

September 25, 2017

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
P.O. Box 2319  
2300 Yonge Street, 27<sup>th</sup> Floor  
Toronto, ON M4P 1E4

Dear Ms Walli:

**Re: Welland Hydro-Electric System Corp.  
2018 Incentive Rate-Setting Application  
EB-2017-0081**

Please find enclosed two hard copies of Welland Hydro's 2018 Incentive Rate Mechanism (IRM) Electricity Distribution Rate Application – EB-2017-0081.

An electronic copy of the Application has been filed using the OEB's Regulatory Electronic Submission System (RESS).

Yours very truly,



Jennifer Dionne  
Senior Accountant  
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## **ONTARIO ENERGY BOARD**

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

**AND IN THE MATTER OF** an Application by Welland  
Hydro-Electric System Corp. for an Order or Orders pursuant  
to Section 78 of the Ontario Energy Board Act, 1998  
approving or fixing just and reasonable rates and other  
service charges for the distribution of electricity.

### **Application**

1. The applicant is Welland Hydro-Electric System Corp. (“Welland Hydro” or the “Applicant”). The Applicant is a corporation incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Welland. The Applicant carries on the business of distributing electricity within the City of Welland, Ontario; Electricity Distribution Licence #ED-2003-0002.
2. Welland Hydro hereby applies to the Ontario Energy Board (the “Board” or the “OEB”), pursuant to section 78 of the Ontario Energy Board Act, 1998 as amended (the “OEB Act”) for an Order or Orders approving its proposed electricity distribution rates and other charges, effective May 1, 2018.
3. Effective May 1, 2017 in the matter of EB-2016-0110, the Board approved electricity distribution rates for Welland Hydro’s electricity distribution customers.

4. The Ontario Energy Board issued file number EB-2017-0081 to Welland Hydro for the 2018 Incentive Rate-Setting (“Price Cap IR”) application.
5. This Application for Electricity Distribution Rates effective May 1, 2018 is comprised of the following:
  - The Manager’s Summary
  - Appendix “A” - Certification of Evidence
  - Appendix “B” - Current Tariff of Rates and Charges
  - Appendix “C” - Proposed Tariff of Rates and Charges
  - Appendix “D” - 2018 IRM Rate Generator Model
  - Appendix “E” - Bill Impact Sheets
  - Appendix “F” – Global Adjustment Workform
6. Upon receipt of the Letter of Direction from the Board, Welland Hydro will arrange to have the Notice of Application and Hearing posted in the Tribune, an English language newspaper having the largest daily circulation of approximately 7,000 (26,500 on Thursdays) according to the best information available. Should the Board provide a French language version; a second publication will appear in Le Regional which is a French weekly newspaper serving Welland and the Niagara Region with a circulation of approximately 7,000 according to the best information available.
7. Welland Hydro requests that this Application be disposed of by way of a written hearing.

**All of Which is Respectfully Submitted**

Welland Hydro's contact information for this Application is as follows:

The Applicant:

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Senior Accountant  
Welland Hydro-Electric System Corp.

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Email Address: [jdionne@wellandhydro.com](mailto:jdionne@wellandhydro.com)

DATED at Welland, Ontario this 25nd day of September, 2017

Welland Hydro-Electric System Corp.

Jennifer Dionne  
Senior Accountant



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Appendix D	2018 IRM Rate Generator Model
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## **1 Introduction**

Welland Hydro-Electric System Corp. (Welland Hydro) hereby applies to the Ontario Energy Board (the Board) for approval of its 2018 Distribution Rate Adjustments, effective May 1, 2018, based on Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications (EDR)* last revised on July 20, 2017.

Welland Hydro's current electricity distribution rates, effective May 1, 2017 were determined in the 2017 Cost of Service filing (EB-2016-0110) and can be found in Appendix B to this Application.

Welland Hydro has chosen to file its 2018 Distribution Rate Application under the Price Cap Incentive Rate adjustment option.

Welland Hydro has used the Board's 2018 IRM Rate Generator Model and Global Adjustment Analysis work form in the preparation of this filing, and it confirms the accuracy of the 2016 billing determinants and Trial Balance for prepopulated models.

## **Relief Sought**

Welland Hydro applies for an Order or Orders approving the proposed Tariff of Rates and Charges set out in Appendix C to this Application as just and reasonable rates and charges pursuant to section 78 of the OEB Act, to be effective May 1, 2018

## **Form of Hearing Requested**

Welland Hydro requests that this Application be disposed of by way of a written hearing.

DATED at Welland, Ontario, this 25<sup>th</sup> day of September, 2017.

**All of which is respectfully submitted,**

**WELLAND HYDRO-ELECTRIC SYSTEMS CORP**

Jennifer Dionne

Senior Accountant

## 1.1 Certification of Evidence

Chapter 1 of the Filing requirements for Electricity Distribution Rate Applications requires distributors to include certification by a senior officer that the evidence filed is accurate, consistent and complete. Welland Hydro has provided this certification in Appendix A attached.

## 1.2 Requested Rate Adjustments

The 2018 proposed rate adjustments include:

- An adjustment of Retail Transmission Service Rates (RTSRs) 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").
- A Rate Rider for Disposition of Deferral and Variance Accounts (excluding 1568 LRAMVA) effective until April 30, 2019. Welland 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 April 30, 2019. Welland Hydro is seeking the Board's approval for a one-year disposition period. In addition, Welland Hydro is seeking approval of 12 equal monthly payments for the contribution of one former Class B customer to the Global Adjustment balance.
- A Rate Rider for Capacity Based Recovery (CBR) disposition applicable only for Class B customers effective until April 30, 2019. Welland Hydro is seeking the Board's approval for a one-year disposition period. In addition, Welland Hydro is seeking approval of 12 equal monthly payments for the contribution of one former Class B customer to the CBR balance.

**1.3 Statement of publication of applicant's notice**

This application, as submitted, will affect all of Welland Hydro's customers. Upon receipt of the Letter of Direction from the Board, Welland Hydro will have the Notice of Application and Hearing posted in the Tribune, an English language newspaper having the largest daily circulation of approximately 7,000 (26,500 on Thursdays) according to the best information available. Should the Board provide a French language version, a second publication will appear in Le Regional which is a French weekly newspaper serving Welland and the Niagara Region with a circulation of approximately 7,000 according to the best information available.

The Internet address for application viewing purposes is Welland Hydro's website [www.wellandhydro.com](http://www.wellandhydro.com) Online Resources section and the primary contact is:

Perry Orosz

Director of Customer Service and Employee Relations

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## **2 Distributor Profile Summary**

Welland Hydro-Electric System Corp. (“Welland Hydro” or “WHESC”) is located in the Niagara Peninsula and incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Welland. The Corporation owns and operates electricity distribution infrastructure serving approximately 23,000 residential and commercial customers in the City of Welland. The business of Welland Hydro is regulated by the OEB under the Ontario Energy Board Act, 1998 (Ontario). Welland Hydro-Electric System Corp. is 100 percent owned by its shareholder (Welland Hydro-Electric Holding Corp.) which is 100 percent owned by its shareholder (the City of Welland).

Welland Hydro receives electricity from the provincial electricity grid and transports it safely and reliably across a distribution network covering a service territory of 81 square kilometers. WHESC’s distribution equipment includes 13 substations, 338 kilometers of overhead lines, 142 kilometers of underground cable, over 2,300 transformers and over 8,000 poles.

## **3 Details for Welland Hydro’s Electricity Distribution Rate Application**

### **3.1 Schedule of Current and Proposed Rates and Charges**

Welland Hydro has completed the 2018 Rate Generator Model which is prepopulated with the distributor’s most recent tariff of rates and charges, load and customer data, and Group 1 balances as reported through RRR reporting. Welland Hydro can confirm that this information as populated in the rate generator model submitted in this application is accurate.

Welland Hydro confirms that it has not diverged from the Board’s rate generator model.

## Current Tariff of Rates and Charges

Welland Hydro's current Tariff of Rates and Charges approved in the 2017 Cost of Service (EB-2016-0110) can be found in Appendix B.

## Proposed Rates and Charges

Welland Hydro's proposed Tariff of Rates and Charges can be found in Appendix C attached and are the outputs of the 2018 IRM Generator Model Version 1.1 (September 8<sup>th</sup> update). Bill impacts by customer class as included in Appendix E attached. Table 1 below identifies the monthly total bill impacts for all customer classes.

Table 1 – Bill Impacts

Customer Class	Average Monthly Volume		Total Bill Charges			
	kWh	kW	Current	Proposed	\$	%
Residential	750		\$111.35	\$111.81	\$0.46	0.41%
General Service Less Than 50 kW	2,000		\$279.93	\$281.33	\$1.41	0.50%
GS 50 to 4,999 kW	32,400	60	\$5,497.27	\$5,159.37	-\$337.89	-6.15%
Unmetered Scattered Load	150		\$31.34	\$31.68	\$0.34	1.08%
Sentinel Lighting	120	0.3	\$21.66	\$21.91	\$0.25	1.16%
Street Lighting	16	0.044	\$3.56	\$3.42	-\$0.15	-3.97%

Section 3.2.3 of the filing requirements states that distributors must file a mitigation plan if total bill increases for any customer class exceeds 10%. As shown in Table 1, no bill impacts are greater than 10% and therefore Welland Hydro is not including a mitigation plan in this Application.

## 3.2 Price Cap Adjustment

### 3.2.1 Annual Adjustment Mechanism

Welland Hydro is submitting a price cap adjustment of 1.75% (2017 rate setting parameters) as stipulated in Chapter 3 of the Board's Filing Requirements for Distribution Applications, dated July 20, 2017. This is based on the current default metrics; an inflation

factor of 1.9%, a productivity factor of 0.00%, and a stretch factor of 0.15% (representing Stretch Factor Group II). Welland Hydro acknowledges that the Board will update Welland Hydro's 2018 IRM Application once the final parameters are determined. The calculation of the price cap adjustment is shown in Tab 16 of the 2018 IRM Rate Generator Model.

### **3.2.1.1 Application of the Annual Adjustment Mechanism**

Welland Hydro has not applied the price cap index to the following components of delivery rates:

- Rate Adders
- Rate Riders
- Low Voltage Service Charges
- Retail Transmission Service Rates
- Wholesale Market Service Rate
- Rural and Remote Rate Protection Benefit and Charge
- Standard Supply Service – Administrative Charge
- Capacity Based Recovery
- MicroFIT Service Charge
- Specific Service Charges
- Transformation and Primary Metering Allowances
- Smart Meter Entity Charge

### **3.2.2 Revenue-to-cost Ratio Adjustments**

Welland Hydro is not requesting any revenue-to cost ratio adjustments in this application.

### **3.2.3 Rate Design for Residential Electricity Customers**

On April 2, 2015, the OEB released its Board Policy: A New Distribution Rate Design for Residential Electricity Consumers (EB-2014-0210), which stated that electricity



1 distributors will transition to a fully fixed monthly distribution service charge for residential  
2 customers over a four-year period beginning in 2016.

3 In this Application, Welland Hydro has followed the approach set out in Tab 16.  
4 Rev2Cost\_GDPIPI of the 2018 rate generator model. This tab computes the incremental  
5 changes between fixed and variable charges for the residential class using the 2017 Cost  
6 of Service Billing Determinants (customers, billed kWh) and the current fixed to variable  
7 split. The fixed to variable ratio increases from 82.1% fixed and 17.9% variable in 2017  
8 to 91.1% fixed and 8.9% variable in 2018.

9 The OEB has established two thresholds which could either extend the transition period  
10 to greater than four years or result in possible rate mitigation. The first threshold is that  
11 the increase in the monthly service charge should not exceed more than \$4 per month.  
12 Welland Hydro is below the threshold as the proposed increase in the monthly service  
13 charge is \$2.85. This represents the difference between the current 2017 monthly service  
14 charge of \$22.26 to \$25.11 proposed for 2018.

15 The second threshold is to determine the combined effects of the shift to fixed rates and  
16 other bill impacts for a residential customer at the distributor's 10<sup>th</sup> percentile  
17 consumption. If the total bill impact for these customers is 10% or greater, a distributor  
18 must file a plan to mitigate the impact for the whole residential class or indicate why such  
19 a plan is not required.

20 In order to determine the kWh consumed at the 10% percentile, Welland Hydro reviewed  
21 residential consumption data from the 2016 calendar year. Only the data with 12 monthly  
22 bills and a minimum of 50 kWh per month were used to determine the 10% percentile  
23 point. The data produced a sample size of 17,612 out of 20,907 residential customers.  
24 From the data, a 10<sup>th</sup> percentile consumption point was determined to be 263 kWh per  
25 month before loss factor. The Bill Impact Statement for the 10% percentile residential  
26 customer is included in Appendix E and is summarized in Table 2 below.

**Table 2 – Bill Impact – Residential 10<sup>th</sup> Percentile Customer**

Customer Class	Average Monthly		Total Bill Charges			
	kWh	kW	Current	Proposed	\$	%
Residential 10% Percentile	263		\$55.09	\$57.04	\$1.94	3.52%

The bill impact for a Residential 10<sup>th</sup> percentile customer with 263 kWh monthly consumption is 3.52% or \$1.94. The bill impact is well below the 10% threshold and therefore no mitigation plan is proposed.

### 3.2.4 Electricity Distribution Retail Transmission Service Rates

Revision 4.0 of Guideline (G-2008-001) on Retail Transmission Service Rates dated June 28, 2012 instructs electricity distributors to adjust their retail transmission service rates (“RTSRs”) based on a comparison of historical transmission costs adjusted for new UTR levels, and revenues generated from existing RTSRs. Welland Hydro has calculated the adjustments to the current RTSRs using Tabs 10 to 15 in the 2018 IRM Rate Generator Model. Welland Hydro acknowledges that the Board will adjust each distributors’ 2018 IRM rate application model to incorporate the January 1, 2018 UTR adjustments. The non-loss adjusted metered kWh and non-loss adjusted metered kW found in Tab 10 of the model are from the 2016 RRR 2.1.5 filing. Welland Hydro has not made any adjustments to the consumption data as reported in the 2016 RRR filing.

A summary of the proposed RTSRs is provided in the following Table 3.

**Table 3 – Proposed RTSRs**

Rate Class	Unit	Existing RTSR Network	Proposed RTSR Network	Variance	Variance %	Existing RTSR Connection	Proposed RTSR Connection	Variance	Variance %
Residential	\$/kWh	0.0077	0.0077	0.0000	0.00%	0.0060	0.0060	0.0000	0.00%
General Service Less Than 50 kW	\$/kWh	0.0068	0.0068	0.0000	0.00%	0.0051	0.0051	0.0000	0.00%
General Service 50 to 4,999 kW	\$/kW	2.3145	2.3225	0.0080	0.35%	1.9948	2.0032	0.0084	0.42%
Unmetered Scattered Load	\$/kWh	0.0068	0.0068	0.0000	0.00%	0.0051	0.0051	0.0000	0.00%
Sentinel Lighting	\$/kW	2.1670	2.1745	0.0075	0.35%	1.6448	1.6517	0.0069	0.42%
Street Lighting	\$/kW	2.1623	2.1698	0.0075	0.35%	1.6411	1.6480	0.0069	0.42%

### 3.2.5 Review and Disposition of Group 1 Deferral and Variance Account

#### Balances

##### Approved Deferral and Variance Account Rate Riders

In the Decision and Order for Welland Hydro's 2013 Cost of Service Application (EB-2012-0173) dated March 21, 2013 the Board approved a Rate Rider for Residential and GS<50 customer classes for Smart Meter Entity Change effective until October 31, 2018. This rate rider will remain in rates in this rate application.

