

October 11, 2018

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Young Street, 27th Floor
Toronto, ON M4P 1E4

**RE: Welland Hydro-Electric System Corp.
2019 Incentive Rate-Setting Application
EB-2018-0075**

Please find enclosed two hard copies of Welland Hydro's 2019 Incentive Rate Mechanism (IRM) Electricity Distribution Rate Application – EB-2018-0075.

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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Email: jdionne@wellandhydro.com

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, 2019.
3. Effective May 1, 2018 in the matter of EB-2017-0081, the Board approved electricity distribution rates for Welland Hydro’s electricity distribution customers.

4. The Ontario Energy Board issued file number EB-2018-0075 to Welland Hydro for the 2019 Incentive Rate-Setting (“Price Cap IR”) application.
5. This Application for Electricity Distribution Rates effective May 1, 2019 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” - 2019 IRM Rate Generator Model
 - Appendix “E” - Bill Impact Sheets
 - Appendix “F” – Global Adjustment Workform
 - Appendix “G” – Lost Revenue Adjustment Mechanism (LRAMVA) Workform
 - Appendix “H” – Account 1595 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:

Mrs. Jennifer Dionne
Senior Accountant
Welland Hydro-Electric System Corp.

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Email Address: jdionne@wellandhydro.com

DATED at Welland, Ontario this 11th day of October, 2018

Welland Hydro-Electric System Corp.



Jennifer Dionne
Senior Accountant

Manager’s Summary

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1 **1 Introduction**

2 Welland Hydro-Electric System Corp. (Welland Hydro) hereby applies to the Ontario
3 Energy Board (the Board) for approval of its 2019 Distribution Rate Adjustments, effective
4 May 1, 2019, based on Chapter 3 of the *Filing Requirements for Electricity Distribution*
5 *Rate Applications (EDR)* last revised on July 12, 2018.

6 Welland Hydro's current electricity distribution rates, effective May 1, 2018 were
7 determined in the 2018 Incentive Rate-Setting Application (EB-2017-0081) and can be
8 found in Appendix B to this Application.

9 Welland Hydro has chosen to file its 2019 Distribution Rate Application under the Price
10 Cap Incentive Rate adjustment option.

11 Welland Hydro has used the Board's 2019 IRM Rate Generator Model, Global Adjustment
12 Analysis Workform, Account 1595 Workform and LRAMVA Workform in the preparation
13 of this filing, and it confirms the accuracy of the 2017 billing determinants and Trial
14 Balance for prepopulated models.

15 **Relief Sought**

16 Welland Hydro applies for an Order or Orders approving the proposed Tariff of Rates and
17 Charges set out in Appendix C to this Application as just and reasonable rates and
18 charges pursuant to section 78 of the OEB Act, to be effective May 1, 2019.

19 **Form of Hearing Requested**

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

21 DATED at Welland, Ontario, this 11th day of October, 2018.

22 **All of which is respectfully submitted,**

23 **WELLAND HYDRO-ELECTRIC SYSTEMS CORP**

24 Jennifer Dionne

25 Senior Accountant

1 **1.1 Certification of Evidence**

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

6 **1.2 Requested Rate Adjustments**

7 The 2019 proposed rate adjustments include:

- 8 • An adjustment of Retail Transmission Service Rates (RTSRs) in accordance with
9 Board Guidelines G-2008-001: *Electricity Distribution Retail Transmission Service*
10 *Rates*, last revised June 28, 2012 and subsequent updates to the Uniform
11 Transmission Rates (“UTRS”).

- 12 • A Rate Rider for Disposition of Deferral and Variance Accounts (excluding 1568
13 LRAMVA) effective until April 30, 2020. Welland Hydro is seeking the Board’s
14 approval for a one-year disposition period.

- 15 • A Rate Rider for Disposition of LRAMVA effective until April 30, 2020. Welland
16 Hydro is seeking the Board’s approval for a one-year disposition period.

- 17 • A Rate Rider for Global Adjustment disposition applicable only for Non-RPP Class
18 B customers effective until April 30, 2020. Welland Hydro is seeking the Board’s
19 approval for a one-year disposition period. In addition, Welland Hydro is seeking
20 approval of 12 equal monthly payments (credit) for the contribution of one former
21 Class B customer to the Global Adjustment balance.

- 22 • A Rate Rider for Capacity Based Recovery (CBR) disposition applicable only for
23 Class B customers effective until April 30, 2020. Welland Hydro is seeking the
24 Board’s approval for a one-year disposition period. In addition, Welland Hydro is
25 seeking approval of 12 equal monthly payments (credit) for the contribution of one
26 former Class B customer to the CBR balance.

1 **1.3 Statement of publication of applicant's notice**

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

10 The Internet address for application viewing purposes is Welland Hydro's website
11 www.wellandhydro.com Online Resources section and the primary contact is:

12 Perry Orosz

13 Director of Customer Service and Employee Relations

14 Phone: 905-732-1381 ext. 241

15 Email: porosz@wellandhydro.com

1 **2 Distributor Profile Summary**

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

10 Welland Hydro receives electricity from the provincial electricity grid and transports it
11 safely and reliably across a distribution network covering a service territory of 81 square
12 kilometers. WHESC’s distribution equipment includes 13 substations, 331 kilometers of
13 overhead lines, 140 kilometers of underground cable, over 2,300 transformers and over
14 8,000 poles.

15 **3 Details for Welland Hydro’s Electricity Distribution Rate Application**

16 **3.1 Schedule of Current and Proposed Rates and Charges**

17 Welland Hydro has completed the 2019 Rate Generator Model which is prepopulated with
18 the distributor’s most recent tariff of rates and charges, load and customer data, and
19 Group 1 balances as reported through RRR reporting. Welland Hydro can confirm that
20 this information as populated in the rate generator model submitted in this application is
21 accurate.

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

1 **Current Tariff of Rates and Charges**

2 Welland Hydro’s current Tariff of Rates and Charges approved in the 2018 Incentive
 3 Rate-Setting Application (EB-2017-0081) can be found in Appendix B.

4 **Proposed Rates and Charges**

5 Welland Hydro’s proposed Tariff of Rates and Charges can be found in Appendix C
 6 attached and are the outputs of the 2019 IRM Generator Model 20180712-3. Bill impacts
 7 by customer class are included in Appendix E attached. Table 1 below identifies the
 8 monthly total bill impacts for all customer classes.

9 Table 1 – Bill Impacts

Customer Class	Average Monthly Volume		Total Bill Charges			
	kWh	kW	Current	Proposed	\$	%
Residential	750		\$111.84	\$111.13	-\$0.70	-0.63%
General Service Less Than 50 kW	2,000		\$266.91	\$265.98	-\$0.92	-0.35%
GS 50 to 4,999 kW	32,400	60	\$4,956.34	\$5,105.60	\$149.26	3.01%
Unmetered Scattered Load	150		\$30.49	\$30.41	-\$0.08	-0.26%
Sentinel Lighting	120	0.3	\$20.95	\$20.83	-\$0.12	-0.59%
Street Lighting	16	0.044	\$3.32	\$3.37	\$0.04	1.25%

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

15 **3.2 Price Cap Adjustment**

16 **3.2.1 Annual Adjustment Mechanism**

17 Welland Hydro is submitting a price cap adjustment of 1.05% (2018 rate setting
 18 parameters) as stipulated in Chapter 3 of the Board’s Filing Requirements for Distribution
 19 Applications, dated July 12, 2018. This is based on the current default metrics; an inflation

1 factor of 1.2%, a productivity factor of 0.00%, and a stretch factor of 0.15% (representing
2 Stretch Factor Group II). Welland Hydro acknowledges that the Board will update
3 Welland Hydro's 2019 IRM Application once the final parameters are determined. The
4 calculation of the price cap adjustment is shown in Tab 16 of the 2019 IRM Rate
5 Generator Model.

6 **3.2.1.1 Application of the Annual Adjustment Mechanism**

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

- 9 • Rate Adders
- 10 • Rate Riders
- 11 • Low Voltage Service Charges
- 12 • Retail Transmission Service Rates
- 13 • Wholesale Market Service Rate
- 14 • Rural and Remote Rate Protection Benefit and Charge
- 15 • Standard Supply Service – Administrative Charge
- 16 • Capacity Based Recovery
- 17 • MicroFIT Service Charge
- 18 • Specific Service Charges
- 19 • Transformation and Primary Metering Allowances
- 20 • Smart Meter Entity Charge

21 **3.2.2 Revenue-to-cost Ratio Adjustments**

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

24 **3.2.3 Rate Design for Residential Electricity Customers**

25 On April 2, 2015, the OEB released its Board Policy: A New Distribution Rate Design for
26 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. Distributors are expected to
3 propose a fully fixed rate design applicable to the residential class for charges related
4 specifically to the distribution of electricity in 2019.

5 In this Application, Welland Hydro has followed the approach set out in Tab 16,
6 Rev2Cost_GDPIPI of the 2019 IRM Rate Generator Model. This tab computes the
7 incremental changes between fixed and variable charges for the residential class using
8 the 2017 Cost of Service Billing Determinants (customers, billed kWh) and the current
9 fixed to variable split. In 2019 Welland Hydro is proposing a fully fixed rate compared to
10 the fixed to variable ratio of 91.2% fixed and 8.8% variable in 2018.

11 The OEB has established two thresholds which could either extend the transition period
12 to greater than four years or result in possible rate mitigation. The first threshold is that
13 the increase in the monthly service charge should not exceed more than \$4 per month.
14 Welland Hydro is below the threshold as the proposed increase in the monthly service
15 charge is \$2.71. This represents the difference between the current 2018 monthly service
16 charge of \$24.94 to \$27.65 proposed for 2019.

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

22 In order to determine the kWh consumed at the 10% percentile, Welland Hydro reviewed
23 residential consumption data from the 2017 calendar year. Only the data with 12 monthly
24 bills and a minimum of 50 kWh per month were used to determine the 10% percentile
25 point. The data produced a sample size of 16,119 out of 21,093 residential customers.
26 From the data, a 10th percentile consumption point was determined to be 271 kWh per

1 month before loss factor. The Bill Impact Statement for the 10% percentile residential
 2 customer is included in Appendix E and is summarized in Table 2 below.

3 Table 2 – Bill Impact – Residential 10th Percentile Customer

Customer Class	Average Monthly		Total Bill Charges			
	kWh	kW	Current	Proposed	\$	%
Residential 10% Percentile	271		\$57.69	\$59.25	\$1.56	2.71%

4
 5 The bill impact for a Residential 10th percentile customer with 271 kWh monthly
 6 consumption is 2.71% or \$1.56. The bill impact is well below the 10% threshold and
 7 therefore no mitigation plan is proposed.

8 **3.2.4 Electricity Distribution Retail Transmission Service Rates**

9 Revision 4.0 of Guideline (G-2008-001) on Retail Transmission Service Rates dated June
 10 28, 2012 instructs electricity distributors to adjust their retail transmission service rates
 11 (“RTSRs”) based on a comparison of historical transmission costs adjusted for new UTR
 12 levels, and revenues generated from existing RTSRs. Welland Hydro has calculated the
 13 adjustments to the current RTSRs using Tabs 10 to 15 in the 2019 IRM Rate Generator
 14 Model. Welland Hydro acknowledges that the Board will adjust each distributors’ 2019
 15 IRM rate application model to incorporate the January 1, 2019 UTR adjustments. The
 16 non-loss adjusted metered kWh and non-loss adjusted metered kW found in Tab 10 of
 17 the model are from the 2017 RRR 2.1.5 filing. Welland Hydro has not made any
 18 adjustments to the consumption data as reported in the 2017 RRR filing.

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

1

Table 3 – Proposed RTSRs

Rate Class	Unit	Existing RTRS Network	Proposed RTRS Network	Variance	Variance %	Existing RTRS Connection	Proposed RTRS Connection	Variance	Variance %
Residential	\$/kWh	0.0076	0.0076	0.0000	0.00%	0.0069	0.0068	-0.0001	-1.45%
General Service Less Than 50 kW	\$/kWh	0.0067	0.0067	0.0000	0.00%	0.0058	0.0057	-0.0001	-1.72%
General Service 50 to 4,999 kW	\$/kW	2.2908	2.2786	-0.0122	-0.53%	2.2804	2.2388	-0.0416	-1.82%
Unmetered Scattered Load	\$/kWh	0.0067	0.0067	0.0000	0.00%	0.0058	0.0057	-0.0001	-1.72%
Sentinel Lighting	\$/kW	2.1448	2.1333	-0.0115	-0.54%	1.8803	1.8460	-0.0343	-1.82%
Street Lighting	\$/kW	2.1402	2.1288	-0.0114	-0.53%	1.8761	1.8419	-0.0342	-1.82%

2

3 **3.2.5 Review and Disposition of Group 1 Deferral and Variance Account**

4 **Balances**

5 Approved Deferral and Variance Account Rate Riders

6 In the Decision and Order for Welland Hydro’s 2013 Cost of Service Application (EB-
 7 2012-0173) dated March 21, 2013 the Board approved a Rate Rider for Residential and
 8 GS<50 customer classes for Smart Meter Entity Charge in the amount of \$0.79 per smart
 9 meter per month effective until October 31, 2018. On March 1, 2018 the OEB approved
 10 the application (EB-2017-0290) by the Independent Electricity System Operator (IESO)
 11 to decrease the Smart Meter Entity Charge to \$0.57 per smart meter per month and
 12 extend the term to December 31, 2022. In accordance with the Updated Guidance on
 13 Smart Metering Entity Charge issued on March 23, 2018 by the OEB, as well as the
 14 Decision and Rate Order in Welland Hydro’s 2018 Incentive Rate-setting Mechanism
 15 (IRM) Application (EB-2017-0081), Welland Hydro implemented the revised Smart
 16 Metering Entity Charge of \$0.57 per smart meter per month effective April 1, 2018. The
 17 revised rate rider will remain in rates in this rate application.

