adjusted Net Change in Principal Balance in the GL		Payments to IESO	Unresolved Difference as % of Expected GA Payments to IESO
2016	-\$ 266,080	\$ 1,010,674	-\$ 950,737	\$ 59,937	\$ 326,017	\$ 74,745,971	0.4%
				-	\$ -		0.0%
				-	\$ -		0.0%
				-	\$ -		0.0%
Cumulative Balance	-\$ 266,080	\$ 1,010,674	-\$ 950,737	\$ 59,937	\$ 326,017	\$ 74,745,971.10	N/A

Additional Notes and Comments

Five additional tabs were created to better support the GA analysis: 1.Adjustments, 2. GA Detailed Analysis, 3.RPP True-up, 4.IESO Invoice Analysis, and 5.UBR Retailer Contract

TOTAL ADJUSTMENTS	\$950,736.56
The billing cycle is not on a calendar month for most customers; our billing system uses a weighted average daily rate	\$882,762.09
For accounts with retailer contract, the unbilled revenue was calculated based on historical weighted average GA rate;	127,042.14
RPP true-up was done quaterly - Q4 2016 minus Q4 2015 is (see tab RPP True-up)	59,067.68

UBR= Unbilled Revenue	Class B UBR	GA UBR [kWh]	GA 1st Estimate Rate December	Total GA \$ on 1st Estimate
	2015	55,645,827.81	\$0.11462	\$6,378,124.78
	2016	57,184,248.39	\$0.10594	\$6,058,099.27
	Difference			-\$320,025.51

2016 Global Adjustment Analysis

Input cells				
Allocation Method for Class B RSVA-Global Adjustment.				
IRM Total Metered	1,668,245,567	kWh	100%	remove wmp
IRM RPP	499,477,251	kWh	29.9%	
IRM Non RPP	1,168,768,316	kWh	70.1%	remove WMP
IRM Class A	419,184,289	kWh	25.1%	1
IRM Net Class B	749,584,028	kWh	44.9%	
IRM Net Class B		kWh		•

						Class B (Non RPP	and Non Class A	RSVA GA Analys	sis - Allocation Method			
	Billed Class B Non-					UBR true-up	First Estimate					
	RPP Spot	Actual Month	Previous Month	UBR trued-up	kWh True-up		GA Rate	Actual GA Rate	Retail - Final	Class B Non-RPP	Class B Non-RPP	Est. Variance
	kWh *	Unbilled kWh	Unbilled kWh	kWh		\$	\$/kWh	\$/kWh	\$/kWh	@ 1st Estimate GA	@ Actual GA	Retail less Final
	A	В	C	D=B-C	E=A+B-C	F	G	Н	I=G-H	J=E x G	K=E x H	L=K-J
01-Jan-16	58,743,140	48,220,273	55,645,828	(7,425,554)	51,317,586	(\$2,316,531)	\$0.08423	\$0.09179	(\$0.00756)	\$4,322,480	\$4,710,441	\$387,961
01-Feb-16	66,960,960	49,525,283	48,220,273	1,305,009	68,265,969	\$1,081,112	\$0.10384	\$0.09851	\$0.00533	\$7,088,738	\$6,724,881	(\$363,858)
01-Mar-16	63,947,349	56,319,243	49,525,283	6,793,960	70,741,309	(\$61,583)	\$0.09022	\$0.10610	(\$0.01588)	\$6,382,281	\$7,505,653	\$1,123,372
01-Apr-16	61,204,250	51,390,282	56,319,243	(4,928,960)	56,275,290	\$1,144,811	\$0.12115	\$0.11132	\$0.00983	\$6,817,751	\$6,264,565	(\$553,186)
1-May-16	63,740,323	52,893,172	51,390,282	1,502,889	65,243,213	(\$722,398)	\$0.10405	\$0.10749	(\$0.00344)	\$6,788,556	\$7,012,993	\$224,437
01-Jun-16	63,441,196	52,091,311	52,893,172	(801,861)	62,639,335	\$565,103	\$0.11650	\$0.09545	\$0.02105	\$7,297,482	\$5,978,924	(\$1,318,558)
01-Jul-16	58,315,663	55,366,137	52,091,311	3,274,826	61,590,489	(\$1,823,716)	\$0.07667	\$0.08306	(\$0.00639)	\$4,722,143	\$5,115,706	\$393,563
)1-Aug-16	65,694,760	52,839,624	55,366,137	(2,526,512)	63,168,247	\$282,906	\$0.08569	\$0.07103	\$0.01466	\$5,412,887	\$4,486,841	(\$926,047)
)1-Sep-16	66,705,999	56,270,548	52,839,624	3,430,923	70,136,922	(\$555,127)	\$0.07060	\$0.09531	(\$0.02471)	\$4,951,667	\$6,684,750	\$1,733,083
01-Oct-16	67,194,964	56,697,042	56,270,548	426,494	67,621,459	\$1,538,252	\$0.09720	\$0.11226	(\$0.01506)	\$6,572,806	\$7,591,185	\$1,018,379
1-Nov-16	64,741,532	52,958,002	56,697,042	(3,739,040)	61,002,492	\$987,524	\$0.12271	\$0.11109	\$0.01162	\$7,485,616	\$6,776,767	(\$708,849)
1-Dec-16	63,450,204	57,184,248	52,958,002	4,226,246	67,676,451	(\$440,377)	\$0.10594	\$0.08708	\$0.01886	\$7,169,643	\$5,893,265	(\$1,276,378)
	764,140,340	641,755,165	640,216,744	1,538,421	765,678,760	(320,026)	\$0.09823	\$0.09754	\$0.00069	\$75,012,051	\$74,745,971	(\$266,080)
	·					-\$320,025.51			20	17 IRM Rate Continu	•	\$1,010,672
	1.94%				2.15%						Difference	(\$1,276,752)
						-\$320,025.51				LDC's !	Materiality Threshold	\$161,724