In the Decision and Order for Welland Hydro's 2017 Cost of Service Application (EB-2016-0110) dated May 4, 2017 the Board approved a Rate Rider for Disposition of Deferral/Variance Accounts (2017) applicable only for Non Wholesale Market Participants, a Rate Rider for Disposition of Global Adjustment Account (2017) applicable only for Non RPP Customers, and individual Rate Riders for Disposition of Deferral/Variance Accounts (2017), Disposition of Group 2 Deferral/Variance Accounts (2017), Disposition of Account 1575 (2017), and Disposition of Lost Revenue Adjustment Mechanism Variance Account (2017) applicable to all customer classes over a one-year period from May 1, 2017 to April 30, 2018. These rate riders are being removed from rates in this rate application.

##### Proposed Disposition of the Balances of Deferral and Variance Accounts

Section 3.2.5 of the Board's Filing Requirements provides that under the Price Cap IR, the distributor's Group 1 audited account balances as of December 31, 2016 will be reviewed and disposed if the pre-set threshold of \$0.001 per kWh (debit or credit) is exceeded. Consistent with a letter from the Board on July 25, 2014, distributors may elect to dispose of Group 1 account balances below the threshold.

Welland Hydro has completed and is filing with this application, the Board's 2018 IRM Rate Generator Model Version 1.1 (updated September 8<sup>th</sup>). A copy of the schedules contained in this model is included in Appendix D attached. Table 4 below contains a summary of the Group 1 Variance Account Balances for Disposition contained in Tab 3

of the 2018 IRM Rate Generator Model. Table 4 is based on balances as at December 31, 2016, plus projected carrying charges to April 30, 2018. Carrying charges do not reflect the most recent change in prescribed regulatory interest rates.

**Table 4 – Group 1 Variance Account Balances for Disposition**

Account Description	Account No.	2016 Principal Balance	2016 Carrying Charge Balance	2016 Year End Balance	Projected Carrying Charges Jan 1/17 to Apr 30/18	Total for Disposition
Group 1 Accounts						
Smart Metering Entity Charge	1551	-4192	27	-\$4,165	-61	-\$4,227
RSVA-Wholesale Market Service Charge	1580	-\$380,623	-\$1,771	-\$382,394	-\$5,583	-\$387,977
Variance WMS - Sub-account CBR Class B	1580	-\$16,829	\$591	-\$16,238	-\$247	-\$16,485
RSVA-Retail Transmission Network Charge	1584	-73,577	-899	-\$74,476	-1,079	-\$75,555
RSVA-Retail Transmission Connection Charge	1586	-46,835	-121	-\$46,957	-687	-47,645
RSVA-Power (excluding Global Adjustment)	1588	53,867	-8,372	\$45,495	791	46,286
RSVA-Global Adjustment	1589	-996,288	-5,904	-\$1,002,192	-14,612	-1,016,804
Disposition of Regulatory Balances (2015)	1595	26,886	2,815	\$29,700	395	30,095
<b>Total Group 1 Account Balances</b>		<b>-\$1,437,591</b>	<b>-\$13,634</b>	<b>-\$1,451,227</b>	<b>-\$21,083</b>	<b>-\$1,472,310</b>

Welland Hydro's Group 1 balances as of December 31, 2016 plus projected interest to April 30, 2018 amounts to a \$1,472,310 credit.

Upon completion of the schedules in Tab 4 of the 2018 IRM Rate Generator Model, Welland Hydro has determined that the threshold of \$0.001 per kWh has been met, as shown in Table 5 below, and therefore has included for disposition the Group 1 total credit amount of \$1,472,310.

**Table 5 – Threshold Test**

Total Claim for Threshold Test (All Group 1 Accounts)	-\$1,472,310
Total Metered kWh	363,388,436
Threshold Test (Total claim per kWh)	-0.0041

The volumes for metered kWh and metered kW represent actual for the 2016 calendar year as populated from RRR Reporting. Welland Hydro has reported billed kWh and billed kW for a Wholesale Market Participant under the GS>50 kW customer class. The

percentage for prorating the residual 1595 (2015) balance is in proportion to the recovery share as established when the rate riders were implemented. Account 1551 is allocated based on the number of customers in the Residential and GS<50 customer classes.

Section 3.2.5 of the Filing Requirements states that “Distributors must provide an explanation if the account balances on Tab 3. Continuity Schedule differ from the account balances in the trial balance reported through the RRR and the audited financial statements.”

A comparison of Account Balances from Tab 3 of the 2018 IRM rate generator model to the balances as reported on the 2016 RRR Reporting are shown in Table 6.

Table 6 – Comparison of Balances to RRR Reporting

Account Description	Account No.	2016 Total Balance per Continuity Schedule	2016 Balances reported in RRR Trial Balance	Difference
<b>Group 1 Accounts</b>				
Smart Metering Entity Charge Variance	1551	-\$6,345	-6345	\$0
RSVA-Wholesale Market Service Charge	1580	-\$1,223,580	-\$1,139,122	-\$84,458
Variance WMS - Sub-account CBR Class A	1580	\$0	\$0	\$0
Variance WMS - Sub-account CBR Class B	1580	\$84,458	\$0	\$84,458
RSVA-Retail Transmission Network Charge	1584	-\$226,789	-\$226,789	\$0
RSVA-Retail Transmission Connection Charge	1586	-\$119,082	-\$119,082	\$0
RSVA-Power (excluding Global Adjustment)	1588	\$393,757	\$393,757	\$0
RSVA-Global Adjustment	1589	-\$688,388	-\$688,388	\$0
Disposition and Recovery/Refund of Regulatory Balances (details by year below)	1595	-\$223,181	-\$158,330	-\$64,851
<b>Total Group 1 Account Balances</b>		<b>-\$2,002,805</b>	<b>-\$1,937,954</b>	<b>-\$64,851</b>
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$35,875	-\$107,719	\$143,594
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	-\$64,633	\$26,557	-\$91,190
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	\$29,701	\$59,666	-\$29,965
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	-\$224,124	-\$136,834	-\$87,290
<b>Total 1595</b>		<b>-\$223,181</b>	<b>-\$158,330</b>	<b>-\$64,851</b>

As is shown in Table 6, there are variances between the continuity schedule on Tab 3 of the model and the Balances reported on the 2016 RRR reporting which are explained as follows:

#### **1. Offsetting variances related to WMS and CBR Class B**

Table 6 above shows a variance of (\$84,458) for RSVA – Wholesale Market Service Charge and an offsetting variance of \$84,458 for WMS – Sub-account CBR Class B. On July 25, 2016, the OEB issued a letter “Re: Accounting Guidance on Capacity Based Recovery (previously called Capacity Based Demand Response).” This letter requires distributors, effective January 1, 2016, to record the CBDR portion of the Wholesale Market Charge to a 1580 sub-account. At the time of RRR Reporting, the CBDR portion was embedded with the WMS portion of account 1580. Subsequent to the 2016 RRR Reporting, sub accounts were created for CBR Class A and CBR Class B and the related balances were moved to these sub-accounts accordingly. The net variance of these two accounts is \$NIL.

#### **2. 1595 Account Variance**

In Welland Hydro’s 2017 Cost of Service Application (EB-2016-0110), Welland Hydro included in its disposition of Account 1595 (2013) balance an amount of \$64,851(\$51,701 principal and \$13,150 interest) related to Stranded Meters. This balance was incorrectly included in Account 1595 and was moved to Account 1555 in 2017. This amount accounts for 100% of the difference between Continuity schedules and RRR Trial Balance amounts. However, there were offsetting differences between the years of the 1595 accounts reported on the continuity schedules compared to the 2016 RRR Reporting as can be seen in Table 6. These variances are entirely due to incorrect groupings from the general ledger and the net variance of these accounts is \$NIL. Welland Hydro will ensure that these are reported correctly by year in the future.

### 3. 1568 - LRAMVA

The balance recorded in account 1568 as at December 31, 2016 is \$34,965 for RRR reporting. This amount represented the preliminary amount accrued for recoveries for the 2013 and 2014 calendar years. In its 2017 Cost of Service Rate Application EB-2016-0110, the final settlement included disposition of the revised recoverable amount of \$14,202 for the 2013 and 2014 calendar years. This amount was included in applicable LRAMVA rate riders by customer class effective from May 1, 2017 to April 30, 2018. Welland Hydro made the appropriate adjusting entries in 2017 to reflect the difference between the accrued amount and the final amount included in the 2017 Cost of Service Rate Application Settlement.

No amounts related to 2015 or 2016 LRAMVA amounts were included in the balance in 1568 as at December 31, 2016. Welland Hydro plans on making entries to reflect LRAMVA for these calendar years in 2017.

Welland Hydro can confirm for the Board that no adjustments have been made to any deferral and variance account balances previously reported to the Board on a final basis.

The 2018 rate generator model was used to determine appropriate rate riders to dispose of Group 1 balances.

The allocation of Group 1 balances, excluding 1589 Global Adjustment and 1580 WMS Sub-Account Class B, by rate class, can be found in Tab 5 of the 2018 rate generator model. These allocations are shown in Table 7 below:

Table 7 – Group 1 Account Allocation (excluding GA and CBR Class B)

Rate Class	1551	1580	1584	1586	1588	1595	Total
Residential	-\$3,894	-\$175,676	-\$33,913	-\$21,385	\$20,958	\$11,707	-\$202,203
General Service Less Than 50 kW	-\$332	-\$57,671	-\$11,133	-\$7,020	\$6,880	\$3,942	-\$65,334
General Service 50 to 4,999 kW	\$0	-\$151,074	-\$29,822	-\$18,805	\$18,023	\$14,205	-\$167,473
Unmetered Scattered Load	\$0	-\$1,052	-\$203	-\$128	\$125	\$90	-\$1,167
Sentinel Lighting	\$0	-\$807	-\$156	-\$98	\$96	\$60	-\$905
Street Lighting	\$0	-\$1,697	-\$328	-\$207	\$202	\$90	-\$1,938
Total	-\$4,227	-\$387,977	-\$75,555	-\$47,645	\$46,286	\$30,095	-\$439,022

Tab 7 of the 2018 rate generator model calculates the appropriate rate riders by customer class and identifies rate riders which do not apply to Wholesale Market Participants. The resulting rate riders are shown in Table 8 below:

Table 8 – Proposed Deferral/Variance Rate Riders (excluding GA and CBR Class B)

Rate Class	Unit	Deferral/ Variance Account Rate Rider (all customers)	Deferral/Variance Account Rate Rider for Non-WMP only
Residential	\$/kWh	-\$ 0.0012	\$ -
General Service Less Than 50 kW	\$/kWh	-\$ 0.0012	\$ -
General Service 50 to 4,999 kW	\$/kW	-\$ 0.0856	-\$ 0.3355
Unmetered Scattered Load	\$/kWh	-\$ 0.0012	\$ -
Sentinel Lighting	\$/kW	-\$ 0.4389	\$ -
Street Lighting	\$/kW	-\$ 0.4250	\$ -

Consistent with Section 3.2.5 of the filing requirements, Welland Hydro is requesting approval to dispose of Group 1 Account Balances, excluding Global Adjustment and CBR Class B, in the amount of \$439,022 credit by means of the rate riders shown in Table 8 above over a one-year disposition period beginning May 1, 2018.

### 3.2.5.1 Wholesale Market Participants

Chapter 3 of the Filing requirements updated on July 20, 2017 states that a wholesale market participant (WMP) refers to any entity that participates directly in any of the IESO administered markets. These participants settle commodity and market-related charges with the IESO even if they are embedded in a distributor's distribution system. As a result, Welland Hydro has not allocated any balances to these customers from Account 1580 RSVA -Wholesale Market Services Charge, Account 1580 Variance WMS, Sub-Account CBR Class B, Account 1588 RSVA – Power, and Account 1589 RSVA – Global Adjustments to a WMP.

Welland Hydro had one WMP in 2016 which belonged to the General Service 50 to 4,999 kW customer class. This WMP customer settles directly with the IESO the Global



1 Adjustment charge and therefore Welland Hydro is proposing not to charge a Rate Rider  
2 for Disposition of Global Adjustment Account to this WMP customer.

3 The Filing requirements also state that a distributor must ensure that rate riders are  
4 appropriately calculated for the remaining charges that are still settled with a distributor.  
5 Welland Hydro has ensured that the Rate Riders for Account 1584 RSVA – Retail  
6 Transmission Network Charge, Account 1586 RSVA – Retail Transmission Connection  
7 Charge and Account 1595 – Disposition/Refund of Regulatory Balances have been  
8 appropriately calculated.

### 9 **3.2.5.2 Global Adjustment**

#### 10 **Class A**

11 Class A customers participate in the Industrial Conservation Initiative (ICI) and pay GA  
12 based on their percentage contribution to the top five peak Ontario demand hours over a  
13 year-long period. Distributors that settle GA costs with Class A customers on the basis of  
14 actual prices shall allocate no GA variance balance to these customers for the period they  
15 were designated Class A.

16 Welland Hydro had one customer who transitioned from Class B Global Adjustment to  
17 Class A Global Adjustment effective July 1, 2016. This was Welland Hydro's only Class  
18 A customer in 2016 and belonged to the General Service 50 to 4,999 kW customer class.  
19 This Class A customer contributed to the global adjustment variance balance prior to the  
20 transition date.

21 Welland Hydro has populated Tab 6 of the 2018 rate generator model with consumption  
22 data pertaining to the Class A transition customer in 2016. Tab 6.1a of the model has  
23 allocated a \$45,243 Global Adjustment credit to the Class A transition customer which  
24 represents their portion of the GA balance for the period they were designated as Class  
25 B.

Welland Hydro is requesting approval to refund \$45,243 to the Class A transition customer through equal monthly payments of \$3,770 over a 12-month disposition period, consistent with Chapter 3 of the Filing requirements. This Class A transition customer will not be charged/refunded the GA rate rider that applies to all non-RPP Class B customers.

## **Class B**

Class B customers pay Global Adjustment based on the amount of electricity they consume in a month (kWh). For non-RPP Class B customers, the GA variance account (Account 1589) captures the difference between the amounts billed (or estimated to be billed) by the distributor and the actual amount paid by the distributor to the IESO for those customers.

Tab 6.1 of the 2018 rate generator model allocates \$971,561 credit by rate class to non-RPP customers who were designated as Class B for all of 2016 (non-transition customers). Tab 6.1 established a separate rate rider that applies to the non-RPP Class B non-transition customers.

Welland Hydro is requesting approval to refund \$971,561 to the non-RPP Class B non-transition customers through a rate rider effective May 1, 2018 over a one-year period.

The GA account allocation and proposed rate riders/bill adjustments are shown in Table 9:

1 Table 9– Global Adjustment Allocation

Rate Class	Unit	1589 Global Adjustment	Rate Rider	Bill Adjustment
<b>Non-RPP Class B Non-Transition Customers</b>				
Residential		-\$ 52,785	-\$ 0.0073	
General Service Less Than 50 kW	\$/kWh	-\$ 56,968	-\$ 0.0073	
General Service 50 to 4,999 kW - Class B Non-Transition	\$/kWh	-\$ 848,882	-\$ 0.0073	
Unmetered Scattered Load	\$/kWh	-\$ 1,145	-\$ 0.0073	
Sentinel Lighting	\$/kWh	-\$ 234	-\$ 0.0073	
Street Lighting	\$/kWh	-\$ 11,547	-\$ 0.0073	
<b>Total allocated to Non-RPP Class B Non-Transition Customers</b>		<b>-\$ 971,561</b>		
<b>Allocation to Class A Transition Customer</b>	\$/month	<b>-\$ 45,243</b>		<b>-\$ 3,770</b>
<b>Total GA Allocation</b>		<b>-\$ 1,016,804</b>		

### 3 GA Analysis Workform

4 Starting for 2018 rate applications, all distributors must complete the GA Analysis  
5 Workform to assess if the annual balance in Account 1589 is reasonable. The workform  
6 compares the General Ledger principal balance to an expected principal balance based  
7 on monthly GA volumes, revenues and costs. Distributors may provide reconciling items  
8 to explain discrepancies between the actual and expected balance. Any unexplained  
9 discrepancy greater than +/- 1% of total annual IESO GA charges will be considered  
10 material and could prompt further analysis before disposition is approved.