18 In the Decision and Order for Welland Hydro’s 2018 IRM Application (EB-2017-0081)
 19 dated March 22, 2018 the Board approved a Rate Rider for Disposition of
 20 Deferral/Variance Accounts (2018) applicable only for Non Wholesale Market
 21 Participants, a Rate Rider for Disposition of Global Adjustment Account (2018) applicable
 22 only for Non RPP Class B Customers who did not transition between Class A and Class
 23 B during 2016, and a Rate Rider for Disposition of Deferral/Variance Accounts (2018)

1 applicable to all customer classes. The Board also approved disposition of Global
2 Adjustment variance to one customer who transitioned from Class B to Class A during
3 2016 in the form of a fixed monthly refund. These Rate Riders and the fixed monthly
4 refund were approved over a one-year period from May 1, 2018 to April 30, 2019 and are
5 being removed from rates in this rate application.

6 Proposed Disposition of the Balances of Deferral and Variance Accounts

7 Section 3.2.5 of the Board's Filing Requirements provides that under the Price Cap IR,
8 the distributor's Group 1 audited account balances as of December 31, 2017 will be
9 reviewed and disposed if the pre-set threshold of \$0.001 per kWh (debit or credit) is
10 exceeded. Consistent with a letter from the Board on July 25, 2014, distributors may elect
11 to dispose of Group 1 account balances below the threshold.

12 Welland Hydro has completed and is filing with this application the Board's 2019 IRM
13 Rate Generator Model Version 20180712-3. A copy of the schedules contained in this
14 model is included as Appendix D attached. Table 4 below contains a summary of the
15 Group 1 Variance Account Balances for Disposition contained in Tab 3 of the 2019 IRM
16 Rate Generator Model. Table 4 is based on balances as at December 31, 2017, plus
17 projected carrying charges to April 30, 2019. Carrying charges reflect the most recent
18 prescribed regulatory interest rates.

1 Table 4 – Group 1 Variance Account Balances for Disposition

Account Description	Account No.	2017 Principal Balance	2017 Carrying Charge Balance	2017 Year End Balance	Projected Carrying Charges Jan 1/18 to Apr 30/19	Total for Disposition
Group 1 Accounts						
Smart Metering Entity Charge	1551	-\$3,714	-\$13	-\$3,727	-\$96	-\$3,824
RSVA-Wholesale Market Service Charge	1580	-\$409,051	-\$4,511	-\$413,562	-\$10,577	-\$424,139
Variance WMS - Sub-account CBR Class B	1580	-\$7,395	-\$336	-\$7,731	-\$191	-\$7,922
RSVA-Retail Transmission Network Charge	1584	-\$66,002	-\$1,284	-\$67,286	-\$1,707	-\$68,993
RSVA-Retail Transmission Connection Charge	1586	-\$37,849	-\$751	-\$38,601	-\$977	-\$39,579
RSVA-Power (excluding Global Adjustment)	1588	-\$130,412	-\$7,100	-\$137,512	-\$3,372	-\$140,884
RSVA-Global Adjustment	1589	-\$371,669	\$3,363	-\$368,306	-\$9,610	-\$377,916
Disposition of Regulatory Balances (2016)	1595	\$0	-\$37,454	-\$37,454	\$0	-\$37,454
Total Group 1 Account Balances		-\$1,026,092	-\$48,086	-\$1,074,179	-\$26,530	-\$1,100,712

2
 3 Welland Hydro’s Group 1 balances as of December 31, 2017 plus projected interest to
 4 April 30, 2019 amounts to a \$1,100,712 credit.

5 Upon completion of the schedules in Tab 4 of the 2019 IRM Rate Generator Model,
 6 Welland Hydro has determined that the threshold of \$0.001 per kWh has been met, as
 7 shown in Table 5 below, and therefore has included for disposition the Group 1 total credit
 8 amount of \$1,100,712.

9 Table 5 – Threshold Test

Total Claim for Threshold Test (All Group 1 Accounts)	\$1,100,712
Total Metered kWh	353,716,802
Threshold Test (Total claim per kWh)	0.0031

10
 11 The volumes for metered kWh and metered kW represent actual for the 2017 calendar
 12 year as populated from RRR Reporting. Welland Hydro has reported billed kWh and
 13 billed kW for a Wholesale Market Participant under the GS>50 kW customer class. The
 14 percentage for prorating the residual 1595 (2016) balance is in proportion to the recovery
 15 share as established when the rate riders were implemented. Account 1551 is allocated
 16 based on the number of customers in the Residential and GS<50 customer classes.

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

5 A comparison of the Account Balances from Tab 3 of the 2019 IRM rate generator model
 6 to the balances as reported on the 2017 RRR Reporting are shown in Table 6.

7 Table 6 – Comparison of Balances to RRR Reporting

Account Description	Account No.	2017 Total Balance per Continuity Schedule	2017 Balances reported in RRR Trial Balance	Difference
Group 1 Accounts				
Smart Metering Entity Charge Variance	1551	-\$7,953	-\$7,953	\$0
RSVA-Wholesale Market Service Charge	1580	-\$801,538	-\$825,754	-\$24,216
Variance WMS - Sub-account CBR Class A	1580	\$0	\$0	\$0
Variance WMS - Sub-account CBR Class B	1580	-\$24,216	-\$24,216	\$0
RSVA-Retail Transmission Network Charge	1584	-\$142,841	-\$142,841	\$0
RSVA-Retail Transmission Connection Charge	1586	-\$86,243	-\$86,243	\$0
RSVA-Power (excluding Global Adjustment)	1588	-\$91,227	-\$91,227	\$0
RSVA-Global Adjustment	1589	-\$1,212,711	-\$1,212,711	\$0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	\$29,518	\$29,518	\$0
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	-\$37,454	-\$37,454	\$0
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	-\$86,304	-\$86,304	\$0
Total Group 1 Account Balances		-\$2,460,969	-\$2,485,185	-\$24,216
LRAM Variance Account	1568	\$86,831	\$0	-\$86,831

8
 9 As is shown in Table 6, there are variances between the continuity schedule on Tab 3 of
 10 the model and the Balances reported on the 2017 RRR reporting which are explained as
 11 follows:

12 **1. Variance related to WMS**

13 Table 6 above shows a variance of (\$24,216) for RSVA – Wholesale Market Service
 14 Charge. This variance is equal to the balance reported as of December 31, 2017 for

1 Account 1580 Sub-account CBR Class B. The amount reported as of December 31, 2017
2 on the RRR 2.1.7 Trial Balance for Account 1580 was (\$825,754) inclusive of the CBR
3 Class B balance. The balance reported on the "Sub-Accounts" tab of 2.1.7 for Account
4 1580 Sub-Account CBR Class B Principal and Interest totalled (\$24,216). Per the
5 instructions on the "Group 1 Accounts" tab of RRR 2.1.7, the total 1580 balance, inclusive
6 of CBR Class B, was reported.

7 **2. Variance related to LRAM**

8 In Welland Hydro's 2017 Cost of Service Rate Application (EB-2016-0110), the
9 recoverable amount of \$14,202 related to 2013 and 2014 LRAMVA amounts were
10 approved for disposition through rate riders by customer class effective from May 1, 2017
11 to April 30, 2018. Welland Hydro made the appropriate adjusting entries in 2017 to reflect
12 the difference between the accrued amount and the final amount approved in the 2017
13 Cost of Service Rate Application Settlement.

14 Welland Hydro completed the LRAMVA Workform related to the 2015 and 2016 years
15 after the 2017 RRR Reporting was completed. No accrual was made in 2017 for LRAMVA
16 balances related to 2015 and 2016 which has resulted in a variance between the balance
17 reported on Tab 3 Continuity schedule of the 2019 IRM Rate Generator Model and the
18 balance reported in the 2017 RRR Reporting. If approved, Welland Hydro will make the
19 appropriate adjusting entries in 2018 to record the recoverable amount of \$86,831 related
20 to 2015 and 2016 LRAMVA amounts.

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

23 The 2019 IRM Rate Generator Model was used to determine appropriate rate riders to
24 dispose of Group 1 balances.

1 The allocation of Group 1 balances, excluding 1589 Global Adjustment and 1580 WMS
 2 Sub-Account CBR Class B, by rate class, can be found in Tab 5 of the 2019 IRM Rate
 3 Generator Model. These allocations are shown in Table 7 below:

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

Rate Class	1551	1580	1584	1586	1588	1595	Total
Residential	-\$3,524	-\$189,511	-\$30,004	-\$17,212	-\$61,795	-\$15,843	-\$317,889
General Service Less Than 50 kW	-\$300	-\$64,458	-\$10,205	-\$5,854	-\$21,018	-\$5,393	-\$107,228
General Service 50 to 4,999 kW	\$0	-\$174,297	-\$28,183	-\$16,168	-\$56,834	-\$15,768	-\$291,250
Unmetered Scattered Load	\$0	-\$1,181	-\$187	-\$107	-\$385	-\$112	-\$1,972
Sentinel Lighting	\$0	-\$898	-\$142	-\$82	-\$293	-\$75	-\$1,490
Street Lighting	\$0	-\$1,716	-\$272	-\$156	-\$560	-\$262	-\$2,966
Total	-\$3,824	-\$432,061	-\$68,993	-\$39,579	-\$140,885	-\$37,453	-\$722,795

5
 6 Tab 7 of the 2019 IRM Rate Generator Model calculates the appropriate rate riders by
 7 customer class and identifies rate riders which do not apply to Wholesale Market
 8 Participants. The resulting rate riders are shown in Table 8 below:

9 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	-\$ 0.0021	\$ -
General Service Less Than 50 kW	\$/kWh	-\$ 0.0020	\$ -
General Service 50 to 4,999 kW	\$/kW	-\$ 0.1512	-\$ 0.5893
Unmetered Scattered Load	\$/kWh	-\$ 0.0021	\$ -
Sentinel Lighting	\$/kW	-\$ 0.7405	\$ -
Street Lighting	\$/kW	-\$ 0.7624	\$ -

10
 11 Consistent with Section 3.2.5 of the filing requirements, Welland Hydro is requesting
 12 approval to dispose of Group 1 Account Balances, excluding Global Adjustment and CBR
 13 Class B, in the amount of \$722,795 credit by means of the rate riders shown in Table 8
 14 above over a one-year disposition period beginning May 1, 2019.

1 **3.2.5.1 Wholesale Market Participants**

2 Chapter 3 of the Filing requirements updated on July 12, 2018 states that a wholesale
3 market participant (WMP) refers to any entity that participates directly in any of the IESO
4 administered markets. These participants settle commodity and market-related charges
5 with the IESO even if they are embedded in a distributor's distribution system. As a result,
6 Welland Hydro has not allocated any balances to these customers from Account 1580
7 RSVA -Wholesale Market Services Charge, Account 1580 Variance WMS, Sub-Account
8 CBR Class B, Account 1588 RSVA – Power, and Account 1589 RSVA – Global
9 Adjustments to a WMP.

10 Welland Hydro had one WMP in 2017 which belonged to the General Service 50 to 4,999
11 kW customer class. This WMP customer settles directly with the IESO the Global
12 Adjustment charge and therefore Welland Hydro is proposing not to charge a Rate Rider
13 for Disposition of Global Adjustment Account to this WMP customer.

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

20 **3.2.5.2 Global Adjustment**

21 **Class A**

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

1 Welland Hydro had one customer who was Class A for all of 2017 and one customer who
2 transitioned from Class B Global Adjustment to Class A Global Adjustment effective July
3 1, 2017. These were Welland Hydro's only Class A customers in 2017 and they belonged
4 to the General Service 50 to 4,999 kW customer class. The transition Class A customer
5 contributed to the global adjustment variance balance prior to the transition date.

6 Welland Hydro has populated Tab 6 of the 2019 IRM Rate Generator Model with
7 consumption data pertaining to the Class A customers in 2017. Tab 6.1a of the model
8 has allocated a \$4,058 Global Adjustment credit to the Class A transition customer which
9 represents their portion of the GA balance for the period they were designated as Class
10 B.

11 Welland Hydro is requesting approval to refund \$4,058 to the Class A transition customer
12 through equal monthly payments of \$338 over a 12-month disposition period, consistent
13 with Chapter 3 of the Filing requirements. This Class A transition customer will not be
14 charged/refunded the GA rate rider that applies to all non-RPP Class B customers. The
15 Class A non-transition customer will not be charged/refunded the GA rate rider that
16 applies to all non-RPP Class B customers as they were billed actual Global Adjustment
17 costs in 2017 and therefore did not contribute to the Global Adjustment variance balance.

18 **Class B**

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

24 Tab 6.1 GA of the 2019 rate generator model allocates \$373,859 credit by rate class to
25 non-RPP customers who were designated as Class B for all of 2017 (non-transition
26 customers). Tab 6.1 GA establishes a separate rate rider that applies to the non-RPP
27 Class B non-transition customers.

1 Welland Hydro is requesting approval to refund \$373,859 to the non-RPP Class B non-
 2 transition customers through a rate rider effective May 1, 2019 over a one-year period.