Adjustments - see Tab "Adjustments" (\$950,737)
Difference (\$326,016)

M=N+BxG-(CxH at previous month rate) Billed 1st estimate (query)+UBR true-up		Billed Average Rate	1st estimate
\$4,087,879.77	\$6,404,411	\$0.10902	\$0.08423
\$6,395,060.26	\$5,939,403	\$0.08870	\$0.10384
\$6,562,469.62	\$6,488,541	\$0.10147	\$0.09022
\$7,375,981.77	\$5,618,220	\$0.09179	\$0.12115
\$6,133,695.79	\$7,453,238	\$0.11693	\$0.10405
\$7,441,253.18	\$6,719,774	\$0.10592	\$0.11650
\$4,785,501.16	\$6,702,634	\$0.11494	\$0.07667
\$5,896,334.48	\$5,362,348	\$0.08163	\$0.08569
\$4,880,672.93	\$5,652,297	\$0.08473	\$0.07060
\$6,662,374.18	\$4,881,899	\$0.07265	\$0.09720
\$7,199,440.08	\$6,170,461	\$0.09531	\$0.12271
\$6,708,625.48	\$7,607,820	\$0.11990	\$0.10594
\$74,129,288.71	\$75,001,045	_	
\$882,762.09			

2015	Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
January	41,658,273.20	\$0.06161	\$0.05068	\$2,566,566.21	\$2,111,241.29	-\$455,324.93
February	53,083,884.10	\$0.04095	\$0.03961	\$2,173,785.05	\$2,102,652.65	-\$71,132.40
March	46,675,335.00	\$0.05740	\$0.06290	\$2,679,164.23	\$2,935,878.57	\$256,714.34
Total	141,417,492.30			\$7,419,515.49	\$7,149,772.51	-\$269,742.99
						-\$269,742.99

9,742.99 payment to IESO

payment to IESO

20:	15 Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
April	48,068,961.01	\$0.09268	\$0.09559	\$4,455,031.31	\$4,594,911.98	\$139,880.68
May	32,736,317.48	\$0.09730	\$0.09668	\$3,185,243.69	\$3,164,947.17	-\$20,296.52
June	44,120,112.17	\$0.09768	\$0.09540	\$4,309,652.56	\$4,209,058.70	-\$100,593.86
Total	124,925,390.66			\$11,949,927.55	\$11,968,917.86	\$18,990.30
						\$19 000 30

Payment from IESO

\$18,990.30 Payment from IESO

2015	Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
July	36,617,859.31	\$0.08413	\$0.07883	\$3,080,660.50	\$2,886,585.85	-\$194,074.65
August	40,088,742.42	\$0.07355	\$0.08010	\$2,948,527.00	\$3,211,108.27	\$262,581.26
September	43,143,791.85	\$0.07191	\$0.06703	\$3,102,470.07	\$2,891,928.37	-\$210,541.70
Total	119,850,393.58			\$9,131,657.58	\$8,989,622.48	-\$142,035.10
						6142 02F 10

-\$142,035.10 payment to IESO

2015	Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
October	44,373,273.19	\$0.07193	\$0.07544	\$3,191,769.54	\$3,347,519.73	\$155,750.19
November	41,147,966.78	\$0.12448	\$0.11320	\$5,122,098.90	\$4,657,949.84	-\$464,149.07
December	47,201,238.27	\$0.08809	\$0.09471	\$4,157,957.08	\$4,470,429.28	\$312,472.20
Total	132,722,478.24			\$12,471,825.52	\$12,475,898.85	\$4,073.32