11 Consumption data in Note 2 of the GA Analysis Workform is consistent with the  
12 consumption data as reported on the 2016 RRR. Welland Hydro had its largest user in  
13 2016 transition from Class B Global Adjustment to Class A Global Adjustment effective  
14 July 1, 2016. The consumption data for the Class A transition customer has been  
15 reflected in Note 2 of the GA Analysis Workform. As a result of this transition, Class B  
16 consumption has significantly decreased after July 1, 2016.

17 Welland Hydro bills its Class B non-RPP customers using the IESO's 1<sup>st</sup> estimate for GA  
18 for the month. For billing cycles that span more than one month, consumption is prorated

1 by month and the IESO's 1<sup>st</sup> Estimate GA rate for each month is applied to the prorated  
2 consumption.

3 Welland Hydro's GA Analysis Workform can be found in Appendix F. Welland Hydro has  
4 identified the following reconciling items to reduce the discrepancy between the actual  
5 and expected balance.

#### 6 **Reconciling Item 1: 2015 True-up Adjustments**

7 A settlement true-up of \$109,356 for October to December 2015 was booked in 2016.  
8 However, this true-up was disposed of in the 2017 COS (EB-2016-0110) as it related to  
9 the 2015 calendar year. This adjustment was reflected in Cell AV29 in Tab 3 of the 2018  
10 IRM Rate Generator Model. The result increases the 2016 transactions from -\$886,932  
11 to -\$996,288 which is recorded in Cell D65 in the GA Analysis Workform.

12 Effective May 23, 2017 per the OEB's letter titled "Guidance on Disposition of Accounts  
13 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the  
14 period that is being requested for disposition in Account 1588 and Account 1589." All  
15 2016 settlement true-up adjustments have been recorded in the 2016 year.

#### 16 **Reconciling Item 2: Unbilled to Actual Revenue Difference**

17 Welland Hydro has reconciling items for the adjustment of prior year-end unbilled (2015)  
18 to actual revenue differences and addition of current year-end unbilled (2016) to actual  
19 revenue differences in the amounts of \$533,174 and \$162,028 respectively. These  
20 differences are largely the result of using GA rates from previous months to calculate  
21 unbilled revenue that were significantly different than actual GA rates used to bill for  
22 unbilled kWh. For 2015, the unbilled revenue used a GA rate of \$0.07457/kWh versus  
23 an actual billing rate of \$0.11462/kWh. This would result in an understatement of GA  
24 revenue in 2015 (unfavourable variance) and overstatement of GA revenue in 2016  
25 (favourable variance). For 2016, the unbilled revenue used a GA rate of \$0.11869/kWh  
26 versus an actual billing rate of \$0.10594. This would result in an overstatement of GA

1 revenue in 2016 (favourable variance) and an understatement of GA revenue in 2017  
2 (unfavourable variance).

3 Unbilled revenue entries reverse the falling month and create only timing related  
4 variances. However, Welland Hydro will make changes going forward (2017) when  
5 calculating unbilled revenue to better align actual billed GA rates associated with the  
6 unbilled kWh. This will reduce the impact of timing variances in future years.

### 7 **Reconciling Item 3: Difference in Loss Factors**

8 The loss factor in Welland Hydro's tariff of rates and charges was significantly reduced in  
9 the 2017 COS Rate Application effective May 1, 2017. However, the difference between  
10 billed loss factor of 1.0532 and actual of 1.0451 continued throughout 2016. An  
11 adjustment of \$106,032 was made to account for the difference between the loss factor  
12 used to bill and the actual loss factor to reflect the associated favorable variance.

13 After all reconciling items are considered in the GA Analysis Workform, Welland Hydro  
14 has an unreconciled difference of -0.5%. This is within the +/- 1% threshold, indicating  
15 that Welland Hydro's GA balance is reasonable.

### 16 **Description of Settlement Process**

17 Section 3.2.5.2 of the Filing Requirements states that a description of the IESO  
18 Settlement Process is only required if any aspect of the description has changed since  
19 previously filed or has not been filed in an application. Welland Hydro's settlement  
20 process was reported in the 2016 IRM and has not changed, however has been included  
21 below for ease of reference.

22 The manner in which Welland Hydro settles with the IESO is provided in Table 10 below  
23 and depends on the following: (i) whether the customer is a Regulated Price Plan ("RPP")  
24 consumer; and (ii) whether the customer is a Class A or Class B consumer. It is not  
25 dependant on the rate class.

**Table 10 – IESO Settlement Process**

Customer	GA Rate used for Billing	GA Rate used to Record Cost	Settlement Process	Consumption Estimates	Impact on GA Variance Account
Class A	Actual	Actual	Welland Hydro pays the IESO Actual GA and bills the customers Actual GA-no further settlement with the IESO is required	Class A consumption actuals are submitted to the IESO-actuals are known at the time of submission; therefore an estimate is not required	None
Class B non-RPP	1st Estimate	Actual	Welland Hydro pays the IESO Actual GA and bills customers 1st estimate GA-no further settlement with the IESO is required	Class B non-RPP consumption is not submitted to the IESO	Difference between revenues and costs recorded to GA variance account on a monthly basis and recovered from/repaid to Class B non-RPP consumers on disposal of the GA Variance Account
Class B RPP	RPP Time of Use ("TOU") or Tiered Rates (1)	Actual	Welland Hydro pays the IESO Actual GA and bills customers RPP rates - Welland Hydro settles with the IESO on a monthly basis via the RPP vs. Market Claim (2)	RPP consumption is estimated and provided to the IESO as part of the RPP vs. Market Price Claim (2) provided to the IESO. Settlement with the IESO is then adjusted once actual RPP consumption is known	Timing Differences Only - Estimate vs Actual (Three Month Lag)

### **Class A Customers**

As indicated in Section 4 above, Welland Hydro had one Class B customer elect to move to Class A for Global Adjustment purposes effective July 1, 2016. As a result, Welland Hydro had no Class A customers from July 1, 2015 to June 30, 2016 and one Class A customer from July 1, 2016 to June 30, 2017. The following is a description of the process for Class A customers followed by Welland Hydro after July, 2016. Welland Hydro reports the actual Class A consumption (kWh) on a monthly basis to the IESO and pays the resulting Class A GA charge on the IESO invoice (10<sup>th</sup> business day). Since the Class A customer is billed by Welland Hydro around the 15<sup>th</sup> of each month, the actual GA amount was known and billed to the customer. As a result, no further settlement with the IESO is required. Welland Hydro settled GA costs with Class A customers on the basis of actual costs and as such, none of the variance in the GA account balance is attributed to these customers.

### **Class B non-RPP Customers**

Class B non-RPP customers are billed by Welland Hydro throughout the month. These customers pay the spot price for energy – either the Weighted Average Hourly Spot price ("WAHSP") or the Hourly Ontario Energy Price ("HOEP"); and the GA. Welland Hydro

1 bills its Class B non-RPP customers using the IESO's 1<sup>st</sup> estimate for GA for the month  
2 which is published by the IESO on the last business day of the preceding month. Welland  
3 Hydro pays the IESO Class B GA based on its actual Class B volume at the actual Class  
4 B rate. No further settlement with the IESO is required. Any difference between GA  
5 revenues and GA costs are recorded in the GA variance account to be recovered from or  
6 repaid to Class B non-RPP customers based on consumption. Total Class B  
7 consumption is defined as the following:

8 **Total kWh wholesale power purchased from the IESO**

9 **Add:** Embedded Generation

10 **Less:** Class A consumption

11 Welland Hydro verifies the amount of Class B GA invoiced by the IESO using the kWh  
12 calculated above multiplied by the actual GA rate for the month.

13 The determination of Class B RPP consumption is discussed in further detail below.

14 **Class B RPP Customers**

15 Class B RPP customers are billed by Welland Hydro throughout the month at RPP TOU  
16 or Tiered Rates. The difference between how much Welland Hydro recovers from RPP  
17 customers at these rates and the amount Welland Hydro pays for the commodity supply  
18 in the wholesale market place to the IESO is submitted to the IESO on a monthly basis  
19 ("the RPP vs. Market Price claim"). The RPP consumption for the month is estimated  
20 using billed kWh from Welland Hydro's billing system and is used to determine the GA  
21 allocated to Class B non-RPP customers on a monthly basis. The amount submitted to  
22 the IESO is reflected on the invoice as either a debit (Welland Hydro collected more  
23 revenue from RPP customers than it paid for electricity) or a credit (Welland Hydro  
24 collected less revenue from RPP customers than it paid for electricity). As the initial  
25 process is based on estimated RPP consumption a true up process occurs once actual  
26 consumption is known and is discussed in the following section.

1 **True-up of “Current Month” Claim using Actual Billed Consumption**

2 Welland Hydro’s billing system is used to determine the actual kWh consumed by and  
3 billed to RPP customers. As Welland Hydro bills customers on a monthly basis a three-  
4 month lag is used to ensure all amounts invoiced to RPP customers have been finalized.  
5 Welland Hydro recalculates the monthly RPP vs. “Market Claim” for each calendar month  
6 and submits the adjustment to the IESO on a quarterly basis for the difference between  
7 the estimated amount and the actual amount. As an example, Welland Hydro would true  
8 up January to March estimates in the June IESO submission so that no more than three  
9 months worth of estimates is outstanding in the variance accounts at any time. This  
10 quarterly true up is recorded separately from the monthly estimate to ensure proper  
11 coding between the cost of power and the GA variance accounts. A reconciliation is  
12 maintained between the amounts invoiced by the IESO and the GL to ensure that  
13 variance accounts are maintained accurately. Welland Hydro ensures that the last true-  
14 up for the year (October to December) is booked in the same calendar year.

15 Welland Hydro can confirm for the Board that it uses the accrual method to record  
16 amounts unbilled at month and year ends.

17 **Settlement with IESO for Embedded Generation**

18 Welland Hydro receives a report detailing kWh generated by all its embedded generators  
19 on a monthly calendar basis which outlines the generation amounts on an hourly basis.  
20 The resultant generation by hour is multiplied by the hourly electricity cost (excluding  
21 global adjustment) invoiced by the IESO. The difference between the total cost invoiced  
22 by the IESO and the amounts paid to generators (various actual contract prices) is then  
23 submitted to the IESO for recovery. There is no impact to the variance accounts as a  
24 result of this process.

25 **3.2.5.3 Commodity Accounts 1588 and 1589**

26 Effective May 23, 2017 per the OEB’s letter titled “Guidance on Disposition of Accounts  
27 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the



1 period that is being requested for disposition in Account 1588 and Account 1589.” As  
2 stated in Section 3.2.5.2 above, all 2016 settlement true-up adjustments have been  
3 recorded in the 2016 year.

#### 4 **Certification of Evidence**

5 Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications requires  
6 a senior officer to certify that the distributor has robust processes and internal controls in  
7 place for the preparation, review, verification and oversight of the account balances being  
8 disposed of. Welland Hydro has provided this certification in Appendix A attached.

#### 9 **3.2.5.4 Capacity Based Recovery (CBR)**

##### 10 **Class A**

11 As stated in Section 3.2.5.2 above, Welland Hydro had one customer who transitioned  
12 from Class B to Class A effective July 1, 2016. This was Welland Hydro’s only Class A  
13 customer in 2016 and belonged to the General Service 50 to 4,999 kW customer class.  
14 This Class A customer contributed to the CBR Class B Sub-Account balance prior to the  
15 transition date.

16 Welland Hydro has populated Tab 6 of the 2018 rate generator model with consumption  
17 data pertaining to the Class A transition customer in 2016. Tab 6.2a of the model has  
18 allocated a \$287 CBR Class B credit to the Class A transition customer which represents  
19 their portion of the CBR Class B balance for the period they were designated as Class B.

20 Welland Hydro is requesting approval to refund \$287 to the Class A transition customer  
21 through equal monthly payments of \$24 over a 12-month disposition period, consistent  
22 with Chapter 3 of the Filing requirements. This Class A transition customer will not be  
23 charged/refunded the CBR Class B rate rider that applies to all Class B customers.

## Class B

Tab 6.2 of the 2018 rate generator model allocates \$16,197 CBR Class B credit by rate class to customers who were designated as Class B for all of 2016 (non-transition customers). Tab 6.2 establishes a separate rate rider that applies to the non-RPP Class B non-transition customers.

As can be seen in Table 11 below, Tab 6.2 of the 2018 rate generator model produces a rate rider of \$NIL for CBR Class B. As a result, Welland Hydro is requesting approval to transfer the principal portion of the CBR Class B variance that is allocated to Class B non-transition customers in the amount of \$16,536 to account 1595 for disposition at a later date.

The CBR Class B account allocation and proposed rate riders/bill adjustments are shown in Table 11:

Table 11– CBR Class B Allocation

Rate Class	Unit	1580 CBR Class B	Rate Rider	Bill Adjustment
<b>Non-RPP Class B Non-Transition Customers</b>				
Residential		-\$ 7,591	\$0.0000	
General Service Less Than 50 kW	\$/kWh	-\$ 2,492	\$0.0000	
General Service 50 to 4,999 kW - Class B Non-Transition	\$/kWh	-\$ 5,961	\$0.0000	
Unmetered Scattered Load	\$/kWh	-\$ 45	\$0.0000	
Sentinel Lighting	\$/kWh	-\$ 35	\$0.0000	
Street Lighting	\$/kWh	-\$ 73	\$0.0000	
<b>Total allocated to Non-RPP Class B Non-Transition Customers</b>		<b>-\$ 16,198</b>		
<b>Allocation to Class A Transition Customer</b>	\$/month	<b>-\$ 287</b>		<b>-\$ 24</b>
<b>Total CBR Class B Allocation</b>		<b>-\$ 16,485</b>		

### 3.2.6 LRAM Variance Account (LRAMVA)

For CDM programs delivered within the 2011 to 2014 term and going forward within the 2015 to 2020 term, the Board established account 1568 as the LRAMVA to capture the variance between the Board-approved CDM forecast and the actual results at the customer rate class level.

The LRAM variance account ("LRAMVA") captures at the customer rate-class level, the difference between the following:

- a) The results of actual, verified impacts of authorized CDM activities undertaken by Welland Hydro; and
- b) The OEB-approved LRAMVA threshold (reference: file EB-2012-0173, Page 12, Settlement Table #7 for periods between 2013-2016).

Welland Hydro applied for and received approval to dispose of LRAMVA amounts for 2013 and 2014 in its 2017 Cost of Service Rate Application EB-2016-0110.

In accordance with the Board's Guidelines for Electricity Distributor CDM, at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA in Incentive Regulation Mechanism rate applications, if the balance is deemed significant by the applicant.

Welland Hydro has completed the Board's LRMVA model for 2018 IRM Applications for the 2015-year period for the purpose of determining materiality. The results show a recoverable amount of \$34,593 including interest. This amount is lower than the materiality threshold Welland Hydro used in its 2017 Cost of Service Rate Application EB-2016-0110.