3 The GA account allocation and proposed rate riders/bill adjustments are shown in Table
 4 9:

5 Table 9– Global Adjustment Allocation

Rate Class	Unit	1589 Global Adjustment	Rate Rider	Monthly Bill Adjustment
Non-RPP Class B Non-Transition Customers				
Residential	\$/kWh	-\$ 15,944	-\$ 0.0029	
General Service Less Than 50 kW	\$/kWh	-\$ 25,409	-\$ 0.0029	
General Service 50 to 4,999 kW - Class B Non-Transition	\$/kWh	-\$ 327,893	-\$ 0.0029	
Unmetered Scattered Load	\$/kWh	-\$ 374	-\$ 0.0029	
Sentinel Lighting	\$/kWh	-\$ 178	-\$ 0.0029	
Street Lighting	\$/kWh	-\$ 4,061	-\$ 0.0029	
Total allocated to Non-RPP Class B Non-Transition Customers		-\$ 373,859		
Allocation to Class A Transition Customer	\$/month	-\$ 4,058		-\$ 338
Total GA Allocation		-\$ 377,918		

6
 7 **GA Analysis Workform**

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

15 Welland Hydro confirms that the prepopulated consumption data in Note 2 of the GA
 16 Analysis Workform is consistent with the consumption data as reported on the 2017 RRR.
 17 Welland Hydro had one customer transition from Class B Global Adjustment to Class A
 18 Global Adjustment effective July 1, 2016 and one additional customer transition from
 19 Class B Global Adjustment to Class A Global Adjustment effective July 1, 2017. The

1 consumption data for both the Class A and Class A transition customers has been
2 reflected in Note 2 of the GA Analysis Workform.

3 Welland Hydro bills its Class B non-RPP customers using the IESO's 1st estimate for GA
4 for the month. For billing cycles that span more than one month, consumption is prorated
5 by month and the IESO's 1st Estimate GA rate for each month is applied to the prorated
6 consumption.

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

10 **Reconciling Item 1: Load Transfers**

11 Welland Hydro supplied approximately 30 customers of three neighbouring LDC's via
12 load transfers. Welland Hydro supplied all customers within its original service territory.
13 The power consumed by these load transfer customers was charged to Welland Hydro
14 on the IESO invoice on a monthly basis. Welland Hydro does not accrue for load transfer
15 amounts billable to other LDCs in the current year. In the first quarter of every year
16 Welland Hydro bills the load transfer LDC for the cost of power for the entire preceding
17 year. The amount included in line 3b of the GA Analysis Workform (\$64,475) represents
18 amounts charged to LDCs for Global Adjustment charges related to 2016 which was billed
19 in 2017. These adjustments will not be required going forward as these customers were
20 transferred to Welland Hydro in the third quarter of 2017. Cost of power from January 1,
21 2017 to the date of transfer was billed to the LDCs in 2017 and therefore no adjusting
22 entry is required for 2017 load transfer amounts.

23 **Reconciling Item 2: Difference in Loss Factors**

24 The loss factor in Welland Hydro's tariff of rates and charges was significantly reduced in
25 the 2017 COS Rate Application from 1.0532 to 1.0476 effective May 1, 2017. In 2017
26 there was a difference between the average billed loss factor of 1.04947 and the actual
27 loss factor of 1.04154. An adjustment of \$267,931 was made to account for the difference

1 between the loss factor used to bill and the actual loss factor to reflect the associated
 2 favorable variance.

3 After all reconciling items are considered in the GA Analysis Workform, Welland Hydro
 4 has an unreconciled difference of -0.9%. This is within the +/- 1% threshold, indicating
 5 that Welland Hydro's GA balance is reasonable.

6 **Description of Settlement Process**

7 Section 3.2.5.2 of the Filing Requirements states that a distributor must support its GA
 8 claims with a description of its settlement process with the IESO. Welland Hydro's
 9 settlement process was reported in the 2018 IRM and has not changed. A description of
 10 its settlement process is submitted below.

11 The manner in which Welland Hydro settles with the IESO is provided in Table 10 below
 12 and depends on the following: (i) whether the customer is a Regulated Price Plan ("RPP")
 13 consumer; and (ii) whether the customer is a Class A or Class B consumer. It is not
 14 dependent on the rate class. Welland Hydro also confirms that the GA rate that is used
 15 is applied consistently for all billing and unbilled revenue transactions for non-RPP Class
 16 B customers in each customer class.

17 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)

1 **Class A Customers**

2 As indicated in Section 3.2.5.2 above, Welland Hydro had one Class B customer elect to
3 move to Class A for Global Adjustment purposes effective July 1, 2016 and one customer
4 move from Class B to Class A effective July 1, 2017. As a result, Welland Hydro had one
5 Class A customer from July 1, 2016 to June 30, 2017 and two Class A customers from
6 July 1, 2017 to June 30, 2018. The following is a description of the process for Class A
7 customers followed by Welland Hydro after July, 2016. Welland Hydro reports the actual
8 Class A consumption (kWh) on a monthly basis to the IESO and pays the resulting Class
9 A GA charge on the IESO invoice (10th business day). Since the Class A customers are
10 billed by Welland Hydro around the 15th of each month, the actual GA amount is known
11 and billed to the customers. As a result, no further settlement with the IESO is required.
12 Welland Hydro settles GA costs with Class A customers on the basis of actual costs and
13 as such, none of the variance in the GA account balance is attributed to these customers.

14 **Class B non-RPP Customers**

15 Class B non-RPP customers are billed by Welland Hydro throughout the month. These
16 customers pay the spot price for energy – either the Weighted Average Hourly Spot price
17 (“WAHSP”) or the Hourly Ontario Energy Price (“HOEP”); and the GA. Welland Hydro
18 bills its Class B non-RPP customers using the IESO’s 1st estimate for GA for the month
19 which is published by the IESO on the last business day of the preceding month. Welland
20 Hydro pays the IESO Class B GA based on its actual Class B volume at the actual Class
21 B rate. No further settlement with the IESO is required. Any difference between GA
22 revenues and GA costs are recorded in the GA variance account to be recovered from or
23 repaid to Class B non-RPP customers based on consumption. Total Class B
24 consumption is defined as the following:

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

26 **Add:** Embedded Generation

27 **Less:** Class A consumption

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

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

4 **Class B RPP Customers**

5 Class B RPP customers are billed by Welland Hydro throughout the month at RPP TOU
6 or Tiered Rates. The difference between how much Welland Hydro recovers from RPP
7 customers at these rates and the amount Welland Hydro pays for the commodity supply
8 in the wholesale market place to the IESO is submitted to the IESO on a monthly basis
9 (“the RPP vs. Market Price claim”). The RPP consumption for the month is estimated
10 using billed kWh from Welland Hydro’s billing system and is used to determine the GA
11 allocated to Class B non-RPP customers on a monthly basis. The amount submitted to
12 the IESO is reflected on the invoice as either a debit (Welland Hydro collected more
13 revenue from RPP customers than it paid for electricity) or a credit (Welland Hydro
14 collected less revenue from RPP customers than it paid for electricity). As the initial
15 process is based on estimated RPP consumption a true up process occurs once actual
16 consumption is known and is discussed in the following section.

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

18 Welland Hydro’s billing system is used to determine the actual kWh consumed by and
19 billed to RPP customers. As Welland Hydro bills customers on a monthly basis a three-
20 month lag is used to ensure all amounts invoiced to RPP customers have been finalized.
21 Welland Hydro recalculates the monthly RPP vs. “Market Claim” for each calendar month
22 and submits the adjustment to the IESO on a quarterly basis for the difference between
23 the estimated amount and the actual amount. As an example, Welland Hydro would true
24 up January to March estimates in the June IESO submission so that no more than three
25 months worth of estimates is outstanding in the variance accounts at any time. This
26 quarterly true up is recorded separately from the monthly estimate to ensure proper
27 coding between the cost of power and the GA variance accounts. A reconciliation is

1 maintained between the amounts invoiced by the IESO and the GL to ensure that
2 variance accounts are maintained accurately. Welland Hydro ensures that the last true-
3 up for the year (October to December) is booked in the same calendar year.

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

6 **Settlement with IESO for Embedded Generation**

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

14 **3.2.5.3 Commodity Accounts 1588 and 1589**

15 Effective May 23, 2017 per the OEB's letter titled "Guidance on Disposition of Accounts
16 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the
17 period that is being requested for disposition in Account 1588 and Account 1589." As
18 stated in Section 3.2.5.2 above, all 2017 settlement true-up adjustments have been
19 recorded in the 2017 year.

20 **Certification of Evidence**

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

1 **3.2.5.4 Capacity Based Recovery (CBR)**

2 **Class A**

3 As stated in Section 3.2.5.2 above, Welland Hydro had one customer who was Class A
4 for all of 2017 and one customer who transitioned from Class B to Class A effective July
5 1, 2017. These were Welland Hydro's only Class A customers in 2017 and they belonged
6 to the General Service 50 to 4,999 kW customer class. The Class A transition customer
7 contributed to the CBR Class B Sub-Account balance prior to the transition date.

8 Welland Hydro has populated Tab 6 of the 2019 rate generator model with consumption
9 data pertaining to the Class A customers in 2017. Tab 6.2a of the model has allocated a
10 \$33 CBR Class B credit to the Class A transition customer which represents their portion
11 of the CBR Class B balance for the period they were designated as Class B.

12 Due to the insignificant amount of the credit, Welland Hydro is requesting approval to
13 transfer the \$33 attributed to the Class A transition customer into Account 1580 WMS
14 control account to be disposed through the general-purpose Group 1 DVA rate rider,
15 consistent with Chapter 3 of the Filing requirements. This Class A transition customer
16 will not be charged/refunded the CBR Class B rate rider that applies to all Class B
17 customers. The Class A non-transition customer will not be charged/refunded the CBR
18 Class B rate rider that applies to all non-RPP Class B customers as they were billed actual
19 CBR Class A costs and therefore did not contribute to the CBR Class B variance balance.

20 **Class B**

21 Tab 6.2 CBR B of the 2019 rate generator model allocates \$7,890 CBR Class B credit by
22 rate class to customers who were designated as Class B for all of 2017 (non-transition
23 customers). Tab 6.2 CBR B establishes a separate rate rider that applies to the non-RPP
24 Class B non-transition customers.

25 As can be seen in Table 11 below, Tab 6.2 CBR B of the 2019 rate generator model
26 produces a rate rider of \$NIL for CBR Class B. As a result, Welland Hydro is requesting

1 approval to transfer the entire CBR Class B amount into Account 1580 WMS control
 2 account to be disposed through the general purpose Group 1 DVA rate riders.

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

5 Table 11– CBR Class B Allocation

Rate Class	Unit	1580 CBR Class B	Rate Rider	Bill Adjustment
Non-RPP Class B Non-Transition Customers				
Residential		-\$ 3,625	\$0.0000	
General Service Less Than 50 kW	\$/kWh	-\$ 1,233	\$0.0000	
General Service 50 to 4,999 kW - Class B Non-Transition	\$/kWh	-\$ 2,959	\$0.0000	
Unmetered Scattered Load	\$/kWh	-\$ 23	\$0.0000	
Sentinel Lighting	\$/kWh	-\$ 17	\$0.0000	
Street Lighting	\$/kWh	-\$ 33	\$0.0000	
Total allocated to Non-RPP Class B Non-Transition Customers		-\$ 7,890		
Allocation to Class A Transition Customer	\$/month	-\$ 33		-\$ 3
Total CBR Class B Allocation		-\$ 7,923		

6
 7 **3.2.6 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)**

8 The LRAMVA is a retrospective adjustment designed to account for the differences
 9 between forecast revenue loss attributable to CDM activity embedded in rates and the
 10 actual revenue loss due to the impacts of CDM programs. For CDM programs delivered
 11 within the 2011 to 2014 term and going forward within the 2015 to 2020 term, the Board
 12 established account 1568 as the LRAMVA to capture the variance between the Board-
 13 approved CDM forecast and the actual results at the customer rate class level.

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

- 16 a) The results of actual, verified impacts of authorized CDM activities undertaken by
 17 Welland Hydro; and
- 18 b) The OEB-approved LRAMVA threshold (reference: file EB-2012-0173, Page 21,
 19 Settlement Table #7 for periods between 2013-2016).

1

Table 12– LRAMVA Threshold approved in 2013 COS

Settlement Table #7: LRAMVA Allocation per Customer Class

	LRAMVA kWh	Allocation per Class	Total LRAMVA kWh Allocated per Class	Total LRAMVA kW Allocated per Class
Residential		38.4%	2,388,275	0
GS<50 kW		13.4%	834,230	0
GS>50 kW		33.1%	2,059,770	5,825
Large Use		14.4%	894,246	2,536
Street Lighting		0.3%	19,124	53
Sentinel Lighting		0.2%	12,496	39
USL		0.3%	16,690	0
	6,224,831		6,224,831	8,453

2

3 Section 3.2.6 of the Filing requirements states that if an LRAMVA amount was approved,
 4 the persistence of the savings adjustment(s) can only be claimed on a go-forward basis.
 5 Distributors cannot seek recovery of LRAMVA amounts related to savings adjustments
 6 for a year in which the corresponding LRAMVA amount has already been approved by
 7 the OEB. Welland Hydro applied for and received approval to dispose the 2013 to 2014
 8 LRAMVA balance in the amount of \$14,202 in its 2017 Cost of Service Rate Application
 9 (EB-2016-0110). Welland Hydro confirms that it is not seeking recovery for persistence
 10 savings adjustments for the 2013 and 2014 years in the current application.