\$4,073.32 Payment from IESO

2016	Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
January	38,668,048.94	\$0.09214	\$0.09179	\$3,562,874.03	\$3,549,340.21	-\$13,533.82
February	46,778,375.45	\$0.09678	\$0.09851	\$4,527,211.18	\$4,608,137.77	\$80,926.59
March	49,604,207.40	\$0.10299	\$0.10610	\$5,108,737.32	\$5,263,006.41	\$154,269.09
Total	135,050,631.79			\$13,198,822.53	\$13,420,484.38	\$221,661.86

\$221,661.86 Payment from IESO

201	16 Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
April	35,380,635.42	\$0.11177	\$0.11132	\$3,954,493.62	\$3,938,572.33	-\$15,921.29
May	43,157,178.94	\$0.11493	\$0.10749	\$4,960,054.58	\$4,638,965.16	-\$321,089.41
June	37,111,774.20	\$0.09360	\$0.09545	\$3,473,662.07	\$3,542,318.85	\$68,656.78
Total	115,649,588.56			\$12,388,210.26	\$12,119,856.35	-\$268,353.91
						4

-\$268,353.91 payment to IESO

2016	Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
July	35,487,171.98	\$0.08412	\$0.08306	\$2,985,180.91	\$2,947,564.50	-\$37,616.40
August	56,554,635.38	\$0.07050	\$0.07103	\$3,987,101.79	\$4,017,075.75	\$29,973.96
September	47,411,688.79	\$0.09148	\$0.09531	\$4,337,221.29	\$4,518,808.06	\$181,586.77
Total	139,453,496.15			\$11,309,503.99	\$11,483,448.31	\$173,944.32
						6172 044 22

\$173,944.32 Payment from IESO

2016	Kwh submitted	Estimated GA Rate	Actual GA Rate	Estimated GA Amount	Actual GA Amount	True-Up
October	40,845,801.13	\$0.11780	\$0.11226	\$4,811,635.37	\$4,585,349.64	-\$226,285.74
November	37,789,022.37	\$0.11500	\$0.11109	\$4,345,737.57	\$4,197,982.50	-\$147,755.08
December	38,163,452.10	\$0.07872	\$0.08708	\$3,004,226.95	\$3,323,273.41	\$319,046.46
Total	116,798,275.60			\$12,161,599.90	\$12,106,605.54	-\$54,994.36

-\$54,994.36 payment to IESO

-\$59,067.68 payment to IESO

2016 Class B GA Rate Comparison								
Month	IESO Invoice 148 Class B GA Rate (less embedded gen)	IESO Invoice 148 Class B GA Rate (incl. embedded gen) IESO Actual G Rate on websi		Difference 1	Difference 2			
	Α	В	C	D = A - C	E = B - C			
Jan-16	0.09202	0.09180	0.09179	0.00023	0.00001			
Feb-16	0.09888	0.09851	0.09851	0.00037	0.00000			
Mar-16	0.10675	0.10609	0.10610	0.00065	-0.00001			
Apr-16	0.11240	0.11133	0.11132	0.00108	0.00001			
May-16	0.10901	0.10749	0.10749	0.00152	0.00000			
Jun-16	0.09703	0.09546	0.09545	0.00158	0.00001			
Jul-16	0.08450	0.08306	0.08306	0.00144	0.00000			
Aug-16	0.07208	0.07103	0.07103	0.00105	0.00000			
Sep-16	0.09674	0.09530	0.09531	0.00143	-0.00001			
Oct-16	0.11370	0.11226	0.11226	0.00144	0.00000			
Nov-16	0.11212	0.11110	0.11109	0.00103	0.00001			
Dec-16	0.08760	0.08708	0.08708	0.00052	0.00000			