As a result, Welland Hydro is not requesting recovery of an LRAMVA rate rider in this IRM Rate Application.

Welland Hydro is currently reviewing LRAMVA results for 2016 against the IESO's 2016 Final Verified Results Report. Both the 2015 and 2016 LRMVA amounts will be recorded in account 1568 in 2017. Welland Hydro will review total LRMVA amounts for 2015 to 2016 for disposition as part of its 2019 IRM Rate Application.

### **3.2.7 Tax Changes**

Welland Hydro is not requesting any tax change rate riders in this application. Section 3.2.7 of the Filing Requirements indicates that "OEB policy, as described in the OEB's 2008 report entitled Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Distributors (the Supplemental Report), prescribes a 50/50 sharing of impacts of legislated tax changes from distributors' tax rates embedded in its OEB approved base rate known at the time of application." At this time, Welland Hydro is not aware of any impacts of legislated tax changes from Welland Hydro's current base rate.

### **3.2.8 Z-factor Claims**

Section 3.2.8 of the Filing Requirements states that Price Cap IR applicants have the ability to include in their application a request to recover costs associated with unforeseen events that are outside the control of a distributor's ability to manage. Welland Hydro is not including a Z-factor claim in this application.

## **3.3 Elements Specific only to Price Cap IR Plan**

### **3.3.1 Advanced Capital Module**

As stated in Section 3.3.1 of the Filing Requirements, The Advanced Capital Module (ACM) approach seeks to increase regulatory efficiency during the Price Cap IR term and provides a distributor with the opportunity to smooth out its capital program over a five-year period between cost of service applications. Welland Hydro is not requesting approval for an ACM Module in this application.

### **3.3.2 Incremental Capital Module**

As stated in Section 3.3.2 of the Filing Requirements, the Incremental Capital Module (ICM) is intended to address the treatment of capital investment needs that arise during the rate-setting plan which are incremental to a defined materiality threshold. Welland Hydro is not requesting approval for an ICM Module in this application.

## **4 Conclusion**

Welland Hydro has complied with the instructions provided in the OEB's 2018 IRM Rate Generator Model as well as Chapters 1 & 3 of the OEB's Filing Requirements for Electricity Distribution Rate Applications revised July 20, 2017. As a result, Welland Hydro applies for an Order or Orders approving the Tariff of Rates and Charges set out in Appendix C to this Application as just and reasonable rates and charges pursuant to section 78 of the OEB Act, to be effective May 1, 2018.

As discussed above, Welland Hydro has concluded that no bill impact mitigation is required.

## APPENDIX - A

### CERTIFICATION OF EVIDENCE

# Certification of Evidence

I hereby certify that, to the best of my knowledge, the evidence filed in this Application is accurate, consistent and complete.

I also certify that, to the best of my knowledge, Welland Hydro has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances being disposed of.

**Certified by:**



Wayne Armstrong, CPA, CMA

President and CEO  
Welland Hydro-Electric System Corp.  
950 East Main Street  
Welland, ON L3B 5P6

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**Date:**

September 25, 2017

## APPENDIX - B

### CURRENT TARIFF OF RATES AND CHARGES



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached or semi-detached units, as defined in the local zoning by-law. 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	\$	22.26
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$	0.09
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$	0.15
Distribution Volumetric Rate	\$/kWh	0.0074
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0007)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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	\$	30.91
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0091
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0007)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	0.0001
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 - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings whose 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 5,000 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	281.42
Distribution Volumetric Rate	\$/kW	3.0345
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.2333)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3864)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.0484
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kW	0.0805
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0749
Retail Transmission Rate - Network Service Rate	\$/kW	2.3145
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9948

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Unmetered or flat connections are permitted with the approval of Welland Hydro-Electric System Corp. Engineering Department. Flat rate connects may include, but are not limited to, Traffic Lights, Street Lights, Bus Shelters, and Signs. Energy consumption is determined by information provided by the customer and/or load measurement taken by Welland Hydro-Electric System Corp. following connection of the flat service. 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)	\$	10.31
Distribution Volumetric Rate	\$/kWh	0.0068
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	(0.0003)
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 - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting not classified as unmetered or street lighting. The consumption for the customer will be based on the calculated connected load times a twelve hour day times the applicable billing period. 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)	\$	3.80
Distribution Volumetric Rate	\$/kW	8.5041
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.2843)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3991)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.0495
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kW	0.0825
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	(0.2295)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1670
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6448

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the Street Lighting system owned by the City of Welland. Welland Hydro-Electric System Corp. provides new installations and maintenance of the street lighting system, as required by the City of Welland. 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 device)	\$	0.60
Distribution Volumetric Rate	\$/kW	2.5190
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.2239)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3942)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.0489
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kW	0.0815
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	(0.2610)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1623
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6411

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### 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	\$	11.00
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# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0110

### ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.70)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

### SPECIFIC SERVICE CHARGES

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

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

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

#### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

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

#### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Meter upgrade requested by customer plus installation-per month plus installation on a time and material basis	\$	10.00



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

### RETAIL SERVICE CHARGES (if applicable)

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	1.0476
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0371

## APPENDIX - C

### PROPOSED TARIFF OF RATES AND CHARGES

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached or semi-detached units, as defined in the local zoning by-law. 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	\$	25.11
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

### 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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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	\$	31.45
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0093
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
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 (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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings whose 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 5,000 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	286.34
Distribution Volumetric Rate	\$/kW	3.0876
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3355)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.0856)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0032

#### 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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Unmetered or flat connections are permitted with the approval of Welland Hydro-Electric System Corp. Engineering Department. Flat rate connects may include, but are not limited to, Traffic Lights, Street Lights, Bus Shelters, and Signs. Energy consumption is determined by information provided by the customer and/or load measurement taken by Welland Hydro-Electric System Corp. following connection of the flat service. 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)	\$	10.49
Distribution Volumetric Rate	\$/kWh	0.0069
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
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 (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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting not classified as unmetered or street lighting. The consumption for the customer will be based on the calculated connected load times a twelve hour day times the applicable billing period. 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)	\$	3.87
Distribution Volumetric Rate	\$/kW	8.6529
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4389)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1745
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6517

### 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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the Street Lighting system owned by the City of Welland. Welland Hydro-Electric System Corp. provides new installations and maintenance of the street lighting system, as required by the City of Welland. 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 device)	\$	0.61
Distribution Volumetric Rate	\$/kW	2.5631
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4250)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1698
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6480

### 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



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

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

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

**EB-2017-0081**

### 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	\$	11.00
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# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.70)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### SPECIFIC SERVICE CHARGES

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

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

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

#### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Account history	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Disconnect/Reconnect at Meter - during regular hours	\$	65.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Install/Remove Load Control Device - during regular hours	\$	65.00

#### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Meter upgrade requested by customer plus installation-per month plus installation on a time and material basis	\$	10.00

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### RETAIL SERVICE CHARGES (if applicable)

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

# **Welland Hydro-Electric System Corp.**

## **TARIFF OF RATES AND CHARGES**

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

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

**EB-2017-0081**

### **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

1.0476

Total Loss Factor - Primary Metered Customer < 5,000 kW

1.0371

## APPENDIX - D

### 2018 IRM RATE GENERATOR MODEL



# Incentive Regulation Model for 2018 Filers

Version

1.1

Utility Name Welland Hydro-Electric System Corp.

Assigned EB Number EB-2017-0081

Name of Contact and Title Jennifer Dionne, Senior Accountant

Phone Number 905-732-1381 ext 235

Email Address jdionne@wellandhydro.com

We are applying for rates effective May 1, 2018

Rate-Setting Method Price Cap IR

Please indicate in which Rate Year the  
Group 1 accounts were last cleared<sup>1</sup> 2017

Please indicate the last Cost of Service  
Re-Basing Year 2017

## Legend

☐ Pale green cells represent input cells.

☐ Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.

☐ Pale grey cell represent auto-populated RRR data

☐ White cells contain fixed values, automatically generated values or formulae.

Note:

1. Rate year of application



# Incentive Regulation Model for 2018 File

## Welland Hydro-Electric System Corp.

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0110

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached or semi-detached units, as defined in the local zoning by-law. 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	\$	22.26
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$	0.09
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$	0.15
Distribution Volumetric Rate	\$/kWh	0.0074
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0007)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25





# Incentive Regulation Model for 2018 File

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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	\$	30.91
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0091
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0007)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	0.0001
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 - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2018 File

## GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings whose 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 5,000 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	281.42
Distribution Volumetric Rate	\$/kW	3.0345
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.2333)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3864)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.0484
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kW	0.0805
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0749
Retail Transmission Rate - Network Service Rate	\$/kW	2.3145
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9948

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2018 File

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Unmetered or flat connections are permitted with the approval of Welland Hydro-Electric System Corp. Engineering Department. Flat rate connects may include, but are not limited to, Traffic Lights, Street Lights, Bus Shelters, and Signs. Energy consumption is determined by information provided by the customer and/or load measurement taken by Welland Hydro-Electric System Corp. following connection of the flat service. 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.

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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)	\$	10.31
Distribution Volumetric Rate	\$/kWh	0.0068
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	(0.0003)
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 - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2018 File

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting not classified as unmetered or street lighting. The consumption for the customer will be based on the calculated connected load times a twelve hour day times the applicable billing period. 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)	\$	3.80
Distribution Volumetric Rate	\$/kW	8.5041
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.2843)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3991)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.0495
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kW	0.0825
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	(0.2295)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1670
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6448

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2018 File

## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the Street Lighting system owned by the City of Welland. Welland Hydro-Electric System Corp. provides new installations and maintenance of the street lighting system, as required by the City of Welland. 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 device)	\$	0.60
Distribution Volumetric Rate	\$/kW	2.5190
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.2239)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3942)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP	\$/kWh	0.0022
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.0489
Rate Rider for Disposition of Account 1575 (2017) - effective until April 30, 2018	\$/kW	0.0815
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	(0.2610)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1623
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6411

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate - 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	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2018 File

## 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	\$	11.00
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# Incentive Regulation Model for 2018 File

## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.70)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)



# Incentive Regulation Model for 2018 File

## SPECIFIC SERVICE CHARGES

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

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

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

### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Account history	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Disconnect/Reconnect at Meter - during regular hours	\$	65.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Install/Remove Load Control Device - during regular hours	\$	65.00

### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Meter upgrade requested by customer plus installation-per month plus installation on a time and material basis	\$	10.00





# Incentive Regulation Model for 2018 File

## RETAIL SERVICE CHARGES (if applicable)

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



Ontario Energy Board

# Incentive Regulation Model for 2018 File

## 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

1.0476

Total Loss Factor - Primary Metered Customer < 5,000 kW

1.0371

		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 <sup>1</sup> during 2011	Closing Principal Balance as of Dec 31, 2011	Opening Interest Amounts as of Jan 1, 2011	Interest Jan 1 to Dec 31, 2011	OEB-Approved Disposition during 2011	Interest Adjustments <sup>1</sup> during 2011	Closing Interest Amounts as of Dec 31, 2011
<b>Group 1 Accounts</b>											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					0
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power <sup>4</sup>	1588					0					0
RSVA - Global Adjustment <sup>4</sup>	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595					0					0
<b>RSVA - Global Adjustment</b>	<b>1589</b>	0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance</b>		0	0	0	0	0	0	0	0	0	0
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>										
<b>Total including Account 1568</b>		0	0	0	0	0	0	0	0	0	0

		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 <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
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 <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	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 - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0	455,927	1,450,154		(994,227)	0	(10,507)			(10,507)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup> <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	455,927	1,450,154	0	(994,227)	0	(10,507)	0	0	(10,507)
Total Group 1 Balance		0	455,927	1,450,154	0	(994,227)	0	(10,507)	0	0	(10,507)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	455,927	1,450,154	0	(994,227)	0	(10,507)	0	0	(10,507)

		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 <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
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 <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	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 - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	(994,227)	683,246			(310,981)	(10,507)	(9,976)			(20,483)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0	(196,733)	(833,065)		636,332	0	6,375			6,375
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup> <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(994,227)	486,513	(833,065)	0	325,351	(10,507)	(3,601)	0	0	(14,108)
Total Group 1 Balance		(994,227)	486,513	(833,065)	0	325,351	(10,507)	(3,601)	0	0	(14,108)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		(994,227)	486,513	(833,065)	0	325,351	(10,507)	(3,601)	0	0	(14,108)

		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 <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014
<b>Group 1 Accounts</b>											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0			8,353	8,353	0			363	363
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(292,819)	(292,819)	0			(7,216)	(7,216)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0			(167,758)	(167,758)	0			(1,640)	(1,640)
RSVA - Retail Transmission Connection Charge	1586	0			40,443	40,443	0			661	661
RSVA - Power <sup>4</sup>	1588	0			5,907	5,907	0			(8,420)	(8,420)
RSVA - Global Adjustment <sup>4</sup>	1589	0			406,348	406,348	0			5,871	5,871
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	(310,981)	234,785			(76,196)	(20,483)	(1,651)			(22,134)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	636,332	(275,577)			360,755	6,375	7,441			13,816
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0	467,336	762,222		(294,886)	0	(4,289)			(4,289)
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0				0
<b>RSVA - Global Adjustment</b>	<b>1589</b>	0	0	0	406,348	406,348	0	0	0	5,871	5,871
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		325,351	426,544	762,222	(405,874)	(416,201)	(14,108)	1,501	0	(16,252)	(28,859)
<b>Total Group 1 Balance</b>		325,351	426,544	762,222	474	(9,853)	(14,108)	1,501	0	(10,381)	(22,988)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	0				0	0				0
<b>Total including Account 1568</b>		325,351	426,544	762,222	474	(9,853)	(14,108)	1,501	0	(10,381)	(22,988)

		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 <sup>1</sup> 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 <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	8,353	(2,118)			6,235	363	99			462
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(292,819)	(824,851)	(240,570)		(877,100)	(7,216)	(6,145)	(7,368)		(5,993)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0	99,240			99,240	0	1,093			1,093
RSVA - Retail Transmission Network Charge	1584	(167,758)	(148,772)	(84,402)		(232,128)	(1,640)	(2,660)	(1,843)		(2,457)
RSVA - Retail Transmission Connection Charge	1586	40,443	(70,493)	4,842		(34,892)	661	(45)	254		362
RSVA - Power <sup>4</sup>	1588	5,907	504,522	514,430	(163,571)	(167,572)	(8,420)	(5,619)	13,480		(27,519)
RSVA - Global Adjustment <sup>4</sup>	1589	406,348	200,038	253,616	109,356	462,126	5,871	2,255	6,802		1,324
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	(76,196)				(76,196)	(22,134)	(873)			(23,007)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	360,755	(157,762)			202,993	13,816	3,312			17,128
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(294,886)	236,321			(58,565)	(4,289)	(918)			(5,207)
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0	(292,380)	(459,241)		166,861	0	1,998			1,998
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
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	406,348	200,038	253,616	109,356	462,126	5,871	2,255	6,802	0	1,324
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(416,201)	(656,293)	(264,941)	(163,571)	(971,124)	(28,859)	(9,758)	4,523	0	(43,140)
Total Group 1 Balance		(9,853)	(456,255)	(11,325)	(54,215)	(508,998)	(22,988)	(7,503)	11,325	0	(41,816)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		(9,853)	(456,255)	(11,325)	(54,215)	(508,998)	(22,988)	(7,503)	11,325	0	(41,816)