11 **3.2.6.1 Disposition of the LRAMVA**

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

17 As noted in 3.2.6 above, Welland Hydro applied for and received approval for the
 18 disposition of 2013 to 2014 LRAMVA balances in the 2017 Cost of Service Rate

1 Application. Welland Hydro is applying for disposition of the 2015 to 2016 LRAMVA
 2 balances in the 2019 IRM Rate Application in the amount of \$89,029 (\$85,010 principal
 3 and \$4,019 interest). Welland Hydro deems the balance to be significant. Welland Hydro
 4 has used the LRAMVA Workform to calculate the LRAMVA balance. The schedules in
 5 this workform have been included as Appendix G attached, and have also been filed in
 6 Excel format.

7 Welland Hydro confirms that its LRAMVA calculations were based on verified savings
 8 results reported in “Final Verified 2016 Annual LDC CDM Program Results” and “2011-
 9 2014 CDM Results with Persistence” that were issued by the IESO. These reports have
 10 been filed with the 2019 IRM Rate Application in Excel format.

11 Welland Hydro has relied on the most recent input assumptions available at the time of
 12 program evaluation.

13 Welland Hydro has calculated interest to December 2018 at the Board’s actual prescribed
 14 rates and has calculated projected interest for January to April 2019 at the Q4 2018
 15 prescribed rate.

16 Table 13 below summarizes the principal and interest amounts requested for disposition
 17 by rate class, as well as the resulting rate riders.

18 **Table 13– LRAMVA Allocation and Rate riders**

Rate Class	Unit	Principal	Carrying Charges to 2017	Projected Carrying Charges	Total Carrying Charges	Total LRAMVA	Billing Units	Proposed Rate Rider
Residential	\$/kWh	\$ 30,469	\$ 600	\$ 788	\$ 1,388	\$ 31,857	153,825,741	0.0002
General Service Less Than 50 kW	\$/kWh	\$ 10,109	\$ 221	\$ 261	\$ 483	\$ 10,591	52,319,962	0.0002
General Service 50 to 4,999 kW	\$/kW	\$ 46,026	\$ 1,035	\$ 1,190	\$ 2,225	\$ 48,252	397,736	0.1213
Unmetered Scattered Load	\$/kWh	-\$ 259	-\$ 6	-\$ 7	-\$ 13	-\$ 271	958,727	0.0003
Sentinel Lighting	\$/kW	-\$ 463	-\$ 10	-\$ 12	-\$ 22	-\$ 485	2,012	0.2411
Street Lighting	\$/kW	-\$ 872	-\$ 20	-\$ 23	-\$ 42	-\$ 914	3,890	0.2350
Total		\$ 85,010	\$ 1,821	\$ 2,198	\$ 4,019	\$ 89,029		

19
 20 Welland Hydro is requesting to dispose of the LRAMVA balance over a one-year period
 21 beginning May 1, 2019.

22 Forecasted CDM savings were approved in the 2013 Cost of Service and can be seen in
 23 Table 12 above. The LRAMVA calculations are based on the sum of the electricity
 24 savings over the 2015 and 2016 years and are valued at the appropriate rate depending

1 on the year of the savings and the rate class to which they belonged. Welland Hydro has
 2 used Board approved volumetric distribution rates for May 1, 2014 to April 30, 2015, May
 3 1, 2015 to April 30, 2016, and May 1, 2016 to April 30, 2017 and prorated these rates for
 4 the appropriate calendar year.

5 The forecasted energy savings quantified to dollars can be seen in Table 14 below.

6 **Table 14– Forecasted Savings**

	Residential (kWh)	GS <50 KW (kWh)	GS >50 (KW)	Large Use (KW)	Unmetered Scattered Load (kWh)	Sentinel Lighting (KW)	Street Lighting (KW)	Total
Forecast CDM Savings (kWh/KW)	2,388,275	834,230	5,825	2,536	16,690	39	53	
Distribution Rates in 2015	\$0.01360	\$0.00840	\$2.06970	\$0.11490	\$0.00770	\$5.88170	\$8.15550	
Distribution Rates in 2016	\$0.01160	\$0.00850	\$2.10670	\$0.59610	\$0.00780	\$5.98670	\$8.30100	
Forecast CDM Savings in 2015 (\$)	\$32,481	\$7,008	\$12,056	\$291	\$129	\$229	\$432	\$52,626
Forecast CDM Savings in 2016 (\$)	\$27,704	\$7,091	\$12,272	\$1,512	\$130	\$233	\$440	\$49,382
Total Forecast CDM Savings	\$60,185	\$14,098	\$24,328	\$1,803	\$259	\$463	\$872	\$102,007

7
 8 Actual lost revenues are based on verified results. 2015 and 2016 energy savings and
 9 corresponding lost revenue dollars can be seen in Tables 15 and 16 below.

10 **Table 15– Actual Lost Revenue in 2015**

2015 LRAMVA Principal Amounts	Residential (kWh)	GS <50 KW (kWh)	GS >50 (KW)	Large Use (KW)	Unmetered Scattered Load (kWh)	Sentinel Lighting (KW)	Street Lighting (KW)	Total
Actual CDM Savings in 2015 (kWh/KW)								
2011 Savings Persisting in 2015	478,853	327,326	3,063					
2012 Savings Persisting in 2015	423,982	108,137	1,471					
2013 Savings Persisting in 2015	362,212	503,268	6,737					
2014 Savings Persisting in 2015	737,028	158,216	4,140					
2015 Savings Persisting in 2015	919,810	263,773	1,496					
Total Actual CDM Savings in 2015	2,921,885	1,360,720	16,907	-	-	-	-	
Distribution Rates in 2015	\$0.01360	\$0.00840	\$2.06970	\$0.11490	\$0.00770	\$5.88170	\$8.15550	
Actual Lost Revenue in 2015 (\$)								
Lost Revenue in 2015 from 2011 programs	\$6,512	\$2,750	\$6,338					\$15,600
Lost Revenue in 2015 from 2012 programs	\$5,766	\$908	\$3,044					\$9,719
Lost Revenue in 2015 from 2013 programs	\$4,926	\$4,227	\$13,944					\$23,097
Lost Revenue in 2015 from 2014 programs	\$10,024	\$1,329	\$8,568					\$19,920
Lost Revenue in 2015 from 2015 programs	\$12,509	\$2,216	\$3,097					\$17,822
Total Actual Lost Revenue in 2015	\$39,738	\$11,430	\$34,991	\$0	\$0	\$0	\$0	\$86,159

11

1

Table 16– Actual Lost Revenue in 2016

2016 LRAMVA Principal Amounts	Residential (kWh)	GS <50 KW (kWh)	GS >50 (KW)	Large Use (KW)	Unmetered Scattered Load (kWh)	Sentinel Lighting (KW)	Street Lighting (KW)	Total
Actual CDM Savings in 2016 (kWh/KW)								
2011 Savings Persisting in 2016	393,228	326,313	3,063					
2012 Savings Persisting in 2016	380,224	108,137	893					
2013 Savings Persisting in 2016	332,955	476,707	6,700					
2014 Savings Persisting in 2016	699,297	156,886	4,140					
2015 Savings Persisting in 2016	898,723	259,462	1,496					
2016 Savings Persisting in 2016	1,324,202	175,683	1,350					
Total Actual CDM Savings in 2016	4,028,629	1,503,188	17,642	-	-	-	-	
Distribution Rates in 2016	\$0.01160	\$0.00850	\$2.10670	\$0.59610	\$0.00780	\$5.98670	\$8.30100	
Actual Lost Revenue in 2016 (\$)								
Lost Revenue in 2016 from 2011 programs	\$4,561	\$2,774	\$6,452					\$13,787
Lost Revenue in 2016 from 2012 programs	\$4,411	\$919	\$1,881					\$7,211
Lost Revenue in 2016 from 2013 programs	\$3,862	\$4,052	\$14,116					\$22,030
Lost Revenue in 2016 from 2014 programs	\$8,112	\$1,334	\$8,721					\$18,166
Lost Revenue in 2016 from 2015 programs	\$10,425	\$2,205	\$3,152					\$15,783
Lost Revenue in 2016 from 2016 programs	\$19,544	\$1,493	\$2,844					\$23,882
Total Actual Lost Revenue in 2016	\$50,916	\$12,777	\$37,166	\$0	\$0	\$0	\$0	\$100,859

2

3 Table 17 below contains a summary of Tables 14, 15 and 16 and provides a summary
 4 of the LRAMVA calculation.

5

Table 17– Summary of LRAMVA

SUMMARY	Residential (kWh)	GS <50 KW (kWh)	GS >50 (KW)	Large Use (KW)	Unmetered Scattered Load (kWh)	Sentinel Lighting (KW)	Street Lighting (KW)	Total
Forecast CDM Savings 2015 and 2016	\$60,185	\$14,098	\$24,328	\$1,803	\$259	\$463	\$872	\$102,007
Actual Lost Revenue in 2015	\$ 39,738	\$ 11,430	\$ 34,991	\$ -	\$ -	\$ -	\$ -	\$ 86,159
Actual Lost Revenue in 2016	\$ 50,916	\$ 12,777	\$ 37,166	\$ -	\$ -	\$ -	\$ -	\$ 100,859
Total Actual Lost Revenue	\$ 90,653	\$ 24,207	\$ 72,157	\$ -	\$ -	\$ -	\$ -	\$ 187,018
LRAMVA Principal Balance	\$ 30,469	\$ 10,109	\$ 47,830	-\$ 1,803	-\$ 259	-\$ 463	-\$ 872	\$ 85,010

6

7 The OEB’s Report of the OEB: Update Policy for the Lost Revenues Adjustment
 8 Mechanism calculation: Lost Revenues and Peak Demand Savings from Conservation
 9 and Demand Management Programs (“the LRAMVA Report”) states that Demand
 10 Response 3 savings should generally not be included in the LRAM savings unless
 11 supported by empirical evidence to be reviewed in a cost of service application.
 12 Welland Hydro has not included any Demand Response savings in its calculations.

1 For CDM programs that are designed for a specific customer class, LRAMVA
2 allocations for CDM savings were allocated directly to those customer classes. For
3 example, the Heating and Cooling Initiative is designated as a Residential program and
4 CDM savings have been allocated 100% to the Residential class. For programs that are
5 not specifically designated to one rate class the CDM programs have been reviewed
6 and an estimate based on the number of customers of each program has been made. A
7 summary of the allocation of CDM savings by program to each Rate class can be seen
8 in Tab 3-a of the LRAMVA Workform.

9 **3.2.7 Tax Changes**

10 Welland Hydro is not requesting any tax change rate riders in this application. Section
11 3.2.7 of the Filing Requirements indicates that “OEB policy, as described in the OEB’s
12 2008 report entitled Supplemental Report of the Board on 3rd Generation Incentive
13 Regulation for Ontario’s Distributors (the Supplemental Report), prescribes a 50/50
14 sharing of impacts of legislated tax changes from distributors’ tax rates embedded in its
15 OEB approved base rate known at the time of application.” At this time, Welland Hydro
16 is not aware of any impacts of legislated tax changes from Welland Hydro’s current base
17 rate.

18 **3.2.8 Z-factor Claims**

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

23 **3.3 Elements Specific only to Price Cap IR Plan**

24 **3.3.1 Advanced Capital Module**

25 As stated in Section 3.3.1 of the Filing Requirements, The Advanced Capital Module
26 (ACM) approach seeks to increase regulatory efficiency during the Price Cap IR term and
27 provides a distributor with the opportunity to smooth out its capital program over a five-

1 year period between cost of service applications. Welland Hydro is not requesting
2 approval for an ACM Module in this application.

3 **3.3.2 Incremental Capital Module**

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

8 **4 1595 Analysis Workform**

9 As stated in Appendix A: Application of Recoveries in Account 1595 of the Filing
10 Requirements, distributors who meet the requirements for disposition of residual
11 balances of Account 1595 sub-accounts must complete the 1595 Analysis Workform.
12 Welland Hydro has requested disposition of the residual balance in Account 1595
13 (2016) in the amount of \$37,454 credit and has included the 1595 Analysis Workform as
14 Appendix H.

15 Balances in Account 1595 will be assessed in two groups of accounts; the amounts
16 attributed to GA, and the remainder of Group 1 and Group 2 Accounts. A residual
17 balance in either of the two groups of accounts exceeding +/- 10% of the original
18 amounts previously approved for disposition would be considered material and would
19 require further analysis.

20 Welland Hydro has calculated a residual balance of 1.1% related to GA and 5.0%
21 related to the remainder of Group 1 and Group 2 accounts and therefore does not
22 consider the residual balances material. No further analysis is required.

23 The results of the Account 1595 Workform can be seen in Table 15 below:

1

Table 15 - Account 1595 Workform

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/ Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$676,370	-\$53,233	-\$729,603	-\$692,871	-\$36,732	-\$3,229	-\$39,961	5.0%
Account 1589 - Global Adjustment	\$152,732	\$1,450	\$154,182	\$152,448	\$1,734	\$774	\$2,508	1.1%
Total Group 1 and Group 2 Balances	-\$523,638	-\$51,783	-\$575,421	-\$540,423	-\$34,998	-\$2,455	-\$37,453	6.1%

2

3 **5 Conclusion**

4 Welland Hydro has complied with the instructions provided in the OEB's 2019 IRM Rate
 5 Generator Model as well as Chapters 1 & 3 of the OEB's Filing Requirements for
 6 Electricity Distribution Rate Applications revised July 12, 2018. As a result, Welland
 7 Hydro applies for an Order or Orders approving the Tariff of Rates and Charges set out
 8 in Appendix C to this Application as just and reasonable rates and charges pursuant to
 9 section 78 of the OEB Act, to be effective May 1, 2019.