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

Guelph Hydro STPP & IESO Invoice GA Calculation										
Month	STPP 148 Detail	STPP 148 Adjustments		STPP Total 148	148 per IESO Invoice	148 Difference	STPP Class B + Embedded Generation [MWh]	IESO Invoice 148 Class B GA Rate	STPP 148 Class B GA Rate	
	Α	В		C = A + B	D	E = D - C	F	G = D/F/1000	H = C/F/1000	
Jan-16	·		\$	10,441,315.59	\$10,441,541.79	\$226.20	·	0.09180	0.09179	
Feb-16	\$ 10,470,843.47	-\$ 1,533.44		10,469,310.03	\$10,469,839.16	\$529.13		0.09851	0.09851	
Mar-16	. , ,	\$ 9,031.40	\$	11,348,098.89	\$11,348,831.43		•	0.10609	0.10609	
Apr-16			\$	11,165,570.77	\$11,168,105.10			0.11133	0.11130	
May-16	, , , , , , , , , , , , , , , , , , ,	-\$ 12,734.98	_	10,816,002.95	\$10,816,900.94	\$897.99	·	0.10749		
Jun-16	<u> </u>	\$ 49,760.57	_	9,996,080.86	\$9,998,037.33	\$1,956.47	104,740.24	0.09546	0.09544	
Jul-16	, ,	\$ 21,124.16	\$	9,402,355.08	\$9,400,925.07	-\$1,430.01	113,183.94	0.08306	0.08307	
Aug-16		\$ 1,228.61	\$	8,669,490.42	\$8,670,008.19	\$517.77	122,058.53	0.07103	0.07103	
Sep-16		-\$ 6,360.21	\$	10,179,560.30	\$10,183,995.03	\$4,434.73		0.09530	0.09526	
Oct-16			\$	11,437,594.96	\$11,438,824.14	\$1,229.18	•	0.11226	0.11225	
Nov-16	\$ 11,522,517.87		\$	11,522,517.87	\$11,522,145.47	-\$372.40	,	0.11110		
Dec-16	\$ 9,536,142.28	-\$ 40.24	\$	9,536,102.04	\$9,539,063.12	\$2,961.08	109,545.66	0.08708	0.08705	
		\$ 60,475.87	\$	124,983,999.76	\$ 124,998,216.77	\$ 14,217.01				
Jan-17	\$ 9,419,115.44		\$	9,419,115.44	\$9,370,013.89	-\$49,101.55	113,873.69	0.08228	0.08272	
Feb-17	\$ 8,684,680.21		\$	8,684,680.21	\$8,684,448.00	-\$232.21	100,524.74	0.08639	0.08639	
Mar-17	\$ 7,951,786.89	-\$ 807.12	\$	7,950,979.77	\$7,951,058.27	\$78.50	111,440.16	0.07135	0.07135	
Apr-17	\$ 10,196,735.74	\$ 111,666.66	\$	10,308,402.40	\$10,308,435.14	\$32.74	95,635.54	0.10779	0.10779	
May-17	\$ 12,205,772.08	\$ 86,854.33	\$	12,292,626.41	\$12,310,432.41	\$17,806.00	100,040.14	0.12305	0.12288	
Jun-17	\$ 14,735,443.56	\$ 1,347,940.55	\$	16,083,384.11	\$16,083,898.42	\$514.31	104,314.12	0.15419	0.15418	
		\$1,545,654.42	2	\$64,739,188.34	\$64,708,286.13	-\$30,902.21				

Month	UBR Customers with Retailer UBR \$		UBR Customers with Retailer UBR kWh estimate		UBR Cust. With Retailer kWh @ 1st estimate		Difference	
		Α	В	С		D = B x C		E = A - D
Dec-15	\$	266,201.40	3,099,819.36	0.11462	\$	355,301.30	\$	89,099.90
Jan-16	\$	306,190.91	2,855,976.55	0.08423	\$	240,558.90	\$	65,632.01
Feb-16	\$	259,289.81	2,920,915.65	0.10384	\$	303,307.88	\$	44,018.07
Mar-16	\$	312,200.57	3,108,500.77	0.09022	\$	280,448.94	\$	31,751.63
Apr-16	\$	239,084.12	2,442,653.23	0.12115	\$	295,927.44	\$	56,843.32
May-16	\$	274,187.15	2,354,201.30	0.10405	\$	244,954.65	\$	29,232.50
Jun-16	69	257,381.19	2,393,032.81	0.1165	65	278,788.32	\$	21,407.13
Jul-16	\$	249,840.78	2,392,270.58	0.07667	\$	183,415.39	\$	66,425.39
Aug-16	69	218,695.63	2,754,083.21	0.08569	(S)	235,997.39	\$	17,301.76
Sep-16	\$	202,659.38	2,477,033.47	0.0706	\$	174,878.56	\$	27,780.82
Oct-16	\$	191,416.83	2,472,764.76	0.0972	\$	240,352.73	\$	48,935.90
Nov-16	\$	262,814.52	2,550,576.18	0.12271	\$	312,981.20	\$	50,166.68
Dec-16	\$	354,514.83	2,988,225.27	0.10594	\$	316,572.59	\$	37,942.24
T-4-1							_	00 000 47

Total -\$ 69,008.17

Add: Dec 2016 \$ 37,942.24 Less: Dec 2015 -\$ 89,099.90

\$ 127,042.14

True-up @ True-up @

average 1st Estimate Diff.

\$ 88,313.43 -\$ 38,728.71 \$ 127,042.14