		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 <sup>1</sup> 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 <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	6,235	(4,192)	8,353		(6,310)	462	(3)	494		(35)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(877,100)	(380,623)	(52,249)		(1,205,474)	(5,993)	(12,776)	(663)		(18,106)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	99,240	(16,829)			82,411	1,093	954			2,047
RSVA - Retail Transmission Network Charge	1584	(232,128)	(73,577)	(83,356)		(222,349)	(2,457)	(3,080)	(1,097)		(4,440)
RSVA - Retail Transmission Connection Charge	1586	(34,892)	(46,835)	35,601		(117,328)	362	(1,154)	962		(1,754)
RSVA - Power <sup>4</sup>	1588	(167,572)	53,867	(508,523)		394,818	(27,519)	(3,370)	(29,828)		(1,061)
RSVA - Global Adjustment <sup>4</sup>	1589	462,126	(996,288)	152,732		(686,894)	1,324	(1,368)	1,450		(1,494)
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	(76,196)		(76,196)		0	(23,007)	(95)	(23,102)		0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	202,993			(172,968)	30,025	17,128	440		(11,718)	5,850
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(58,565)				(58,565)	(5,207)	(243)		(618)	(6,068)
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	166,861	(139,975)			26,886	1,998	817			2,815
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0	353,564	575,420		(221,856)	0	(2,268)			(2,268)
RSVA - Global Adjustment	1589	462,126	(996,288)	152,732	0	(686,894)	1,324	(1,368)	1,450	0	(1,494)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(971,124)	(254,600)	(100,950)	(172,968)	(1,297,742)	(43,140)	(20,778)	(53,234)	(12,336)	(23,020)
Total Group 1 Balance		(508,998)	(1,250,888)	51,782	(172,968)	(1,984,636)	(41,816)	(22,146)	(51,784)	(12,336)	(24,514)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0		0		0	0				0
Total including Account 1568		(508,998)	(1,250,888)	51,782	(172,968)	(1,984,636)	(41,816)	(22,146)	(51,784)	(12,336)	(24,514)



		2017			
Account Descriptions	Account Number	Principal Disposition during 2017 - instructed by OEB	Interest Disposition during 2017 - instructed by OEB	Closing Principal Balances as of Dec 31, 2016 Adjusted for Dispositions during 2017	Closing Interest Balances as of Dec 31, 2016 Adjusted for Disposition in 2017
<b>Group 1 Accounts</b>					
LV Variance Account	1550			0	0
Smart Metering Entity Charge Variance Account	1551	(2,118)	(62)	(4,192)	27
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(824,851)	(16,335)	(380,623)	(1,771)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	99,240	1,456	(16,829)	591
RSVA - Retail Transmission Network Charge	1584	(148,772)	(3,541)	(73,577)	(899)
RSVA - Retail Transmission Connection Charge	1586	(70,493)	(1,633)	(46,835)	(121)
RSVA - Power <sup>4</sup>	1588	340,951	7,311	53,867	(8,372)
RSVA - Global Adjustment <sup>4</sup>	1589	309,394	4,410	(996,288)	(5,904)
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	30,025	5,850	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	(58,565)	(6,068)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595			26,886	2,815
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>					
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595			(221,856)	(2,268)
<b>RSVA - Global Adjustment</b>	<b>1589</b>	309,394	4,410	(996,288)	(5,904)
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(634,583)	(13,022)	(663,159)	(9,998)
<b>Total Group 1 Balance</b>		(325,189)	(8,612)	(1,659,447)	(15,902)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>			0	0
<b>Total including Account 1568</b>		(325,189)	(8,612)	(1,659,447)	(15,902)

		Projected Interest on Dec-31-16 Balances				2.1.7 RRR	
Account Descriptions	Account Number	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31, 2016 balance adjusted for disposition during 2017 <sup>2</sup>	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31, 2016 balance adjusted for disposition during 2017 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2016	Variance RRR vs. 2016 Balance (Principal + Interest)
<b>Group 1 Accounts</b>							
LV Variance Account	1550			0	0	0	0
Smart Metering Entity Charge Variance Account	1551	(46)	(15)	(34)	(4,226)	(6,345)	(0)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(4,187)	(1,396)	(7,353)	(387,976)	(1,139,122)	84,458
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			0	0	0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	(185)	(62)	344	(16,485)	0	(84,458)
RSVA - Retail Transmission Network Charge	1584	(809)	(270)	(1,978)	(75,555)	(226,789)	(0)
RSVA - Retail Transmission Connection Charge	1586	(515)	(172)	(808)	(47,643)	(119,082)	(0)
RSVA - Power <sup>4</sup>	1588	593	198	(7,582)	46,285	393,757	0
RSVA - Global Adjustment <sup>4</sup>	1589	(10,959)	(3,653)	(20,516)	(1,016,804)	(688,388)	0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	(107,719)	(143,594)
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0	0	0 <input type="checkbox"/> Check to Dispose of Account	0	26,557	91,190
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	296	99	3,209 <input checked="" type="checkbox"/> Check to Dispose of Account	30,095	59,666	29,965
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>				<input type="checkbox"/> Check to Dispose of Account			
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	(2,440)	(813)	(5,522)	0	(136,834)	87,290
<b>RSVA - Global Adjustment</b>	<b>1589</b>	(10,959)	(3,653)	(20,516)	(1,016,804)	(688,388)	0
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(7,295)	(2,432)	(19,724)	(455,505)	(1,255,911)	64,851
<b>Total Group 1 Balance</b>		(18,254)	(6,085)	(40,241)	(1,472,310)	(1,944,298)	64,852
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>			0	0	34,965	34,965
<b>Total including Account 1568</b>		(18,254)	(6,085)	(40,241)	(1,472,310)	(1,909,333)	99,817

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	163,109,690	0	7,201,858
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	53,545,593	0	7,772,572
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	143,431,671	402,254	128,010,710
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	976,708	0	156,209
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	749,348	2,061	31,866
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,575,426	4,561	1,575,426
<b>Total</b>		363,388,436	408,876	144,748,641

#### Threshold Test

Total Claim (including Account 1568)	(\$1,472,310)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$1,472,310)
Threshold Test (Total claim per kWh) <sup>2</sup>	(\$0.0041)

Rate Class	Unit	Metered <b>kW</b> for Non-RPP Customers (excluding WMP)	Metered <b>kWh</b> for Wholesale Market Participants (WMP)	Metered <b>kW</b> for Wholesale Market Participants (WMP)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0	0	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	0	0	0
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	354,797	3,164,185	5727
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	89	0	0
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,561	0	0
<b>Total</b>		359,447	3,164,185	5,727

#### Threshold Test

**Total Claim (including Account 1568)**

**Total Claim for Threshold Test (All Group 1 Accounts)**

**Threshold Test (Total claim per kWh) <sup>2</sup>**

Rate Class	Unit	Total Metered <b>kWh</b> less WMP consumption (if applicable)	Total Metered <b>kW</b> less WMP consumption (if applicable)	1595 Recovery Proportion (2015) <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	163,109,690	0	39%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	53,545,593	0	13%
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	140,267,486	396,527	47%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	976,708	0	0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	749,348	2,061	0%
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,575,426	4,561	0%
<b>Total</b>		360,224,251	403,149	100%

#### Threshold Test

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

Threshold Test (Total claim per kWh) <sup>2</sup>

Rate Class	Unit	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh		20,907
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh		1,783
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW		
STREET LIGHTING SERVICE CLASSIFICATION	kW		
<b>Total</b>		0	22,690

**Threshold Test**

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

Threshold Test (Total claim per kWh) <sup>2</sup>

1568 Account Balance from Continuity Schedule	0
Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule	

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	1550
RESIDENTIAL SERVICE CLASSIFICATION	44.9%	92.1%	45.3%	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	14.7%	7.9%	14.9%	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	39.5%	0.0%	38.9%	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.3%	0.0%	0.3%	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	0
Total	100.0%	100.0%	100.0%	0

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

Allocation of Group 1 Accounts (including Account

Rate Class	allocated based on Total less WMP			
	1551	1580	1584	1586
RESIDENTIAL SERVICE CLASSIFICATION	(3,894)	(175,676)	(33,913)	(21,385)
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	(332)	(57,671)	(11,133)	(7,020)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	0	(151,074)	(29,822)	(18,805)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0	(1,052)	(203)	(128)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0	(807)	(156)	(98)
STREET LIGHTING SERVICE CLASSIFICATION	0	(1,697)	(328)	(207)
Total	(4,226)	(387,976)	(75,555)	(47,643)

\*\* Used to allocate Account 1551 as this account records the variances arising



Allocation of Group 1 Accounts (including Account

Rate Class	allocated based on Total less WMP		
	1588	1595_(2015)	1568
RESIDENTIAL SERVICE CLASSIFICATION	20,958	11,707	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	6,880	3,942	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	18,023	14,205	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	125	90	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	96	60	0
STREET LIGHTING SERVICE CLASSIFICATION	202	90	0
Total	46,285	30,095	0

*\*\* Used to allocate Account 1551 as this account records the variances arising*

1 Please enter the Year the Account 1589 GA Balance was Last Disposed. 2015 (e.g. If in the 2016 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2014, enter 2014.)

2a 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)? Yes (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.)

2b 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). Yes (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.)

3a Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated. 1

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2016	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	6,172,888	6,018,584
		kW	23,414	25,195
		Class A/B	B	A

3b 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
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The purpose of this tab is to calculate the GA rate riders for all current Classes. The GA was last disposed. Calculations in this tab will be modified upon completion of the GA. The following are the GA rate riders that are currently applicable.

Effective January 2017, the billing determinant and all rate riders for the distribution rates for the particular class (see Chapter 10 of the GA Code of Ordinances) will be modified upon completion of the GA.

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

**Total Metered Non-RPP 2016  
Consumption excluding WMP**

---

**kWh**

RESIDENTIAL SERVICE CLASSIFICATION	kWh	7,201,858
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	7,772,572
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	128,010,710
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	156,209
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	31,866
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,575,426
<b>Total</b>		<b>144,748,641</b>

**Total Metered 2016 Consumption  
for Class A Customers that were  
Class A for the entire period GA  
blance accumulated**

---

**kWh**

RESIDENTIAL SERVICE CLASSIFICATION	kWh	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh	0
<b>Total</b>		<b>0</b>

**Total Metered 2016 Consumption for  
Customers that Transitioned  
Between Class A and B during the  
period GA balance accumulated**

---

**kWh**

RESIDENTIAL SERVICE CLASSIFICATION	kWh	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	12,191,472
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh	0
<b>Total</b>		<b>12,191,472</b>

**Non-RPP Metered Consumption for Current  
Class B Customers (Non-RPP Consumption  
excluding WMP, Class A and Transition  
Customers' Consumption)**

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**kWh**

RESIDENTIAL SERVICE CLASSIFICATION	kWh	7,201,858
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	7,772,572
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	115,819,238
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	156,209
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	31,866
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,575,426
<b>Total</b>		<b>132,557,169</b>

		% of total kWh	Total GA \$ allocated to Current Class B Customers
RESIDENTIAL SERVICE CLASSIFICATION	kWh	5.4%	(\$52,785)
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	5.9%	(\$56,968)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	87.4%	(\$848,882)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0.1%	(\$1,145)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0.0%	(\$234)
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1.2%	(\$11,547)
<b>Total</b>		100.0%	(\$971,561)



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**GA Rate Rider**

RESIDENTIAL SERVICE CLASSIFICATION	kWh	-\$0.0073	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	-\$0.0073	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	-\$0.0073	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	-\$0.0073	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	-\$0.0073	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	-\$0.0073	kWh

---

**Total**

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	138,730,057	138,730,057
All Class B Consumption (i.e. full year or partial year) for Transition Customers	B	6,172,888	6,172,888
Transition Customers' Portion of Total Consumption	C=B/A	4.45%	

**Allocation of Total GA Balance \$**

Total GA Balance	D	-\$ 1,016,804
Transition Customers Portion of GA Balance	E=C*D	45,243
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$ 971,561

**Allocation of GA Balances to Class A/B Transition Customers**

# of Class A/B Transition Customers		1				
Customer		Total Metered Consumption (kWh) for Transition Customers During the Period They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period They Were Class B Customers in 2016	% of kWh	Customer Specific GA Allocation During the Period They Were a Class B customer	Monthly Equal Payments
Customer 1		6,172,888	6,172,888	100.00%	-\$ 45,243	-\$ 3,770
Total		6,172,888	6,172,888	100.00%	-\$ 45,243	

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class /

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

		Total Metered 2016 Consumption Minus WMP		Total Metered 2016 Consumption A customers that were in entire period CBR Class B accumulated
		kWh	kW	kWh
RESIDENTIAL SERVICE CLASSIFICATION	kWh	163,109,690	0	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	53,545,593	0	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	140,267,486	396,527	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	976,708	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	749,348	2,061	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,575,426	4,561	0
<b>Total</b>		<b>360,224,251</b>	<b>403,149</b>	<b>0</b>

The purpose of this tab is to calculate the CBR rate riders for all current Class A and B in the period since the Account 15

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

2016

established starting in 2015)

	Assumption for Class Class A for the Class B balance and	Total Metered 2016 Consumption that Transitioned Between (1/1/15) the period CBR Class B balance the period CBR Class B balance
	kW	kWh
RESIDENTIAL SERVICE CLASSIFICATION	kWh 0	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh 0	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh 0	12,191,472
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh 0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh 0	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh 0	0
<b>Total</b>	0	12,191,472

The purpose of this tab is to calculate the CBR rate riders for all current Class B, sub-account CBR Class B balance accumulated

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

2016

		Option for Customers Class A and B during Balance accumulated	Metered Consumption for Customers (Total Consumption A and Transition Customers)
		kW	kWh
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0	163,109,690
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	0	53,545,593
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	48,609	128,076,014
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	976,708
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	749,348
STREET LIGHTING SERVICE CLASSIFICATION	kWh	0	1,575,426
<b>Total</b>		48,609	348,032,779

The purpose of this tab is to calculate the CBR rate riders for all current Clated.

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

2016

		Current Class B n LESS WMP, Class s' Consumption)	% of total kWh
		<b>kW</b>	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0	46.9%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	0	15.4%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	347,918	36.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	2,061	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kWh	4,561	0.5%
<b>Total</b>		<b>354,540</b>	<b>100.0%</b>

The purpose of this tab is to calculate the CBR rate riders for all current Cla:

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

2016

		Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(\$7,591)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	(\$2,492)	\$0.0000	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	(\$5,961)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	(\$45)	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	(\$35)	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	(\$73)	\$0.0000	kW
<b>Total</b>		<b>(\$16,197)</b>	<b>\$0.0000</b>	

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)	A	354,205,667	354,205,667
All Class B Consumption (i.e. full year or partial year) for Transition Customers	B	6,172,888	6,172,888
<b>Transition Customers' Portion of Total Consumption</b>	<b>C=B/A</b>	<b>1.74%</b>	<b>348,032,779</b>

**Allocation of Total CBR Class B Balance \$**

Total CBR Class B Balance	D	-\$	16,485
Transition Customers Portion of CBR Class B Balance	E=D*C	-\$	287
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$	16,198

**Allocation of CBR Class B Balances to Transition Customers**

# of Class A/B Transition Customers		1				
Customer		Total Metered Class B Consumption (kWh) for Transition Customers During the Period They were Class B Customers	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		6,172,888	6,172,888	100.00%	-\$ 287	24
Total		6,172,888	6,172,888	100.00%	-\$ 287	24



**Input required at cell C13 only.** This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) an

Default Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
Proposed Rate Rider Recovery Period (in months)	12	

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption
RESIDENTIAL SERVICE CLASSIFICATION	kWh	163,109,690	0	163,109,690	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	53,545,593	0	53,545,593	0
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	143,431,671	402,254	140,267,486	396,527
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	976,708	0	976,708	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	749,348	2,061	749,348	2,061
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,575,426	4,561	1,575,426	4,561

<sup>1</sup> 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 c

<sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rat combined Deferral/Variance Account and Rate Rider.