10 As discussed above, Welland Hydro has concluded that no bill impact mitigation is
 11 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:

A handwritten signature in black ink, appearing to read 'Wayne Armstrong', is written over a solid horizontal line.

Wayne Armstrong, CPA, CMA

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

T: 905-732-1381 Ext 234

warmstrong@wellandhydro.com

Date:

October 11, 2018

APPENDIX - B

CURRENT 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	\$	24.94
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0037
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069

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	\$	31.23
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0092
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

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 wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	284.37
Distribution Volumetric Rate	\$/kW	3.0664
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
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	2.2908
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2804

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)	\$	10.42
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	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

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)	\$	3.84
Distribution Volumetric Rate	\$/kW	8.5934
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4389)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1448
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8803

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	2.5454
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4249)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1402
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8761

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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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

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, 2019

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

EB-2018-0075

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	\$	27.65
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0021)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068

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, 2019

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

EB-2018-0075

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	\$	31.56
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0093
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0020)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

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

Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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 wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	287.36
Distribution Volumetric Rate	\$/kW	3.0986
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.1213
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5893)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.1512)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2786
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2388

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, 2019

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

EB-2018-0075

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)	\$	10.53
Distribution Volumetric Rate	\$/kWh	0.0070
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0021)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

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

Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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)	\$	3.88
Distribution Volumetric Rate	\$/kW	8.6836
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.2411)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.7405)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1333
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8460

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, 2019

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

EB-2018-0075

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)	\$	0.62
Distribution Volumetric Rate	\$/kW	2.5721
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.2350)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.7624)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1288
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8419

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, 2019

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

EB-2018-0075

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	11.00
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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)

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

Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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, 2019

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

EB-2018-0075

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 - D

2019 IRM RATE GENERATOR MODEL



Incentive Regulation Model for 2019 Filers

Version 2.0

Utility Name Welland Hydro-Electric System Corp.

Assigned EB Number EB-2018-0075

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, 2019

Rate-Setting Method Price Cap IR

Please indicate in which Rate Year the Group 1 accounts were last cleared¹ 2018

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

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

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



Incentive Regulation Model for 2019 File

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	\$	24.94
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0037
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069

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



Incentive Regulation Model for 2019 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	\$	31.23
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0092
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

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



Incentive Regulation Model for 2019 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 wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	284.37
Distribution Volumetric Rate	\$/kW	3.0664
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
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	2.2908
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2804

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



Incentive Regulation Model for 2019 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.

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)	\$	10.42
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	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0012)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

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



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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)	\$	3.84
Distribution Volumetric Rate	\$/kW	8.5934
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4389)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1448
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8803

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



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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	2.5454
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0062)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4249)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1402
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8761

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



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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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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)

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



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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



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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

		2012									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments ¹ during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments ¹ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550					0				0	
Smart Metering Entity Charge Variance Account	1551					0				0	
RSVA - Wholesale Market Service Charge ⁵	1580					0				0	
Variance WMS – Sub-account CBR Class A ⁵	1580					0				0	
Variance WMS – Sub-account CBR Class B ⁵	1580					0				0	
RSVA - Retail Transmission Network Charge	1584					0				0	
RSVA - Retail Transmission Connection Charge	1586					0				0	
RSVA - Power ⁴	1588					0				0	
RSVA - Global Adjustment ⁴	1589					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595					0				0	
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595					0				0	
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Total including Account 1568		0	0	0	0	0	0	0	0	0	

2013

Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments ¹ during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments ¹ during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	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 ⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0	(196,733)	(833,442)		636,709	0	6,375	376		5,999
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <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	(196,733)	(833,442)	0	636,709	0	6,375	376	0	5,999
Total Group 1 Balance		0	(196,733)	(833,442)	0	636,709	0	6,375	376	0	5,999
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	(196,733)	(833,442)	0	636,709	0	6,375	376	0	5,999

2014

Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments ¹ during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments ¹ during 2014	Closing Interest Amounts as of Dec 31, 2014
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	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 ⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	636,709	(275,577)			361,132	5,999	7,441			13,440
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	467,336	725,714		(258,378)	0	(4,289)	36,508		(40,797)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <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		636,709	191,759	725,714	0	102,754	5,999	3,152	36,508	0	(27,357)
Total Group 1 Balance		636,709	191,759	725,714	0	102,754	5,999	3,152	36,508	0	(27,357)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		636,709	191,759	725,714	0	102,754	5,999	3,152	36,508	0	(27,357)

		2015									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments ¹ during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments ¹ during 2015	Closing Interest Amounts as of Dec 31, 2015
Group 1 Accounts											
LV Variance Account	1550	0				0				0	
Smart Metering Entity Charge Variance Account	1551	0			6,235	6,235			462	462	
RSVA - Wholesale Market Service Charge ⁵	1580	0			(877,100)	(877,100)			(5,993)	(5,993)	
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0				0	
Variance WMS – Sub-account CBR Class B ⁵	1580	0			99,240	99,240			1,093	1,093	
RSVA - Retail Transmission Network Charge	1584	0			(232,128)	(232,128)			(2,457)	(2,457)	
RSVA - Retail Transmission Connection Charge	1586	0			(34,892)	(34,892)			362	362	
RSVA - Power ⁴	1588	0			(167,572)	(167,572)			(27,519)	(27,519)	
RSVA - Global Adjustment ⁴	1589	0			462,126	462,126			1,324	1,324	
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0				0	
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	361,132	(157,762)			203,370	13,440	3,312		16,752	
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	(258,378)	236,321			(22,057)	(40,797)	(918)		(41,715)	
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	(292,380)	(447,917)		155,537	0	1,998	(11,325)	13,323	
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0				0	
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0				0	
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <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	
RSVA - Global Adjustment	1589	0	0	0	462,126	462,126	0	0	0	1,324	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		102,754	(213,821)	(447,917)	(1,206,217)	(869,367)	(27,357)	4,392	(11,325)	(34,052)	
Total Group 1 Balance		102,754	(213,821)	(447,917)	(744,091)	(407,241)	(27,357)	4,392	(11,325)	(32,728)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0				0	
Total including Account 1568		102,754	(213,821)	(447,917)	(744,091)	(407,241)	(27,357)	4,392	(11,325)	(32,728)	

2016

Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments ¹ during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments ¹ during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	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 ⁵	1580	(877,100)	(380,623)	(52,249)		(1,205,474)	(5,993)	(12,776)	(663)		(18,106)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	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 ⁴	1588	(167,572)	53,867	(508,523)		394,818	(27,519)	(3,370)	(29,828)		(1,061)
RSVA - Global Adjustment ⁴	1589	462,126	(996,288)	152,732	169,907	(516,987)	1,324	(1,368)	1,450		(1,494)
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	203,370			(172,968)	30,402	16,752	440		(11,718)	5,474
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	(22,057)				(22,057)	(41,715)	(243)		(618)	(42,576)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	155,537	(139,975)			15,562	13,323	817			14,140
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	353,564	523,638		(170,074)	0	(2,268)	51,783		(54,051)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <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	462,126	(996,288)	152,732	169,907	(516,987)	1,324	(1,368)	1,450	0	(1,494)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(869,367)	(254,600)	(76,536)	(172,968)	(1,220,399)	(45,692)	(20,683)	21,651	(12,336)	(100,362)
Total Group 1 Balance		(407,241)	(1,250,888)	76,196	(3,061)	(1,737,386)	(44,368)	(22,051)	23,101	(12,336)	(101,856)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0			0	0
Total including Account 1568		(407,241)	(1,250,888)	76,196	(3,061)	(1,737,386)	(44,368)	(22,051)	23,101	(12,336)	(101,856)

		2017									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts											
LV Variance Account	1550	0				0	0			0	
Smart Metering Entity Charge Variance Account	1551	(6,310)	(3,714)	(2,118)		(7,906)	(35)	(74)	(62)	(47)	
RSVA - Wholesale Market Service Charge ⁵	1580	(1,205,474)	(409,051)	(824,851)		(789,674)	(18,106)	(10,857)	(16,335)	764	
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0			0	
Variance WMS – Sub-account CBR Class B ⁵	1580	82,411	(7,395)	99,240		(24,224)	2,047	181	1,456	(764)	
RSVA - Retail Transmission Network Charge	1584	(222,349)	(66,002)	(148,772)		(139,579)	(4,440)	(2,363)	(3,541)	(3,262)	
RSVA - Retail Transmission Connection Charge	1586	(117,328)	(37,849)	(70,493)		(84,684)	(1,754)	(1,438)	(1,633)	(1,559)	
RSVA - Power ⁴	1588	394,818	(130,412)	340,951		(76,545)	(1,061)	(6,310)	7,311	(14,682)	
RSVA - Global Adjustment ⁴	1589	(516,987)	(371,669)	309,394		(1,198,050)	(1,494)	(8,757)	4,410	(14,661)	
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0				0	0			0	
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	30,402		30,402		0	5,474		5,474	0	
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	(22,057)		(22,057)		0	(42,576)		(42,576)	0	
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	15,562				15,562	14,140	394		(578)	
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	(170,074)	170,074			0	(54,051)	16,597		(37,454)	
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	103,331	180,887		(77,556)	0	(930)	7,818	(8,748)	
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <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	(516,987)	(371,669)	309,394	0	(1,198,050)	(1,494)	(8,757)	4,410	0	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,220,399)	(381,018)	(416,811)	0	(1,184,606)	(100,362)	(4,800)	(42,088)	(578)	
Total Group 1 Balance		(1,737,386)	(752,687)	(107,417)	0	(2,382,656)	(101,856)	(13,557)	(37,678)	(578)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0		0	85,010	85,010	0			1,821	
Total including Account 1568		(1,737,386)	(752,687)	(107,417)	85,010	(2,297,646)	(101,856)	(13,557)	(37,678)	1,243	

		2018			
Account Descriptions	Account Number	Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018
Group 1 Accounts					
LV Variance Account	1550			0	0
Smart Metering Entity Charge Variance Account	1551	(4,192)	(34)	(3,714)	(13)
RSVA - Wholesale Market Service Charge ⁵	1580	(380,623)	(7,353)	(409,051)	(4,511)
Variance WMS – Sub-account CBR Class A ⁵	1580			0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(16,829)	344	(7,395)	(336)
RSVA - Retail Transmission Network Charge	1584	(73,577)	(1,978)	(66,002)	(1,284)
RSVA - Retail Transmission Connection Charge	1586	(46,835)	(808)	(37,849)	(751)
RSVA - Power ⁴	1588	53,867	(7,582)	(130,412)	(7,100)
RSVA - Global Adjustment ⁴	1589	(826,381)	(18,024)	(371,669)	3,363
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	15,562	14,534	0	(578)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595			0	(37,454)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595			(77,556)	(8,748)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595			0	0
RSVA - Global Adjustment	1589	(826,381)	(18,024)	(371,669)	3,363
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(452,627)	(2,877)	(731,979)	(60,775)
Total Group 1 Balance		(1,279,008)	(20,901)	(1,103,648)	(57,412)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			85,010	1,821
Total including Account 1568		(1,279,008)	(20,901)	(1,018,638)	(55,591)

		Projected Interest on Dec-31-17 Balances			2.1.7 RRR		
Account Descriptions	Account Number	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 ²	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 ²	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)
Group 1 Accounts							
LV Variance Account	1550			0	0	0	0
Smart Metering Entity Charge Variance Account	1551	(69)	(27)	(110)	(3,824)	(7,953)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(7,619)	(2,959)	(15,088)	(424,139)	(825,754)	(24,216)
Variance WMS – Sub-account CBR Class A ⁵	1580			0	0	0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(138)	(53)	(527)	(7,922)	(24,216)	0
RSVA - Retail Transmission Network Charge	1584	(1,229)	(477)	(2,991)	(68,993)	(142,841)	(0)
RSVA - Retail Transmission Connection Charge	1586	(705)	(274)	(1,730)	(39,579)	(86,243)	0
RSVA - Power ⁴	1588	(2,429)	(943)	(10,472)	(140,884)	(91,227)	(0)
RSVA - Global Adjustment ⁴	1589	(6,922)	(2,688)	(6,248)	(377,917)	(1,212,711)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595			0	<input type="checkbox"/> Check to Dispose of Account	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595			0	<input type="checkbox"/> Check to Dispose of Account	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595			0	<input type="checkbox"/> Check to Dispose of Account	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595			(578)	<input type="checkbox"/> Check to Dispose of Account	29,518	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	(37,454)	<input type="checkbox"/> Check to Dispose of Account	(37,454)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595			(8,748)	<input type="checkbox"/> Check to Dispose of Account	(86,304)	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595			0	<input type="checkbox"/> Check to Dispose of Account	0	0
RSVA - Global Adjustment	1589	(6,922)	(2,688)	(6,248)	(377,917)	(1,212,711)	(0)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(12,189)	(4,734)	(77,698)	(722,795)	(1,248,259)	(1)
Total Group 1 Balance		(19,111)	(7,422)	(83,946)	(1,100,712)	(2,460,970)	(1)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1,583	615	4,019	89,029	0	(86,831)
Total including Account 1568		(17,528)	(6,807)	(79,926)	(1,011,682)	(2,460,970)	(86,832)