**Input required at cell C13 only.** This workshseet calculates rate riders rel@d rate riders for Account 1568. Rate Riders will not be generated for the

Default Rate Rider Recovery Period (in months)				
Proposed Rate Rider Recovery Period (in months)				
		Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	Allocation of Group 1 Account Balances to Non- WMP Classes Only (If Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider <sup>2</sup>
Rate Class	Unit			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(202,204)		(0.0012)
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	(65,334)		(0.0012)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	(34,422)	(133,051)	(0.0856)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	(1,167)		(0.0012)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	(905)		(0.4389)
STREET LIGHTING SERVICE CLASSIFICATION	kW	(1,938)		(0.4250)

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customers consideration if there are Class A customers since the rate riders, if any, are calculated based on the total number of Class A customers.

<sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate classes without WMP customers, balances in account 1580 and 1588 are included in the combined Deferral/Variance Account and Rate Rider.

Input required at cell C13 only. This workshseet calculates rate riders rela microFIT class.

Default Rate Rider Recovery Period (in months) Proposed Rate Rider Recovery Period (in months)				
Rate Class	Unit	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	Revenue Reconciliation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0.0000	0.0000	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	0.0000	0.0000	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	(0.3355)	0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	0.0000	0.0000	(439,020.62)

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customercalculated separately.

<sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Ratluded in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

## Summary - Sharing of Tax Change Forecast Amounts

For the 2017 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

20,000

### 1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2017	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	\$ 33,665,167	\$ 33,665,167
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 33,665,167	\$ 33,665,167
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	\$ 328,135	\$ 328,135
Corporate Tax Rate	26.50%	26.50%
Tax Impact	\$ 66,956	\$ 66,956
Grossed-up Tax Amount	\$ 91,097	\$ 91,096
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 91,097	\$ 91,096
Total Tax Related Amounts	\$ 91,097	\$ 91,096
Incremental Tax Savings		-\$ 1
Sharing of Tax Amount (50%)		-\$ 0

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	0.0077	163,109,690	0	1.0476	170,873,711
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	163,109,690	0	1.0476	170,873,711
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	53,545,593	0	1.0476	56,094,363
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	53,545,593	0	1.0476	56,094,363
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3145	143,431,671	402,254		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9948	143,431,671	402,254		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	976,708	0	1.0476	1,023,199
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	976,708	0	1.0476	1,023,199
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1670	749,348	2,061		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6448	749,348	2,061		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1623	1,575,426	4,561		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6411	1,575,426	4,561		

Uniform Transmission Rates		2016		2017	2018
Rate Description	Unit	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		2016		2017	2018
Rate Description	Unit	Rate		Rate	Rate
		January - 2016	February - December 2016		
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)		2016		2017	2018
Rate Description	Unit	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)		2016		2017	2018
Rate Description	Unit	Rate		Rate	Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Historical 2016		Current 2017	Forecast 2018
	\$				

# Incentive Regulation Model for 2018 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	58,418	\$3.66	\$ 213,810	59,239	\$0.87	\$ 51,538	59,239	\$2.02	\$ 119,663				\$ 171,201
February	56,946	\$3.66	\$ 208,422	57,092	\$0.87	\$ 49,670	57,092	\$2.02	\$ 115,326				\$ 164,996
March	53,513	\$3.66	\$ 195,858	54,027	\$0.87	\$ 47,003	54,027	\$2.02	\$ 109,135				\$ 156,138
April	51,138	\$3.66	\$ 187,165	51,203	\$0.87	\$ 44,547	51,203	\$2.02	\$ 103,430				\$ 147,977
May	55,528	\$3.66	\$ 203,232	60,060	\$0.87	\$ 52,252	60,060	\$2.02	\$ 121,321				\$ 173,573
June	64,359	\$3.66	\$ 235,554	67,468	\$0.87	\$ 58,697	67,468	\$2.02	\$ 136,285				\$ 194,983
July	72,187	\$3.66	\$ 264,204	74,185	\$0.87	\$ 64,541	74,185	\$2.02	\$ 149,854				\$ 214,395
August	76,070	\$3.66	\$ 278,416	77,484	\$0.87	\$ 67,411	77,484	\$2.02	\$ 156,518				\$ 223,929
September	76,033	\$3.66	\$ 278,281	76,477	\$0.87	\$ 66,535	76,477	\$2.02	\$ 154,484				\$ 221,019
October	47,932	\$3.66	\$ 175,431	48,176	\$0.87	\$ 41,913	48,176	\$2.02	\$ 97,316				\$ 139,229
November	54,031	\$3.66	\$ 197,753	54,385	\$0.87	\$ 47,315	54,385	\$2.02	\$ 109,858				\$ 157,173
December	60,259	\$3.66	\$ 220,548	60,259	\$0.87	\$ 52,425	60,260	\$2.02	\$ 121,725				\$ 174,151
<b>Total</b>	<b>726,414</b>	<b>\$ 3.66</b>	<b>\$ 2,658,675</b>	<b>740,055</b>	<b>\$ 0.87</b>	<b>\$ 643,848</b>	<b>740,056</b>	<b>\$ 2.02</b>	<b>\$ 1,494,913</b>				<b>\$ 2,138,761</b>

  

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000			\$0.0000		\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

  

Add Extra Host Here (I) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	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		\$ -			\$ -			\$ -			\$ -		\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

# Incentive Regulation Model for 2018 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

Add Extra Host Here (II) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	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		\$ -			\$ -			\$ -			\$ -		\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

  

Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	58,418	\$ 3.6600	\$ 213,810	59,239	\$ 0.8700	\$ 51,538	59,239	\$ 2.0200	\$ 119,663				\$ 171,201
February	56,946	\$ 3.6600	\$ 208,422	57,092	\$ 0.8700	\$ 49,670	57,092	\$ 2.0200	\$ 115,326				\$ 164,996
March	53,513	\$ 3.6600	\$ 195,858	54,027	\$ 0.8700	\$ 47,003	54,027	\$ 2.0200	\$ 109,135				\$ 156,138
April	51,138	\$ 3.6600	\$ 187,165	51,203	\$ 0.8700	\$ 44,547	51,203	\$ 2.0200	\$ 103,430				\$ 147,977
May	55,528	\$ 3.6600	\$ 203,232	60,060	\$ 0.8700	\$ 52,252	60,060	\$ 2.0200	\$ 121,321				\$ 173,573
June	64,359	\$ 3.6600	\$ 235,554	67,468	\$ 0.8700	\$ 58,697	67,468	\$ 2.0200	\$ 136,285				\$ 194,983
July	72,187	\$ 3.6600	\$ 264,204	74,185	\$ 0.8700	\$ 64,541	74,185	\$ 2.0200	\$ 149,854				\$ 214,395
August	76,070	\$ 3.6600	\$ 278,416	77,484	\$ 0.8700	\$ 67,411	77,484	\$ 2.0200	\$ 156,518				\$ 223,929
September	76,033	\$ 3.6600	\$ 278,281	76,477	\$ 0.8700	\$ 66,535	76,477	\$ 2.0200	\$ 154,484				\$ 221,019
October	47,932	\$ 3.6600	\$ 175,431	48,176	\$ 0.8700	\$ 41,913	48,176	\$ 2.0200	\$ 97,316				\$ 139,229
November	54,031	\$ 3.6600	\$ 197,753	54,385	\$ 0.8700	\$ 47,315	54,385	\$ 2.0200	\$ 109,858				\$ 157,173
December	60,259	\$ 3.6600	\$ 220,548	60,259	\$ 0.8700	\$ 52,425	60,260	\$ 2.0200	\$ 121,725				\$ 174,151
<b>Total</b>	726,414	\$ 3.66	\$ 2,658,675	740,055	\$ 0.87	\$ 643,848	740,056	\$ 2.02	\$ 1,494,913				\$ 2,138,761

  

Low Voltage Switchgear Credit (if applicable)													\$ -
Total including deduction for Low Voltage Switchgear Credit													\$ 2,138,761



# Incentive Regulation Model for 2018 Filers

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

IESO		Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	58,418	\$ 3.6600	\$ 213,810	59,239	\$ 0.8700	\$ 51,538	59,239	\$ 2.0200	\$ 119,663	\$ 171,201	
February	56,946	\$ 3.6600	\$ 208,422	57,092	\$ 0.8700	\$ 49,670	57,092	\$ 2.0200	\$ 115,326	\$ 164,996	
March	53,513	\$ 3.6600	\$ 195,858	54,027	\$ 0.8700	\$ 47,003	54,027	\$ 2.0200	\$ 109,135	\$ 156,138	
April	51,138	\$ 3.6600	\$ 187,165	51,203	\$ 0.8700	\$ 44,547	51,203	\$ 2.0200	\$ 103,430	\$ 147,977	
May	55,528	\$ 3.6600	\$ 203,232	60,060	\$ 0.8700	\$ 52,252	60,060	\$ 2.0200	\$ 121,321	\$ 173,573	
June	64,359	\$ 3.6600	\$ 235,554	67,468	\$ 0.8700	\$ 58,697	67,468	\$ 2.0200	\$ 136,285	\$ 194,983	
July	72,187	\$ 3.6600	\$ 264,204	74,185	\$ 0.8700	\$ 64,541	74,185	\$ 2.0200	\$ 149,854	\$ 214,395	
August	76,070	\$ 3.6600	\$ 278,416	77,484	\$ 0.8700	\$ 67,411	77,484	\$ 2.0200	\$ 156,518	\$ 223,929	
September	76,033	\$ 3.6600	\$ 278,281	76,477	\$ 0.8700	\$ 66,535	76,477	\$ 2.0200	\$ 154,484	\$ 221,019	
October	47,932	\$ 3.6600	\$ 175,431	48,176	\$ 0.8700	\$ 41,913	48,176	\$ 2.0200	\$ 97,316	\$ 139,229	
November	54,031	\$ 3.6600	\$ 197,753	54,385	\$ 0.8700	\$ 47,315	54,385	\$ 2.0200	\$ 109,858	\$ 157,173	
December	60,259	\$ 3.6600	\$ 220,548	60,259	\$ 0.8700	\$ 52,425	60,260	\$ 2.0200	\$ 121,725	\$ 174,151	
Total	726,414	\$ 3.66	\$ 2,658,675	740,055	\$ 0.87	\$ 643,848	740,056	\$ 2.02	\$ 1,494,913	\$ 2,138,761	

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed		Rate	Amount	Units Billed		Rate	Amount	Units Billed		Rate	Amount	Amount
January	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
February	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
March	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
April	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
May	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
June	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
July	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
August	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
September	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
October	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
November	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
December	-	\$	3.1942	\$ -	-	\$	0.7710	\$ -	-	\$	1.7493	\$ -	\$ -
Total	-	\$	-	\$ -	-	\$	-	\$ -	-	\$	-	\$ -	\$ -

Add Extra Host Here (I)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

# Incentive Regulation Model for 2018 Filers

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

Add Extra Host Here (II)		Network			Line Connection			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	-	\$	-	\$	-	\$	-	\$	-	\$	-
<b>Total</b>	-	\$	-	\$	-	\$	-	\$	-	\$	-

  

Total		Network			Line Connection			Transformation Connection			Total Connection
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	58,418	\$	3.6600	\$ 213,810	59,239	\$ 0.8700	\$ 51,538	59,239	\$ 2.0200	\$ 119,663	\$ 171,201
February	56,946	\$	3.6600	\$ 208,422	57,092	\$ 0.8700	\$ 49,670	57,092	\$ 2.0200	\$ 115,326	\$ 164,996
March	53,513	\$	3.6600	\$ 195,858	54,027	\$ 0.8700	\$ 47,003	54,027	\$ 2.0200	\$ 109,135	\$ 156,138
April	51,138	\$	3.6600	\$ 187,165	51,203	\$ 0.8700	\$ 44,547	51,203	\$ 2.0200	\$ 103,430	\$ 147,977
May	55,528	\$	3.6600	\$ 203,232	60,060	\$ 0.8700	\$ 52,252	60,060	\$ 2.0200	\$ 121,321	\$ 173,573
June	64,359	\$	3.6600	\$ 235,554	67,468	\$ 0.8700	\$ 58,697	67,468	\$ 2.0200	\$ 136,285	\$ 194,983
July	72,187	\$	3.6600	\$ 264,204	74,185	\$ 0.8700	\$ 64,541	74,185	\$ 2.0200	\$ 149,854	\$ 214,395
August	76,070	\$	3.6600	\$ 278,416	77,484	\$ 0.8700	\$ 67,411	77,484	\$ 2.0200	\$ 156,518	\$ 223,929
September	76,033	\$	3.6600	\$ 278,281	76,477	\$ 0.8700	\$ 66,535	76,477	\$ 2.0200	\$ 154,484	\$ 221,019
October	47,932	\$	3.6600	\$ 175,431	48,176	\$ 0.8700	\$ 41,913	48,176	\$ 2.0200	\$ 97,316	\$ 139,229
November	54,031	\$	3.6600	\$ 197,753	54,385	\$ 0.8700	\$ 47,315	54,385	\$ 2.0200	\$ 109,858	\$ 157,173
December	60,259	\$	3.6600	\$ 220,548	60,259	\$ 0.8700	\$ 52,425	60,260	\$ 2.0200	\$ 121,725	\$ 174,151
<b>Total</b>	726,414	\$	3.66	\$ 2,658,675	740,055	\$ 0.87	\$ 643,848	740,056	\$ 2.02	\$ 1,494,913	\$ 2,138,761

  

Low Voltage Switchgear Credit (if applicable)											\$ -
Total including deduction for Low Voltage Switchgear Credit											\$ 2,138,761



# Incentive Regulation Model for 2018 Filers

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

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	58,418	\$ 3.6600	\$ 213,810	59,239	\$ 0.8700	\$ 51,538	59,239	\$ 2.0200	\$ 119,663	\$		\$ 171,201	
February	56,946	\$ 3.6600	\$ 208,422	57,092	\$ 0.8700	\$ 49,670	57,092	\$ 2.0200	\$ 115,326	\$		\$ 164,996	
March	53,513	\$ 3.6600	\$ 195,858	54,027	\$ 0.8700	\$ 47,003	54,027	\$ 2.0200	\$ 109,135	\$		\$ 156,138	
April	51,138	\$ 3.6600	\$ 187,165	51,203	\$ 0.8700	\$ 44,547	51,203	\$ 2.0200	\$ 103,430	\$		\$ 147,977	
May	55,528	\$ 3.6600	\$ 203,232	60,060	\$ 0.8700	\$ 52,252	60,060	\$ 2.0200	\$ 121,321	\$		\$ 173,573	
June	64,359	\$ 3.6600	\$ 235,554	67,468	\$ 0.8700	\$ 58,697	67,468	\$ 2.0200	\$ 136,285	\$		\$ 194,983	
July	72,187	\$ 3.6600	\$ 264,204	74,185	\$ 0.8700	\$ 64,541	74,185	\$ 2.0200	\$ 149,854	\$		\$ 214,395	
August	76,070	\$ 3.6600	\$ 278,416	77,484	\$ 0.8700	\$ 67,411	77,484	\$ 2.0200	\$ 156,518	\$		\$ 223,929	
September	76,033	\$ 3.6600	\$ 278,281	76,477	\$ 0.8700	\$ 66,535	76,477	\$ 2.0200	\$ 154,484	\$		\$ 221,019	
October	47,932	\$ 3.6600	\$ 175,431	48,176	\$ 0.8700	\$ 41,913	48,176	\$ 2.0200	\$ 97,316	\$		\$ 139,229	
November	54,031	\$ 3.6600	\$ 197,753	54,385	\$ 0.8700	\$ 47,315	54,385	\$ 2.0200	\$ 109,858	\$		\$ 157,173	
December	60,259	\$ 3.6600	\$ 220,548	60,259	\$ 0.8700	\$ 52,425	60,260	\$ 2.0200	\$ 121,725	\$		\$ 174,151	
Total	726,414	\$ 3.66	\$ 2,658,675	740,055	\$ 0.87	\$ 643,848	740,056	\$ 2.02	\$ 1,494,913			\$ 2,138,761	