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	153,825,741	0	5,469,909
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	52,319,962	0	8,717,207
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	144,490,127	397,736	128,424,370
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	958,727	0	128,303
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	729,133	2,012	60,994
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,393,112	3,890	1,393,112
	Total	353,716,802	403,638	144,193,895

Threshold Test

Total Claim (including Account 1568)	(\$1,011,682)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$1,100,712)
Threshold Test (Total claim per kWh) ²	(\$0.0031)

Rate Class	Unit	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW 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	354,247	3,013,780	5518
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	164	0	0
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,890	0	0
Total		358,301	3,013,780	5,518

Threshold Test

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

Threshold Test (Total claim per kWh) ²

Rate Class	Unit	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2016) ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	153,825,741	0	42%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	52,319,962	0	14%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	141,476,347	392,218	42%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	958,727	0	0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	729,133	2,012	0%
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,393,112	3,890	1%
Total		350,703,022	398,120	100%

Threshold Test

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

Threshold Test (Total claim per kWh) ²

Rate Class	Unit	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	31,857	21,093
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	10,591	1,796
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	48,251	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	-271	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	-485	
STREET LIGHTING SERVICE CLASSIFICATION	kW	-914	
	Total	89,029	22,889

Threshold Test

Total Claim (including Account 1568)

1568 Account Balance from Continuity Schedule	89,029
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	43.5%	92.2%	43.9%	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.8%	7.8%	14.9%	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	40.8%	0.0%	40.3%	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	(3,524)	(189,511)	(30,004)	(17,212)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	(300)	(64,458)	(10,205)	(5,854)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	0	(174,297)	(28,183)	(16,168)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0	(1,181)	(187)	(107)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0	(898)	(142)	(82)
STREET LIGHTING SERVICE CLASSIFICATION	0	(1,716)	(272)	(156)
Total	(3,824)	(432,062)	(68,993)	(39,579)

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

allocated based on
Total less WMP

Rate Class	1588	1595_(2016)	1568
RESIDENTIAL SERVICE CLASSIFICATION	(61,795)	(15,843)	31,857
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	(21,018)	(5,393)	10,591
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	(56,834)	(15,768)	48,251
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	(385)	(112)	(271)
SENTINEL LIGHTING SERVICE CLASSIFICATION	(293)	(75)	(485)
STREET LIGHTING SERVICE CLASSIFICATION	(560)	(262)	(914)
Total	(140,884)	(37,454)	89,029

1 Please select the Year the Account 1580 CBR Class B was Last Disposed. (e.g. If in the 2018 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2016, enter 2016.)

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 the year after the balance was last disposed to 2017)? (e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 and 2017.)

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. from the year after the balance was last disposed to 2017)? (e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017.)

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

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2017	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,392,134	1,191,227
		kW	8,172	7,922
		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		2017	
Customer A1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	13,350,932	
		kW	53,123	

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 the Account 1589 GA Balance Last Disposed

2016

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

		Total	2017
Total Non-RPP 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 or full year)	A	129,651,736	129,651,736
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	1,392,134	1,392,134
Transition Customers' Portion of Total Consumption	C=B/A	1.07%	

Allocation of Total GA Balance \$

Total GA Balance	D	-\$	377,917
Transition Customers Portion of GA Balance	E=C*D	-\$	4,058
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$	373,859

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 When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments
Customer 1		1,392,134	1,392,134	100.00%	-\$ 4,058	-\$ 338
Total		1,392,134	1,392,134	100.00%	-\$ 4,058	

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable. Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

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

**Total Metered Non-RPP 2017
Consumption excluding WMP**

kWh

RESIDENTIAL SERVICE CLASSIFICATION	kWh	5,469,909
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	8,717,207
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	128,424,370
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	128,303
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	60,994
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,393,112
Total		144,193,895

**Total Metered 2017 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	13,350,932
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh	0
Total		13,350,932

**Total Metered 2017 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	2,583,361
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh	0
Total		2,583,361

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

kWh

RESIDENTIAL SERVICE CLASSIFICATION	kWh	5,469,909
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	8,717,207
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	112,490,077
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	128,303
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	60,994
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,393,112
Total		128,259,602

		% of total kWh	Total GA \$ allocated to Current Class B Customers
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4.3%	(\$15,944)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	6.8%	(\$25,409)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	87.7%	(\$327,893)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0.1%	(\$374)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0.0%	(\$178)
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1.1%	(\$4,061)
Total		100.0%	(\$373,859)

GA Rate Rider

RESIDENTIAL SERVICE CLASSIFICATION	kWh	-\$0.0029	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	-\$0.0029	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	-\$0.0029	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	-\$0.0029	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	-\$0.0029	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	-\$0.0029	kWh
	Total		

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.

Please enter the Year the Account 1580 CBR Class B was Last Disposed.

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	2017
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 or full year)	A	336,160,863	336,160,863
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	1,392,134	1,392,134
Transition Customers' Portion of Total Consumption	C=B/A	0.41%	334,768,729

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	D	-\$	7,922
Transition Customers Portion of CBR Class B Balance	E=D*C	-\$	33
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$	7,889

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 When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments	
Customer 1		1,392,134	1,392,134	100.00%	-\$	33	-\$ 3
Total		1,392,134	1,392,134	100.00%	-\$	33	-\$ 3

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

Please select the Year the Account 1580 CBR Class B was Last Disposed.

2016

(Note: Account 1580, Sub-account CBR Class B was

		Total Metered 2017 Consumption Minus WMP		Total Metered 2017 Consumption A customers that were entire period CBR Class B accumulated
		kWh	kW	kWh
RESIDENTIAL SERVICE CLASSIFICATION	kWh	153,825,741	0	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	52,319,962	0	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	141,476,347	392,218	13,350,932
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	958,727	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	729,133	2,012	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh	1,393,112	3,890	0
Total		350,703,022	398,120	13,350,932

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 1580, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed.

2016

(Account established starting in 2015)

	Implication for Class Class A for the Class B balance kWh	Total Metered 2017 Consumption that Transitioned Between (kWh) the period CBR Class B balance 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 53,123	2,583,361
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh 0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh 0	0
STREET LIGHTING SERVICE CLASSIFICATION	kWh 0	0
Total	53,123	2,583,361

The purpose of this tab is to calculate the CBR rate riders for all current Class A and B customers. The CBR rate rider for Class A and B customers is based on the CBR Class B balance accumulated for the year 2016, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed.

2016

		Option for Customers Class A and B during balance accumulated	Metered Consumption for Customers (Total Consumption A and Transition Customers)
		kWh	kWh
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0	153,825,741
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	0	52,319,962
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	16,094	125,542,054
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	958,727
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	729,133
STREET LIGHTING SERVICE CLASSIFICATION	kWh	0	1,393,112
Total		16,094	334,768,729

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

Please select the Year the Account 1580 CBR Class B was Last Disposed.

2016

		Current Class B (Less WMP, Class B Consumption)	% of total kWh
		kWh	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0	45.9%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	0	15.6%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	323,001	37.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	2,012	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kWh	3,890	0.4%
Total		328,903	100.0%

		Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(\$3,625)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	(\$1,233)	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	(\$2,959)	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	(\$23)	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	(\$17)	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	(\$33)	\$0.0000	kW
Total		(\$7,890)	\$0.0000	

Input required at cells C13 and C14. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicabl

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

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption
RESIDENTIAL SERVICE CLASSIFICATION	kWh	153,825,741	0	153,825,741	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	52,319,962	0	52,319,962	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	144,490,127	397,736	141,476,347	392,218
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	958,727	0	958,727	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	729,133	2,012	729,133	2,012
STREET LIGHTING SERVICE CLASSIFICATION	kW	1,393,112	3,890	1,393,112	3,890

Default Rate Rider Recovery Period (in months)
DVA Proposed Rate Rider Recovery Period (in months)
LRAM Proposed Rate Rider Recovery Period (in months)

Rate Class	Unit	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non- WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(317,889)		(0.0021)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	(107,228)		(0.0020)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	(60,119)	(231,131)	(0.1512)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	(1,973)		(0.0021)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	(1,490)		(0.7405)
STREET LIGHTING SERVICE CLASSIFICATION	kW	(2,966)		(0.7624)

Default Rate Rider Recovery Period (in months)
DVA Proposed Rate Rider Recovery Period (in months)
LRAM Proposed Rate Rider Recovery Period (in months)

Rate Class	Unit	Deferral/Variance Account Rate Rider for		Revenue Reconcile
		Non-WMP (if applicable) ²	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	0.0000	0.0002	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	0.0000	0.0002	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	(0.5893)	0.1213	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0.0000	(0.0003)	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	0.0000	(0.2411)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	0.0000	(0.2350)	
				(725,414.68)

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	0.0076	153,825,741	0	1.0476	161,147,846
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069	153,825,741	0	1.0476	161,147,846
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	52,319,962	0	1.0476	54,810,392
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	52,319,962	0	1.0476	54,810,392
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2908	144,490,127	397,736		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2804	144,490,127	397,736		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	958,727	0	1.0476	1,004,362
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	958,727	0	1.0476	1,004,362
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1448	729,133	2,012		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8803	729,133	2,012		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1402	1,393,112	3,890		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8761	1,393,112	3,890		

Uniform Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.5203
If needed, add extra host here. (I)		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
If needed, add extra host here. (II)		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
			Historical 2017	Current 2018	Forecast 2019
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$				

Incentive Regulation Model for 2019 Filers

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

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

IESO Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	59,154	\$3.61	\$ 213,546	58,346	\$0.87	\$ 50,761	58,346	\$2.02	\$ 117,859	\$ 168,620
February	55,804	\$3.61	\$ 201,454	55,392	\$0.87	\$ 48,191	55,392	\$2.02	\$ 111,892	\$ 160,083
March	54,608	\$3.61	\$ 197,135	53,903	\$0.87	\$ 46,896	53,903	\$2.02	\$ 108,884	\$ 155,780
April	49,461	\$3.61	\$ 178,553	48,785	\$0.87	\$ 42,443	48,785	\$2.02	\$ 98,546	\$ 140,989
May	48,690	\$3.61	\$ 175,772	50,315	\$0.87	\$ 43,774	50,315	\$2.02	\$ 101,636	\$ 145,410
June	61,589	\$3.61	\$ 222,338	64,500	\$0.87	\$ 56,115	64,500	\$2.02	\$ 130,290	\$ 186,405
July	66,937	\$3.61	\$ 241,644	67,253	\$0.87	\$ 58,510	67,253	\$2.02	\$ 135,851	\$ 194,361
August	64,215	\$3.61	\$ 231,817	67,687	\$0.87	\$ 58,888	67,687	\$2.02	\$ 136,728	\$ 195,615
September	73,812	\$3.61	\$ 266,463	73,311	\$0.87	\$ 63,781	73,311	\$2.02	\$ 148,088	\$ 211,869
October	51,547	\$3.61	\$ 186,085	50,843	\$0.87	\$ 44,233	50,843	\$2.02	\$ 102,703	\$ 146,936
November	53,056	\$3.52	\$ 186,757	53,647	\$0.88	\$ 47,209	53,647	\$2.13	\$ 114,268	\$ 161,477
December	56,134	\$3.52	\$ 197,592	58,394	\$0.88	\$ 51,387	58,394	\$2.13	\$ 124,379	\$ 175,766
Total	695,009	\$ 3.60	\$ 2,499,155	702,376	\$ 0.87	\$ 612,188	702,376	\$ 2.04	\$ 1,431,124	\$ 2,043,312

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

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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 2019 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.

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	59,154	\$ 3.6100	\$ 213,546	58,346	\$ 0.8700	\$ 50,761	58,346	\$ 2.0200	\$ 117,859	\$ 168,620
February	55,804	\$ 3.6100	\$ 201,454	55,392	\$ 0.8700	\$ 48,191	55,392	\$ 2.0200	\$ 111,892	\$ 160,083
March	54,608	\$ 3.6100	\$ 197,135	53,903	\$ 0.8700	\$ 46,896	53,903	\$ 2.0200	\$ 108,884	\$ 155,780
April	49,461	\$ 3.6100	\$ 178,553	48,785	\$ 0.8700	\$ 42,443	48,785	\$ 2.0200	\$ 98,546	\$ 140,989
May	48,690	\$ 3.6100	\$ 175,772	50,315	\$ 0.8700	\$ 43,774	50,315	\$ 2.0200	\$ 101,636	\$ 145,410
June	61,589	\$ 3.6100	\$ 222,338	64,500	\$ 0.8700	\$ 56,115	64,500	\$ 2.0200	\$ 130,290	\$ 186,405
July	66,937	\$ 3.6100	\$ 241,644	67,253	\$ 0.8700	\$ 58,510	67,253	\$ 2.0200	\$ 135,851	\$ 194,361
August	64,215	\$ 3.6100	\$ 231,817	67,687	\$ 0.8700	\$ 58,888	67,687	\$ 2.0200	\$ 136,728	\$ 195,615
September	73,812	\$ 3.6100	\$ 266,463	73,311	\$ 0.8700	\$ 63,781	73,311	\$ 2.0200	\$ 148,088	\$ 211,869
October	51,547	\$ 3.6100	\$ 186,085	50,843	\$ 0.8700	\$ 44,233	50,843	\$ 2.0200	\$ 102,703	\$ 146,936
November	53,056	\$ 3.5200	\$ 186,757	53,647	\$ 0.8800	\$ 47,209	53,647	\$ 2.1300	\$ 114,268	\$ 161,477
December	56,134	\$ 3.5200	\$ 197,592	58,394	\$ 0.8800	\$ 51,387	58,394	\$ 2.1300	\$ 124,379	\$ 175,766
Total	695,009	\$ 3.60	\$ 2,499,155	702,376	\$ 0.87	\$ 612,188	702,376	\$ 2.04	\$ 1,431,124	\$ 2,043,312
										Low Voltage Switchgear Credit (if applicable)
										\$ -
										Total including deduction for Low Voltage Switchgear Credit
										\$ 2,043,312

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

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	59,154	\$ 3.6100	\$ 213,546	58,346	\$ 0.9500	\$ 55,429	58,346	\$ 2.3400	\$ 136,530				\$ 191,958
February	55,804	\$ 3.6100	\$ 201,454	55,392	\$ 0.9500	\$ 52,622	55,392	\$ 2.3400	\$ 129,617				\$ 182,240
March	54,608	\$ 3.6100	\$ 197,135	53,903	\$ 0.9500	\$ 51,208	53,903	\$ 2.3400	\$ 126,133				\$ 177,341
April	49,461	\$ 3.6100	\$ 178,553	48,785	\$ 0.9500	\$ 46,346	48,785	\$ 2.3400	\$ 114,157				\$ 160,503
May	48,690	\$ 3.6100	\$ 175,772	50,315	\$ 0.9500	\$ 47,799	50,315	\$ 2.3400	\$ 117,737				\$ 165,536
June	61,589	\$ 3.6100	\$ 222,338	64,500	\$ 0.9500	\$ 61,275	64,500	\$ 2.3400	\$ 150,930				\$ 212,205
July	66,937	\$ 3.6100	\$ 241,644	67,253	\$ 0.9500	\$ 63,890	67,253	\$ 2.3400	\$ 157,372				\$ 221,262
August	64,215	\$ 3.6100	\$ 231,817	67,687	\$ 0.9500	\$ 64,303	67,687	\$ 2.3400	\$ 158,388				\$ 222,690
September	73,812	\$ 3.6100	\$ 266,463	73,311	\$ 0.9500	\$ 69,645	73,311	\$ 2.3400	\$ 171,548				\$ 241,193
October	51,547	\$ 3.6100	\$ 186,085	50,843	\$ 0.9500	\$ 48,301	50,843	\$ 2.3400	\$ 118,973				\$ 167,273
November	53,056	\$ 3.6100	\$ 191,532	53,647	\$ 0.9500	\$ 50,965	53,647	\$ 2.3400	\$ 125,534				\$ 176,499
December	56,134	\$ 3.6100	\$ 202,644	58,394	\$ 0.9500	\$ 55,474	58,394	\$ 2.3400	\$ 136,642				\$ 192,116
Total	695,009	\$ 3.61	\$ 2,508,982	702,376	\$ 0.95	\$ 667,257	702,376	\$ 2.34	\$ 1,643,560				\$ 2,310,817

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	-	\$ 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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 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	59,154	\$ 3.6100	\$ 213,546	58,346	\$ 0.9500	\$ 55,429	58,346	\$ 2.3400	\$ 136,530	\$ 191,958
February	55,804	\$ 3.6100	\$ 201,454	55,392	\$ 0.9500	\$ 52,622	55,392	\$ 2.3400	\$ 129,617	\$ 182,240
March	54,608	\$ 3.6100	\$ 197,135	53,903	\$ 0.9500	\$ 51,208	53,903	\$ 2.3400	\$ 126,133	\$ 177,341
April	49,461	\$ 3.6100	\$ 178,553	48,785	\$ 0.9500	\$ 46,346	48,785	\$ 2.3400	\$ 114,157	\$ 160,503
May	48,690	\$ 3.6100	\$ 175,772	50,315	\$ 0.9500	\$ 47,799	50,315	\$ 2.3400	\$ 117,737	\$ 165,536
June	61,589	\$ 3.6100	\$ 222,338	64,500	\$ 0.9500	\$ 61,275	64,500	\$ 2.3400	\$ 150,930	\$ 212,205
July	66,937	\$ 3.6100	\$ 241,644	67,253	\$ 0.9500	\$ 63,890	67,253	\$ 2.3400	\$ 157,372	\$ 221,262
August	64,215	\$ 3.6100	\$ 231,817	67,687	\$ 0.9500	\$ 64,303	67,687	\$ 2.3400	\$ 158,388	\$ 222,690
September	73,812	\$ 3.6100	\$ 266,463	73,311	\$ 0.9500	\$ 69,645	73,311	\$ 2.3400	\$ 171,548	\$ 241,193
October	51,547	\$ 3.6100	\$ 186,085	50,843	\$ 0.9500	\$ 48,301	50,843	\$ 2.3400	\$ 118,973	\$ 167,273
November	53,056	\$ 3.6100	\$ 191,532	53,647	\$ 0.9500	\$ 50,965	53,647	\$ 2.3400	\$ 125,534	\$ 176,499
December	56,134	\$ 3.6100	\$ 202,644	58,394	\$ 0.9500	\$ 55,474	58,394	\$ 2.3400	\$ 136,642	\$ 192,116
Total	695,009	\$ 3.61	\$ 2,508,982	702,376	\$ 0.95	\$ 667,257	702,376	\$ 2.34	\$ 1,643,560	\$ 2,310,817

Low Voltage Switchgear Credit (if applicable)	\$ -
Total including deduction for Low Voltage Switchgear Credit	\$ 2,310,817

Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 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	59,154	\$ 3.6100	\$ 213,546	58,346	\$ 0.9500	\$ 55,429	58,346	\$ 2.3400	\$ 136,530	\$ 191,958
February	55,804	\$ 3.6100	\$ 201,454	55,392	\$ 0.9500	\$ 52,622	55,392	\$ 2.3400	\$ 129,617	\$ 182,240
March	54,608	\$ 3.6100	\$ 197,135	53,903	\$ 0.9500	\$ 51,208	53,903	\$ 2.3400	\$ 126,133	\$ 177,341
April	49,461	\$ 3.6100	\$ 178,553	48,785	\$ 0.9500	\$ 46,346	48,785	\$ 2.3400	\$ 114,157	\$ 160,503
May	48,690	\$ 3.6100	\$ 175,772	50,315	\$ 0.9500	\$ 47,799	50,315	\$ 2.3400	\$ 117,737	\$ 165,536
June	61,589	\$ 3.6100	\$ 222,338	64,500	\$ 0.9500	\$ 61,275	64,500	\$ 2.3400	\$ 150,930	\$ 212,205
July	66,937	\$ 3.6100	\$ 241,644	67,253	\$ 0.9500	\$ 63,890	67,253	\$ 2.3400	\$ 157,372	\$ 221,262
August	64,215	\$ 3.6100	\$ 231,817	67,687	\$ 0.9500	\$ 64,303	67,687	\$ 2.3400	\$ 158,388	\$ 222,690
September	73,812	\$ 3.6100	\$ 266,463	73,311	\$ 0.9500	\$ 69,645	73,311	\$ 2.3400	\$ 171,548	\$ 241,193
October	51,547	\$ 3.6100	\$ 186,085	50,843	\$ 0.9500	\$ 48,301	50,843	\$ 2.3400	\$ 118,973	\$ 167,273
November	53,056	\$ 3.6100	\$ 191,532	53,647	\$ 0.9500	\$ 50,965	53,647	\$ 2.3400	\$ 125,534	\$ 176,499
December	56,134	\$ 3.6100	\$ 202,644	58,394	\$ 0.9500	\$ 55,474	58,394	\$ 2.3400	\$ 136,642	\$ 192,116
Total	695,009	\$ 3.61	\$ 2,508,982	702,376	\$ 0.95	\$ 667,257	702,376	\$ 2.34	\$ 1,643,560	\$ 2,310,817

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 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 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	59,154	\$ 3.61	\$ 213,546	58,346	\$ 0.95	\$ 55,429	58,346	\$ 2.34	\$ 136,530	\$ 191,958
February	55,804	\$ 3.61	\$ 201,454	55,392	\$ 0.95	\$ 52,622	55,392	\$ 2.34	\$ 129,617	\$ 182,240
March	54,608	\$ 3.61	\$ 197,135	53,903	\$ 0.95	\$ 51,208	53,903	\$ 2.34	\$ 126,133	\$ 177,341
April	49,461	\$ 3.61	\$ 178,553	48,785	\$ 0.95	\$ 46,346	48,785	\$ 2.34	\$ 114,157	\$ 160,503
May	48,690	\$ 3.61	\$ 175,772	50,315	\$ 0.95	\$ 47,799	50,315	\$ 2.34	\$ 117,737	\$ 165,536
June	61,589	\$ 3.61	\$ 222,338	64,500	\$ 0.95	\$ 61,275	64,500	\$ 2.34	\$ 150,930	\$ 212,205
July	66,937	\$ 3.61	\$ 241,644	67,253	\$ 0.95	\$ 63,890	67,253	\$ 2.34	\$ 157,372	\$ 221,262
August	64,215	\$ 3.61	\$ 231,817	67,687	\$ 0.95	\$ 64,303	67,687	\$ 2.34	\$ 158,388	\$ 222,690
September	73,812	\$ 3.61	\$ 266,463	73,311	\$ 0.95	\$ 69,645	73,311	\$ 2.34	\$ 171,548	\$ 241,193
October	51,547	\$ 3.61	\$ 186,085	50,843	\$ 0.95	\$ 48,301	50,843	\$ 2.34	\$ 118,973	\$ 167,273
November	53,056	\$ 3.61	\$ 191,532	53,647	\$ 0.95	\$ 50,965	53,647	\$ 2.34	\$ 125,534	\$ 176,499
December	56,134	\$ 3.61	\$ 202,644	58,394	\$ 0.95	\$ 55,474	58,394	\$ 2.34	\$ 136,642	\$ 192,116
Total	695,009	\$ 3.61	\$ 2,508,982	702,376	\$ 0.95	\$ 667,257	702,376	\$ 2.34	\$ 1,643,560	\$ 2,310,817

Low Voltage Switchgear Credit (if applicable)	\$ -
Total including deduction for Low Voltage Switchgear Credit	<u>\$ 2,310,817</u>

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	0.0076	161,147,846	0	1,224,724	48.6%	1,218,181	0.0076
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	54,810,392	0	367,230	14.6%	365,268	0.0067
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2908		397,736	911,134	36.1%	906,267	2.2786
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	1,004,362	0	6,729	0.3%	6,693	0.0067
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1448		2,012	4,315	0.2%	4,292	2.1333
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1402		3,890	8,325	0.3%	8,281	2.1288

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	0.0069	161,147,846	0	1,111,920	47.2%	1,091,650	0.0068
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	54,810,392	0	317,900	13.5%	312,105	0.0057
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2804		397,736	906,997	38.5%	890,463	2.2388
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	1,004,362	0	5,825	0.2%	5,719	0.0057
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8803		2,012	3,783	0.2%	3,714	1.8460
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8761		3,890	7,298	0.3%	7,165	1.8419

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	0.0076	161,147,846	0	1,218,181	48.6%	1,218,181	0.0076
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	54,810,392	0	365,268	14.6%	365,268	0.0067
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2786		397,736	906,267	36.1%	906,267	2.2786
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	1,004,362	0	6,693	0.3%	6,693	0.0067
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1333		2,012	4,292	0.2%	4,292	2.1333
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1288		3,890	8,281	0.3%	8,281	2.1288

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	0.0068	161,147,846	0	1,091,650	47.2%	1,091,650	0.0068
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	54,810,392	0	312,105	13.5%	312,105	0.0057
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2388		397,736	890,463	38.5%	890,463	2.2388
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	1,004,362	0	5,719	0.2%	5,719	0.0057
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8460		2,012	3,714	0.2%	3,714	1.8460
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8419		3,890	7,165	0.3%	7,165	1.8419

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 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.20%	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	1.05%	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	1		

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	24.94		0.0037		1.05%	27.65	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	31.23		0.0092		1.05%	31.56	0.0093
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	284.37		3.0664		1.05%	287.36	3.0986
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	10.42		0.0069		1.05%	10.53	0.0070
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.84		8.5934		1.05%	3.88	8.6836
STREET LIGHTING SERVICE CLASSIFICATION	0.61		2.5454		1.05%	0.62	2.5721
microFIT SERVICE CLASSIFICATION	11					11	

Rate Design Transition	Current MFC	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	24.9400	6,292,362	91.2%	8.8%	2.42	100.0%	27.36	6,902,928
Current Residential Variable Rate (inclusive of R/C adj.)	0.0037	610,693	8.8%			0.0%	0.0000	0
		<u>6,903,055</u>						<u>6,902,928</u>

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

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

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

Time-of-Use RPP Prices

As of	May 1, 2018	
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	\$/kWh	0.0000
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Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
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Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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	\$	27.65
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0021)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068

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, 2019

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

EB-2018-0075

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	\$	31.56
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0093
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0020)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

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

Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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 wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	287.36
Distribution Volumetric Rate	\$/kW	3.0986
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.1213
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5893)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.1512)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2786
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2388

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, 2019

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

EB-2018-0075

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)	\$	10.53
Distribution Volumetric Rate	\$/kWh	0.0070
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0021)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

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

Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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)	\$	3.88
Distribution Volumetric Rate	\$/kW	8.6836
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.2411)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.7405)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1333
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8460

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, 2019

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

EB-2018-0075

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)	\$	0.62
Distribution Volumetric Rate	\$/kW	2.5721
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0029)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	(0.2350)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.7624)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1288
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8419

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, 2019

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

EB-2018-0075

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	11.00
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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)

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

Welland Hydro-Electric System Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0075