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
February	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
March	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
April	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
May	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
June	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
July	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
August	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
September	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
October	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
November	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -		\$ -	
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -		\$ -	

Add Extra Host Here (I)				Network			Line Connection			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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -		\$ -	



# Incentive Regulation Model for 2018 Filers

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

Add Extra Host Here (II)				Network			Line Connection			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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	58,418	\$ 3.66	\$ 213,810	59,239	\$ 0.87	\$ 51,538	59,239	\$ 2.02	\$ 119,663	\$ 171,201
February	56,946	\$ 3.66	\$ 208,422	57,092	\$ 0.87	\$ 49,670	57,092	\$ 2.02	\$ 115,326	\$ 164,996
March	53,513	\$ 3.66	\$ 195,858	54,027	\$ 0.87	\$ 47,003	54,027	\$ 2.02	\$ 109,135	\$ 156,138
April	51,138	\$ 3.66	\$ 187,165	51,203	\$ 0.87	\$ 44,547	51,203	\$ 2.02	\$ 103,430	\$ 147,977
May	55,528	\$ 3.66	\$ 203,232	60,060	\$ 0.87	\$ 52,252	60,060	\$ 2.02	\$ 121,321	\$ 173,573
June	64,359	\$ 3.66	\$ 235,554	67,468	\$ 0.87	\$ 58,697	67,468	\$ 2.02	\$ 136,285	\$ 194,983
July	72,187	\$ 3.66	\$ 264,204	74,185	\$ 0.87	\$ 64,541	74,185	\$ 2.02	\$ 149,854	\$ 214,395
August	76,070	\$ 3.66	\$ 278,416	77,484	\$ 0.87	\$ 67,411	77,484	\$ 2.02	\$ 156,518	\$ 223,929
September	76,033	\$ 3.66	\$ 278,281	76,477	\$ 0.87	\$ 66,535	76,477	\$ 2.02	\$ 154,484	\$ 221,019
October	47,932	\$ 3.66	\$ 175,431	48,176	\$ 0.87	\$ 41,913	48,176	\$ 2.02	\$ 97,316	\$ 139,229
November	54,031	\$ 3.66	\$ 197,753	54,385	\$ 0.87	\$ 47,315	54,385	\$ 2.02	\$ 109,858	\$ 157,173
December	60,259	\$ 3.66	\$ 220,548	60,259	\$ 0.87	\$ 52,425	60,260	\$ 2.02	\$ 121,725	\$ 174,151
Total	726,414	\$ 3.66	\$ 2,658,675	740,055	\$ 0.87	\$ 643,848	740,056	\$ 2.02	\$ 1,494,913	\$ 2,138,761

Low Voltage Switchgear Credit (if applicable)											\$ -
Total including deduction for Low Voltage Switchgear Credit											\$ 2,138,761

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	0.0077	170,873,711	0	1,315,728	49.7%	1,320,298	0.0077
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	56,094,363	0	381,442	14.4%	382,767	0.0068
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3145		402,254	931,017	35.1%	934,251	2.3225
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	1,023,199	0	6,958	0.3%	6,982	0.0068
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1670		2,061	4,466	0.2%	4,482	2.1745
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1623		4,561	9,862	0.4%	9,897	2.1698

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	170,873,711	0	1,025,242	48.1%	1,029,540	0.0060
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	56,094,363	0	286,081	13.4%	287,280	0.0051
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9948		402,254	802,416	37.7%	805,780	2.0032
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	1,023,199	0	5,218	0.2%	5,240	0.0051
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6448		2,061	3,390	0.2%	3,404	1.6517
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6411		4,561	7,485	0.4%	7,516	1.6480

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077	170,873,711	0	1,320,298	49.7%	1,320,298	<b>0.0077</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	56,094,363	0	382,767	14.4%	382,767	<b>0.0068</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3225		402,254	934,251	35.1%	934,251	<b>2.3225</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	1,023,199	0	6,982	0.3%	6,982	<b>0.0068</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1745		2,061	4,482	0.2%	4,482	<b>2.1745</b>
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1698		4,561	9,897	0.4%	9,897	<b>2.1698</b>

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060	170,873,711	0	1,029,540	48.1%	1,029,540	<b>0.0060</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	56,094,363	0	287,280	13.4%	287,280	<b>0.0051</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0032		402,254	805,780	37.7%	805,780	<b>2.0032</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	1,023,199	0	5,240	0.2%	5,240	<b>0.0051</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6517		2,061	3,404	0.2%	3,404	<b>1.6517</b>
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6480		4,561	7,516	0.4%	7,516	<b>1.6480</b>

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)	21,025	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	II	Price Cap Index	1.75%	Billed kWh for Residential Class (approved in the last CoS)	165,052,031	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.15%			Rate Design Transition Years Left	2		

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	22.26		0.0074		1.75%	25.11	0.0038
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	30.91		0.0091		1.75%	31.45	0.0093
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	281.42		3.0345		1.75%	286.34	3.0876
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	10.31		0.0068		1.75%	10.49	0.0069
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.8		8.5041		1.75%	3.87	8.6529
STREET LIGHTING SERVICE CLASSIFICATION	0.6		2.519		1.75%	0.61	2.5631
microFIT SERVICE CLASSIFICATION	11					11	

		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split
Rate Design Transition								
Current Residential Fixed Rate (inclusive of R/C adj.)	22.2600	5,616,198	82.1%	8.9%	2.42	91.1%	24.68	6,226,764
Current Residential Variable Rate (inclusive of R/C adj.)	0.0074	1,221,385	17.9%			8.9%	0.0037	610,693
		6,837,583						6,837,457

<sup>1</sup> 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.
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# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached or semi-detached units, as defined in the local zoning by-law. 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	\$	25.11
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060

### 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



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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	\$	31.45
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0093
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
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 (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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings whose 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 5,000 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	286.34
Distribution Volumetric Rate	\$/kW	3.0876
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.3355)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.0856)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0032

#### 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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Unmetered or flat connections are permitted with the approval of Welland Hydro-Electric System Corp. Engineering Department. Flat rate connects may include, but are not limited to, Traffic Lights, Street Lights, Bus Shelters, and Signs. Energy consumption is determined by information provided by the customer and/or load measurement taken by Welland Hydro-Electric System Corp. following connection of the flat service. 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)	\$	10.49
Distribution Volumetric Rate	\$/kWh	0.0069
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
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 (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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting not classified as unmetered or street lighting. The consumption for the customer will be based on the calculated connected load times a twelve hour day times the applicable billing period. 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)	\$	3.87
Distribution Volumetric Rate	\$/kW	8.6529
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4389)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1745
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6517

### 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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0081

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the Street Lighting system owned by the City of Welland. Welland Hydro-Electric System Corp. provides new installations and maintenance of the street lighting system, as required by the City of Welland. 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 device)	\$	0.61
Distribution Volumetric Rate	\$/kW	2.5631
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0073)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4250)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1698
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6480

### 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

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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EB-2017-0081

### 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	\$	11.00
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# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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EB-2017-0081

### ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.70)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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EB-2017-0081

### SPECIFIC SERVICE CHARGES

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

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

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

#### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Account history	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection – during regular hours	\$	30.00
Disconnect/Reconnect at Meter - during regular hours	\$	65.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Install/Remove Load Control Device - during regular hours	\$	65.00

#### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Meter upgrade requested by customer plus installation-per month plus installation on a time and material basis	\$	10.00



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

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EB-2017-0081

### RETAIL SERVICE CHARGES (if applicable)

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

# **Welland Hydro-Electric System Corp.**

## **TARIFF OF RATES AND CHARGES**

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

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

**EB-2017-0081**

### **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

1.0476

Total Loss Factor - Primary Metered Customer < 5,000 kW

1.0371

## APPENDIX - E

### BILL IMPACT SHEETS

### Table 1

[illegible]

### Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.26	1	\$ 22.26	\$ 25.11	1	\$ 25.11	\$ 2.85	12.80%
Distribution Volumetric Rate	\$ 0.0074	750	\$ 5.55	\$ 0.0038	750	\$ 2.85	\$ (2.70)	-48.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0001	750	\$ (0.08)	\$ -	750	\$ -	\$ 0.08	100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 27.74</b>			<b>\$ 27.96</b>	<b>\$ 0.22</b>	<b>0.81%</b>
Line Losses on Cost of Power	\$ 0.0822	36	\$ 2.93	\$ 0.0822	36	\$ 2.93	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0018	750	\$ (1.35)	-\$ 0.0012	750	\$ (0.90)	\$ 0.45	33.33%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 1.03	1	\$ 1.03	\$ 0.79	1	\$ 0.79	\$ (0.24)	-23.18%
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 30.35</b>			<b>\$ 30.78</b>	<b>\$ 0.44</b>	<b>1.44%</b>
RTSR - Network	\$ 0.0077	786	\$ 6.05	\$ 0.0077	786	\$ 6.05	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	786	\$ 4.71	\$ 0.0060	786	\$ 4.71	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 41.11</b>			<b>\$ 41.55</b>	<b>\$ 0.44</b>	<b>1.06%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	786	\$ 2.83	\$ 0.0036	786	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	786	\$ 0.24	\$ 0.0003	786	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	128	\$ 12.11	\$ 0.0950	128	\$ 12.11	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 106.04</b>			<b>\$ 106.48</b>	<b>\$ 0.44</b>	<b>0.41%</b>
HST	13%		\$ 13.79	13%		\$ 13.84	\$ 0.06	0.41%
8% Rebate	8%		\$ (8.48)	8%		\$ (8.52)	\$ (0.03)	
<b>Total Bill on TOU</b>			<b>\$ 111.35</b>			<b>\$ 111.81</b>	<b>\$ 0.46</b>	<b>0.41%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 30.91	1	\$ 30.91	\$ 31.45	1	\$ 31.45	\$ 0.54	1.75%
Distribution Volumetric Rate	\$ 0.0091	2000	\$ 18.20	\$ 0.0093	2000	\$ 18.60	\$ 0.40	2.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	2000	\$ 0.20	\$ -	2000	\$ -	\$ (0.20)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 49.31</b>			<b>\$ 50.05</b>	<b>\$ 0.74</b>	<b>1.50%</b>
Line Losses on Cost of Power	\$ 0.0822	95	\$ 7.82	\$ 0.0822	95	\$ 7.82	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0015	2,000	\$ (3.00)	-\$ 0.0012	2,000	\$ (2.40)	\$ 0.60	20.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 54.92</b>			<b>\$ 56.26</b>	<b>\$ 1.34</b>	<b>2.44%</b>
RTSR - Network	\$ 0.0068	2,095	\$ 14.25	\$ 0.0068	2,095	\$ 14.25	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0051	2,095	\$ 10.69	\$ 0.0051	2,095	\$ 10.69	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 79.85</b>			<b>\$ 81.19</b>	<b>\$ 1.34</b>	<b>1.68%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,095	\$ 7.54	\$ 0.0036	2,095	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,095	\$ 0.63	\$ 0.0003	2,095	\$ 0.63	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	340	\$ 32.30	\$ 0.0950	340	\$ 32.30	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 266.60</b>			<b>\$ 267.94</b>	<b>\$ 1.34</b>	<b>0.50%</b>
HST	13%		\$ 34.66	13%		\$ 34.83	\$ 0.17	0.50%
8% Rebate	8%		\$ (21.33)	8%		\$ (21.43)	\$ (0.11)	
<b>Total Bill on TOU</b>			<b>\$ 279.93</b>			<b>\$ 281.33</b>	<b>\$ 1.41</b>	<b>0.50%</b>

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	32,400	kWh	
Demand	60	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 281.42	1	\$ 281.42	\$ 286.34	1	\$ 286.34	\$ 4.92	1.75%
Distribution Volumetric Rate	\$ 3.0345	60	\$ 182.07	\$ 3.0876	60	\$ 185.26	\$ 3.19	1.75%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0749	60	\$ 4.49	\$ -	60	\$ -	\$ (4.49)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 467.98</b>			<b>\$ 471.60</b>	<b>\$ 3.61</b>	<b>0.77%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.4908	60	\$ (29.45)	-\$ 0.4211	60	\$ (25.27)	\$ 4.18	14.20%
CBR Class B Rate Riders	\$ -	60	\$ -	\$ -	60	\$ -	\$ -	
GA Rate Riders	\$ 0.0022	32,400	\$ 71.28	-\$ 0.0073	32,400	\$ (236.52)	\$ (307.80)	-431.82%
Low Voltage Service Charge	\$ -	60	\$ -	\$ -	60	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		60	\$ -	\$ -	60	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 509.82</b>			<b>\$ 209.81</b>	<b>\$ (300.01)</b>	<b>-58.85%</b>
RTSR - Network	\$ 2.3145	60	\$ 138.87	\$ 2.3225	60	\$ 139.35	\$ 0.48	0.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9948	60	\$ 119.69	\$ 2.0032	60	\$ 120.19	\$ 0.50	0.42%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 768.37</b>			<b>\$ 469.35</b>	<b>\$ (299.02)</b>	<b>-38.92%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	33,942	\$ 122.19	\$ 0.0036	33,942	\$ 122.19	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	33,942	\$ 10.18	\$ 0.0003	33,942	\$ 10.18	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	32,400	\$ 226.80	\$ 0.0070	32,400	\$ 226.80	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	33,942	\$ 3,737.04	\$ 0.1101	33,942	\$ 3,737.04	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 4,864.84</b>			<b>\$ 4,565.82</b>	<b>\$ (299.02)</b>	<b>-6.15%</b>
HST	13%		\$ 632.43	13%		\$ 593.56	\$ (38.87)	-6.15%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 5,497.27</b>			<b>\$ 5,159.37</b>	<b>\$ (337.89)</b>	<b>-6.15%</b>



Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	150	kWh	
Demand	-	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 10.31	1	\$ 10.31	\$ 10.49	1	\$ 10.49	\$ 0.18	1.75%
Distribution Volumetric Rate	\$ 0.0068	150	\$ 1.02	\$ 0.0069	150	\$ 1.04	\$ 0.01	1.47%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0003	150	\$ (0.05)	\$ -	150	\$ -	\$ 0.05	100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 11.29			\$ 11.53	\$ 0.24	2.13%
Line Losses on Cost of Power	\$ 0.0822	7	\$ 0.59	\$ 0.0822	7	\$ 0.59	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0016	150	\$ (0.24)	-\$ 0.0012	150	\$ (0.18)	\$ 0.06	25.00%
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		150	\$ -	\$ -	150	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 11.63			\$ 11.93	\$ 0.30	2.58%
RTSR - Network	\$ 0.0068	157	\$ 1.07	\$ 0.0068	157	\$ 1.07	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0051	157	\$ 0.80	\$ 0.0051	157	\$ 0.80	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 13.50			\$ 13.80	\$ 0.30	2.22%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	157	\$ 0.05	\$ 0.0003	157	\$ 0.05	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	98	\$ 6.34	\$ 0.0650	98	\$ 6.34	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	26	\$ 2.42	\$ 0.0950	26	\$ 2.42	\$ -	0.00%
TOU - On Peak	\$ 0.1320	27	\$ 3.56	\$ 0.1320	27	\$ 3.56	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 27.74			\$ 28.04	\$ 0.30	1.08%
HST	13%		\$ 3.61	13%		\$ 3.64	\$ 0.04	
<b>Total Bill on TOU</b>			\$ 31.34			\$ 31.68	\$ 0.34	1.08%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	120	kWh	
Demand	0	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.80	1	\$ 3.80	\$ 3.87	1	\$ 3.87	\$ 0.07	1.84%
Distribution Volumetric Rate	\$ 8.5041	0.3	\$ 2.55	\$ 8.6529	0.3	\$ 2.60	\$ 0.04	1.75%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.2295	0.3	\$ (0.07)	\$ -	0.3	\$ -	\$ 0.07	100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 6.28			\$ 6.47	\$ 0.18	2.92%
Line Losses on Cost of Power	\$ 0.0822	6	\$ 0.47	\$ 0.0822	6	\$ 0.47	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.5514	0	\$ (0.17)	-\$ 0.4389	0	\$ (0.13)	\$ 0.03	20.40%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	\$ -	120	\$ -	\$ -	120	\$ -	\$ -	
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		0	\$ -	\$ -	0	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 6.59			\$ 6.80	\$ 0.22	3.30%
RTSR - Network	\$ 2.1670	0	\$ 0.65	\$ 2.1745	0	\$ 0.65	\$ 0.00	0.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6448	0	\$ 0.49	\$ 1.6517	0	\$ 0.50	\$ 0.00	0.42%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 7.73			\$ 7.95	\$ 0.22	2.87%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	126	\$ 0.45	\$ 0.0036	126	\$ 0.45	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	126	\$ 0.04	\$ 0.0003	126	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	120	\$ 0.84	\$ 0.0070	120	\$ 0.84	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	78	\$ 5.07	\$ 0.0650	78	\$ 5.07	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	20	\$ 1.94	\$ 0.0950	20	\$ 1.94	\$ -	0.00%
TOU - On Peak	\$ 0.1320	22	\$ 2.85	\$ 0.1320	22	\$ 2.85	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 19.17			\$ 19.39	\$ 0.22	1.16%
HST	13%		\$ 2.49	13%		\$ 2.52	\$ 0.03	1.16%
<b>Total Bill on TOU</b>			\$ 21.66			\$ 21.91	\$ 0.25	1.16%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	16	kWh	
Demand	0	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 0.60	1	\$ 0.60	\$ 0.61	1	\$ 0.61	\$ 0.01	1.67%
Distribution Volumetric Rate	\$ 2.5190	0.044	\$ 0.11	\$ 2.5631	0.044	\$ 0.11	\$ 0.00	1.75%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.2610	0.044	\$ (0.01)	\$ -	0.044	\$ -	\$ 0.01	100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 0.70</b>			<b>\$ 0.72</b>	<b>\$ 0.02</b>	<b>3.35%</b>
Line Losses on Cost of Power	\$ 0.1101	1	\$ 0.08	\$ 0.1101	1	\$ 0.08	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.4877	0	\$ (0.02)	-\$ 0.4250	0	\$ (0.02)	\$ 0.00	12.86%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	\$ 0.0022	16	\$ 0.04	-\$ 0.0073	16	\$ (0.12)	\$ (0.15)	-431.82%
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		0	\$ -	\$ -	0	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 0.80</b>			<b>\$ 0.67</b>	<b>\$ (0.13)</b>	<b>-15.79%</b>
RTSR - Network	\$ 2.1623	0	\$ 0.10	\$ 2.1698	0	\$ 0.10	\$ 0.00	0.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6411	0	\$ 0.07	\$ 1.6480	0	\$ 0.07	\$ 0.00	0.42%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 0.96</b>			<b>\$ 0.84</b>	<b>\$ (0.13)</b>	<b>-12.98%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	17	\$ 0.06	\$ 0.0036	17	\$ 0.06	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	17	\$ 0.01	\$ 0.0003	17	\$ 0.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	16	\$ 0.11	\$ 0.0070	16	\$ 0.11	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	16	\$ 1.76	\$ 0.1101	16	\$ 1.76	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 3.15</b>			<b>\$ 3.03</b>	<b>\$ (0.13)</b>	<b>-3.97%</b>
HST	13%		\$ 0.41	13%		\$ 0.39	\$ (0.02)	-3.97%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 3.56</b>			<b>\$ 3.42</b>	<b>\$ (0.14)</b>	<b>-3.97%</b>

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	263	kWh	
Demand	-	kW	
Current Loss Factor	1.0476		
Proposed/Approved Loss Factor	1.0476		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.26	1	\$ 22.26	\$ 25.11	1	\$ 25.11	\$ 2.85	12.80%
Distribution Volumetric Rate	\$ 0.0074	263	\$ 1.95	\$ 0.0038	263	\$ 1.00	\$ (0.95)	-48.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0001	263	\$ (0.03)	\$ -	263	\$ -	\$ 0.03	100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 24.18</b>			<b>\$ 26.11</b>	<b>\$ 1.93</b>	<b>7.98%</b>
Line Losses on Cost of Power	\$ 0.0822	13	\$ 1.03	\$ 0.0822	13	\$ 1.03	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0018	263	\$ (0.47)	\$ 0.0012	263	\$ (0.32)	\$ 0.16	33.33%
CBR Class B Rate Riders	\$ -	263	\$ -	\$ -	263	\$ -	\$ -	
GA Rate Riders	\$ -	263	\$ -	\$ -	263	\$ -	\$ -	
Low Voltage Service Charge	\$ -	263	\$ -	\$ -	263	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 1.03	1	\$ 1.03	\$ 0.79	1	\$ 0.79	\$ (0.24)	-23.18%
Additional Volumetric Rate Riders (Sheet 18)		263	\$ -	\$ -	263	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 25.76</b>			<b>\$ 27.61</b>	<b>\$ 1.85</b>	<b>7.18%</b>
RTSR - Network	\$ 0.0077	276	\$ 2.12	\$ 0.0077	276	\$ 2.12	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0060	276	\$ 1.65	\$ 0.0060	276	\$ 1.65	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 29.54</b>			<b>\$ 31.39</b>	<b>\$ 1.85</b>	<b>6.26%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	276	\$ 0.99	\$ 0.0036	276	\$ 0.99	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	276	\$ 0.08	\$ 0.0003	276	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
TOU - Off Peak	\$ 0.0650	171	\$ 11.11	\$ 0.0650	171	\$ 11.11	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	45	\$ 4.25	\$ 0.0950	45	\$ 4.25	\$ -	0.00%
TOU - On Peak	\$ 0.1320	47	\$ 6.25	\$ 0.1320	47	\$ 6.25	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 52.47</b>			<b>\$ 54.32</b>	<b>\$ 1.85</b>	<b>3.52%</b>
HST	13%		\$ 6.82	13%		\$ 7.06	\$ 0.24	3.52%
8% Rebate	8%		\$ (4.20)	8%		\$ (4.35)	\$ (0.15)	
<b>Total Bill on TOU</b>			<b>\$ 55.09</b>			<b>\$ 57.04</b>	<b>\$ 1.94</b>	<b>3.52%</b>

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	1,091,088	kWh	
Demand	3,648	kW	
Current Loss Factor	1.0371		
Proposed/Approved Loss Factor	1.0371		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 281.42	1	\$ 281.42	\$ 286.34	1	\$ 286.34	\$ 4.92	1.75%
Distribution Volumetric Rate	\$ 3.0345	3648	\$ 11,069.86	\$ 3.0876	3648	\$ 11,263.56	\$ 193.71	1.75%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0749	3648	\$ 273.24	\$ -	3648	\$ -	\$ (273.24)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 11,624.51</b>			<b>\$ 11,549.90</b>	<b>\$ (74.61)</b>	<b>-0.64%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.4908	3,648	\$ (1,790.44)	-\$ 0.4211	3,648	\$ (1,536.17)	\$ 254.27	14.20%
CBR Class B Rate Riders	\$ -	3,648	\$ -	\$ -	3,648	\$ -	\$ -	
GA Rate Riders	\$ 0.0022	1,091,088	\$ 2,400.39	\$ 0.0073	1,091,088	\$ (7,964.94)	\$ (10,365.34)	-431.82%
Low Voltage Service Charge	\$ -	3,648	\$ -	\$ -	3,648	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		3,648	\$ -	\$ -	3,648	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 12,234.47</b>			<b>\$ 2,048.79</b>	<b>\$ (10,185.68)</b>	<b>-83.25%</b>
RTSR - Network	\$ 2.3145	3,648	\$ 8,443.30	\$ 2.3225	3,648	\$ 8,472.48	\$ 29.18	0.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9948	3,648	\$ 7,277.03	\$ 2.0032	3,648	\$ 7,307.67	\$ 30.64	0.42%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 27,954.79</b>			<b>\$ 17,828.94</b>	<b>\$ (10,125.85)</b>	<b>-36.22%</b>
Wholesale Market Service Charge (WMS)	\$ 0.0036	1,131,567	\$ 4,073.64	\$ 0.0036	1,131,567	\$ 4,073.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	1,131,567	\$ 339.47	\$ 0.0003	1,131,567	\$ 339.47	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	1,091,088	\$ 7,637.62	\$ 0.0070	1,091,088	\$ 7,637.62	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	1,131,567	\$ 124,585.57	\$ 0.1101	1,131,567	\$ 124,585.57	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 164,591.34</b>			<b>\$ 154,465.49</b>	<b>\$ (10,125.85)</b>	<b>-6.15%</b>
HST	13%		\$ 21,396.87	13%		\$ 20,080.51	\$ (1,316.36)	-6.15%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 185,988.21</b>			<b>\$ 174,546.00</b>	<b>\$ (11,442.21)</b>	<b>-6.15%</b>

## APPENDIX - F

### GLOBAL ADJUSTMENT ANALYSIS WORKFORM

**Account 1589 Global Adjustment (GA) Analysis Workform**

Input cells  
Drop down cells

Note 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	360,224,251	kWh	100%
RPP	A	215,475,610	kWh	59.8%
Non RPP	B = D+E	144,748,641	kWh	40.2%
Non-RPP Class A	D	6,237,976	kWh	1.7%
Non-RPP Class B *	E	138,510,665	kWh	38.5%

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

Note 3 GA Billing Rate

GA is billed on the

1st Estimate

**GA Billing Rate Description**

Welland Hydro bills its Class B non-RPP customers using the IESO's 1st estimate for GA for the month. For billing cycles that span more than one load month, consumption is prorated so that the correct GA 1st estimate rate is applied to the corresponding consumption for that month. The GA rate that is used for billing (1st estimate) is not the same rate that is applied to our unbilled revenue. Unbilled revenue is based on previous GA rates and not the actual rates. This will be reviewed in more detail going forward to ensure that the GA rate used in our unbilled revenue is more closely aligned with the actual GA rate.

Note 4 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)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	11,939,571	13,311,533	13,807,054	12,435,092	0.08423	\$ 1,047,408	0.09179	\$ 1,141,417	\$ 94,009
February	12,687,938	13,807,054	13,035,812	11,916,696	0.10384	\$ 1,237,430	0.09851	\$ 1,173,914	-\$ 63,516
March	12,976,515	13,035,812	11,786,463	11,727,166	0.09022	\$ 1,058,025	0.10610	\$ 1,244,252	\$ 186,227
April	11,698,179	11,786,463	11,447,850	11,359,566	0.12115	\$ 1,376,211	0.11132	\$ 1,264,547	-\$ 111,665
May	11,873,387	11,447,850	11,145,912	11,571,449	0.10405	\$ 1,204,009	0.10749	\$ 1,243,815	\$ 39,806
June	11,475,497	11,145,912	11,959,546	12,289,131	0.11650	\$ 1,431,684	0.09545	\$ 1,172,998	-\$ 258,686
July	11,739,401	11,959,546	12,417,528	12,197,383	0.07667	\$ 935,173	0.08306	\$ 1,013,115	\$ 77,941
August	12,814,637	12,417,528	12,453,555	12,850,664	0.08569	\$ 1,101,173	0.07103	\$ 912,783	-\$ 188,391
September	13,150,193	12,453,555	10,792,110	11,488,748	0.07060	\$ 811,106	0.09531	\$ 1,094,993	\$ 283,887
October	11,952,553	10,792,110	9,812,542	10,972,985	0.09720	\$ 1,066,574	0.11226	\$ 1,231,827	\$ 165,253
November	11,124,693	9,812,542	9,677,899	10,990,050	0.12271	\$ 1,348,589	0.11109	\$ 1,220,885	-\$ 127,704
December	11,550,878	9,677,899	9,224,618	11,097,597	0.10594	\$ 1,175,679	0.08708	\$ 966,379	-\$ 209,301
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	144,983,442	141,647,804	137,560,889	140,896,527		\$ 13,793,062		\$ 13,680,923	-\$ 112,139

Note 5 **Reconciling Items**

	Item	Applicability of Reconciling Item (Y/N)	Amount (Quantify if it is a significant reconciling item)	Explanation
<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>			<b>-\$ 996,288</b>	
1a	Remove impacts to GA from prior year RPP Settlement true up process that are booked in current year	N	\$ -	Settlement true-up of \$109,356 for October, November, and December 2015 was disposed of in the 2017 COS (EB-2016-0110). This adjustment was refelcted in Tab 3 Cell AV29 of the IRM Rate Generator Model.
1b	Add impacts to GA from current year RPP Settlement true up process that are booked in subsequent year	N	\$ -	All settlement true-up adjustments for 2016 were booked in the 2016 year.
2a	Remove prior year end unbilled to actual revenue differences	Y	\$ 533,174	Difference is a result of using a significantly lower GA rate to calculate accrual than GA rate used to bill
2b	Add current year end unbilled to actual revenue differences	Y	\$ 162,028	Difference is a result of using a significantly higher GA rate to calculate accrual than GA rate used to bill
3a	Remove difference between prior year accrual to forecast from long term load transfers	Y	\$ 15,322	2015 load transfer revenue recorded in 2016
3b	Add difference between current year accrual to forecast from long term load transfers	Y	-\$ 18,932	2016 load transfer revenue recorded in 2017
4	Remove GA balances pertaining to Class A customers	Y	\$ 7,879	December 2016 unbilled revenue for Class A Global Adjustment was higher than the actual December GA paid (per IESO invoice). Class A customer was billed for December consumption in January 2017.
5	Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis	N		
6	Differences in GA IESO posted rate and rate charged on IESO invoice	Y	\$ 5,176	IESO made minimal adjustments to actual invoices.
7	Adjustment for lower actual loss factor than billed	Y	\$ 106,032	Difference between the loss factor used to bill and the actual loss factor
8				
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL	-\$ 185,609
	Net Change in Expected GA Balance in the Year Per Analysis	-\$ 112,139
	Unresolved Difference	-\$ 73,470
	Unresolved Difference as % of Expected GA Payments to IESO	-0.5%

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	Unresolved Difference	Payments to IESO (cell J59)	Unresolved Difference as % of Expected GA Payments to IESO
2016	-\$ 112,139	-\$ 996,288	\$ 810,679	-\$ 185,609	-\$ 73,470	\$ 13,680,923	-0.5%
				\$ -	\$ -		0.0%
				\$ -	\$ -		0.0%
				\$ -	\$ -		0.0%
Cumulative Balance	-\$ 112,139	-\$ 996,288	\$ 810,679	-\$ 185,609	-\$ 73,470	\$ 13,680,923.19	N/A

**Additional Notes and Comments**