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, 2019

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

EB-2018-0075

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 - E

BILL IMPACT SHEETS

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	\$ 24.94	1	\$ 24.94	\$ 27.65	1	\$ 27.65	\$ 2.71	10.87%
Distribution Volumetric Rate	\$ 0.0037	750	\$ 2.78	\$ -	750	\$ -	\$ (2.78)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0002	750	\$ 0.15	\$ 0.15	-
Sub-Total A (excluding pass through)			\$ 27.72			\$ 27.80	\$ 0.08	0.31%
Line Losses on Cost of Power	\$ 0.0820	36	\$ 2.93	\$ 0.0820	36	\$ 2.93	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0012	750	\$ (0.90)	-\$ 0.0021	750	\$ (1.58)	\$ (0.68)	75.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.31			\$ 29.72	\$ (0.59)	-1.95%
RTSR - Network	\$ 0.0076	786	\$ 5.97	\$ 0.0076	786	\$ 5.97	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0069	786	\$ 5.42	\$ 0.0068	786	\$ 5.34	\$ (0.08)	-1.45%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.70			\$ 41.04	\$ (0.67)	-1.60%
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%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 106.51			\$ 105.84	\$ (0.67)	-0.63%
HST	13%		\$ 13.85	13%		\$ 13.76	\$ (0.09)	-0.63%
8% Rebate	8%		\$ (8.52)	8%		\$ (8.47)	\$ 0.05	-
Total Bill on TOU			\$ 111.84			\$ 111.13	\$ (0.70)	-0.63%

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	\$ 31.23	1	\$ 31.23	\$ 31.56	1	\$ 31.56	\$ 0.33	1.06%
Distribution Volumetric Rate	\$ 0.0092	2000	\$ 18.40	\$ 0.0093	2000	\$ 18.60	\$ 0.20	1.09%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0002	2000	\$ 0.40	\$ 0.40	-
Sub-Total A (excluding pass through)			\$ 49.63			\$ 50.56	\$ 0.93	1.87%
Line Losses on Cost of Power	\$ 0.0820	95	\$ 7.81	\$ 0.0820	95	\$ 7.81	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0012	2,000	\$ (2.40)	-\$ 0.0020	2,000	\$ (4.00)	\$ (1.60)	66.67%
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)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 55.61			\$ 54.94	\$ (0.67)	-1.20%
RTSR - Network	\$ 0.0067	2,095	\$ 14.04	\$ 0.0067	2,095	\$ 14.04	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	2,095	\$ 12.15	\$ 0.0057	2,095	\$ 11.94	\$ (0.21)	-1.72%
Sub-Total C - Delivery (including Sub-Total B)			\$ 81.80			\$ 80.92	\$ (0.88)	-1.08%
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%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 254.20			\$ 253.32	\$ (0.88)	-0.35%
HST	13%		\$ 33.05	13%		\$ 32.93	\$ (0.11)	-0.35%
8% Rebate	8%		\$ (20.34)	8%		\$ (20.27)	\$ 0.07	-
Total Bill on TOU			\$ 266.91			\$ 265.98	\$ (0.92)	-0.35%

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	\$ 284.37	1	\$ 284.37	\$ 287.36	1	\$ 287.36	\$ 2.99	1.05%
Distribution Volumetric Rate	\$ 3.0664	60	\$ 183.98	\$ 3.0986	60	\$ 185.92	\$ 1.93	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	60	\$ -	\$ 0.1213	60	\$ 7.28	\$ 7.28	
Sub-Total A (excluding pass through)			\$ 468.35			\$ 480.55	\$ 12.20	2.60%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	-\$ 0.4211	60	\$ (25.27)	-\$ 0.1512	60	\$ (9.07)	\$ 16.19	-64.09%
CBR Class B Rate Riders	\$ -	60	\$ -	\$ -	60	\$ -	\$ -	
GA Rate Riders	-\$ 0.0062	32,400	\$ (200.88)	-\$ 0.0029	32,400	\$ (93.96)	\$ 106.92	-53.23%
Low Voltage Service Charge	\$ -	60	\$ -	\$ -	60	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	60	\$ -	\$ -	60	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 242.21			\$ 377.52	\$ 135.31	55.87%
RTSR - Network	\$ 2.2908	60	\$ 137.45	\$ 2.2786	60	\$ 136.72	\$ (0.73)	-0.53%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2804	60	\$ 136.82	\$ 2.2388	60	\$ 134.33	\$ (2.50)	-1.82%
Sub-Total C - Delivery (including Sub-Total B)			\$ 516.48			\$ 648.57	\$ 132.09	25.57%
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%
Average IESO Wholesale Market Price	\$ 0.1101	33,942	\$ 3,737.04	\$ 0.1101	33,942	\$ 3,737.04	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 4,386.15			\$ 4,518.23	\$ 132.09	3.01%
HST	13%		\$ 570.20	13%		\$ 587.37	\$ 17.17	3.01%
Total Bill on Average IESO Wholesale Market Price			\$ 4,956.34			\$ 5,105.60	\$ 149.26	3.01%

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	\$ 10.42	1	\$ 10.42	\$ 10.53	1	\$ 10.53	\$ 0.11	1.06%
Distribution Volumetric Rate	\$ 0.0069	150	\$ 1.04	\$ 0.0070	150	\$ 1.05	\$ 0.02	1.45%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	150	\$ -	\$ 0.0003	150	\$ (0.05)	\$ (0.05)	-
Sub-Total A (excluding pass through)			\$ 11.46			\$ 11.54	\$ 0.08	0.70%
Line Losses on Cost of Power	\$ 0.0820	7	\$ 0.59	\$ 0.0820	7	\$ 0.59	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0012	150	\$ (0.18)	-\$ 0.0021	150	\$ (0.32)	\$ (0.14)	75.00%
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 11.86			\$ 11.81	\$ (0.05)	-0.46%
RTSR - Network	\$ 0.0067	157	\$ 1.05	\$ 0.0067	157	\$ 1.05	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	157	\$ 0.91	\$ 0.0057	157	\$ 0.90	\$ (0.02)	-1.72%
Sub-Total C - Delivery (including Sub-Total B)			\$ 13.82			\$ 13.75	\$ (0.07)	-0.51%
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%
TOU - Off Peak	\$ 0.0650	98	\$ 6.34	\$ 0.0650	98	\$ 6.34	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	26	\$ 2.40	\$ 0.0940	26	\$ 2.40	\$ -	0.00%
TOU - On Peak	\$ 0.1320	27	\$ 3.56	\$ 0.1320	27	\$ 3.56	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 26.99			\$ 26.92	\$ (0.07)	-0.26%
HST		13%	\$ 3.51		13%	\$ 3.50	\$ (0.01)	-0.26%
Total Bill on TOU			\$ 30.49			\$ 30.41	\$ (0.08)	-0.26%

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	\$ 3.84	1	\$ 3.84	\$ 3.88	1	\$ 3.88	\$ 0.04	1.04%
Distribution Volumetric Rate	\$ 8.5934	0.3	\$ 2.58	\$ 8.6836	0.3	\$ 2.61	\$ 0.03	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	0.3	\$ -	\$ 0.2411	0.3	\$ (0.07)	\$ (0.07)	-
Sub-Total A (excluding pass through)			\$ 6.42			\$ 6.41	\$ (0.01)	-0.08%
Line Losses on Cost of Power	\$ 0.0820	6	\$ 0.47	\$ 0.0820	6	\$ 0.47	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.4389	0	\$ (0.13)	-\$ 0.7405	0	\$ (0.22)	\$ (0.09)	68.72%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	120	\$ -	\$ -	120	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 6.75			\$ 6.66	\$ (0.10)	-1.42%
RTSR - Network	\$ 2.1448	0	\$ 0.64	\$ 2.1333	0	\$ 0.64	\$ (0.00)	-0.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8803	0	\$ 0.56	\$ 1.8460	0	\$ 0.55	\$ (0.01)	-1.82%
Sub-Total C - Delivery (including Sub-Total B)			\$ 7.96			\$ 7.85	\$ (0.11)	-1.38%
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%
TOU - Off Peak	\$ 0.0650	78	\$ 5.07	\$ 0.0650	78	\$ 5.07	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	20	\$ 1.92	\$ 0.0940	20	\$ 1.92	\$ -	0.00%
TOU - On Peak	\$ 0.1320	22	\$ 2.85	\$ 0.1320	22	\$ 2.85	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 18.54			\$ 18.43	\$ (0.11)	-0.59%
HST	13%		\$ 2.41	13%		\$ 2.40	\$ (0.01)	-0.59%
Total Bill on TOU			\$ 20.95			\$ 20.83	\$ (0.12)	-0.59%

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	\$ 0.61	1	\$ 0.61	\$ 0.62	1	\$ 0.62	\$ 0.01	1.64%
Distribution Volumetric Rate	\$ 2.5454	0.044	\$ 0.11	\$ 2.5721	0.044	\$ 0.11	\$ 0.00	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	0.044	\$ -	\$ -0.2350	0.044	\$ (0.01)	\$ (0.01)	-
Sub-Total A (excluding pass through)			\$ 0.72			\$ 0.72	\$ 0.00	0.12%
Line Losses on Cost of Power	\$ 0.1101	1	\$ 0.08	\$ 0.1101	1	\$ 0.08	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.4249	0	\$ (0.02)	-\$ 0.7624	0	\$ (0.03)	\$ (0.01)	79.43%
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	-\$ 0.0062	16	\$ (0.10)	-\$ 0.0029	16	\$ (0.05)	\$ 0.05	-53.23%
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 0.69			\$ 0.73	\$ 0.04	5.64%
RTSR - Network	\$ 2.1402	0	\$ 0.09	\$ 2.1288	0	\$ 0.09	\$ (0.00)	-0.53%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8761	0	\$ 0.08	\$ 1.8419	0	\$ 0.08	\$ (0.00)	-1.82%
Sub-Total C - Delivery (including Sub-Total B)			\$ 0.86			\$ 0.90	\$ 0.04	4.25%
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%
Average IESO Wholesale Market Price	\$ 0.1101	16	\$ 1.76	\$ 0.1101	16	\$ 1.76	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 2.94			\$ 2.98	\$ 0.04	1.25%
HST	13%		\$ 0.38	13%		\$ 0.39	\$ 0.00	1.25%
Total Bill on Average IESO Wholesale Market Price			\$ 3.32			\$ 3.37	\$ 0.04	1.25%

Customer Class: **RESIDENTIAL SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption 271 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	\$ 24.94	1	\$ 24.94	\$ 27.65	1	\$ 27.65	\$ 2.71	10.87%
Distribution Volumetric Rate	\$ 0.0037	271	\$ 1.00	\$ -	271	\$ -	\$ (1.00)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	271	\$ -	\$ 0.0002	271	\$ 0.05	\$ 0.05	
Sub-Total A (excluding pass through)			\$ 25.94			\$ 27.70	\$ 1.76	6.79%
Line Losses on Cost of Power	\$ 0.0820	13	\$ 1.06	\$ 0.0820	13	\$ 1.06	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0012	271	\$ (0.33)	-\$ 0.0021	271	\$ (0.57)	\$ (0.24)	75.00%
CBR Class B Rate Riders	\$ -	271	\$ -	\$ -	271	\$ -	\$ -	
GA Rate Riders	\$ -	271	\$ -	\$ -	271	\$ -	\$ -	
Low Voltage Service Charge	\$ -	271	\$ -	\$ -	271	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		271	\$ -	\$ -	271	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 27.25			\$ 28.76	\$ 1.52	5.57%
RTSR - Network	\$ 0.0076	284	\$ 2.16	\$ 0.0076	284	\$ 2.16	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0069	284	\$ 1.96	\$ 0.0068	284	\$ 1.93	\$ (0.03)	-1.45%
Sub-Total C - Delivery (including Sub-Total B)			\$ 31.36			\$ 32.85	\$ 1.49	4.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	284	\$ 1.02	\$ 0.0036	284	\$ 1.02	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	284	\$ 0.09	\$ 0.0003	284	\$ 0.09	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	176	\$ 11.45	\$ 0.0650	176	\$ 11.45	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	46	\$ 4.33	\$ 0.0940	46	\$ 4.33	\$ -	0.00%
TOU - On Peak	\$ 0.1320	49	\$ 6.44	\$ 0.1320	49	\$ 6.44	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 54.94			\$ 56.43	\$ 1.49	2.71%
HST	13%		\$ 7.14	13%		\$ 7.34	\$ 0.19	2.71%
8% Rebate	8%		\$ (4.40)	8%		\$ (4.51)	\$ (0.12)	
Total Bill on TOU			\$ 57.69			\$ 59.25	\$ 1.56	2.71%

APPENDIX - F

GLOBAL ADJUSTMENT (GA) ANALYSIS WORKFORM

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
 Drop down cells

Utility Name WELLAND HYDRO-ELECTRIC SYSTEM CORP.

Note 1 **Year(s) Requested for Disposition** 2014
 2015
 2016
 2017

Note 7 **Summary of GA (if multiple years requested for disposition)**

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K51)	Net Change in Principal Balance in the GL (cell C62)	Reconciling Items (sum of cells C63 to C75)	Adjusted Net Change in Principal Balance in the GL (cell C76)	Unresolved Difference	\$ Consumption at Actual Rate Paid (cell J51)	Unresolved Difference as % of Expected GA Payments to IESO
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2017	\$ 88,584	-\$ 371,670	\$ 332,406	-\$ 39,264	-\$ 127,848	\$ 13,634,393	-0.9%
Cumulative Balance	\$ 88,584	-\$ 371,670	\$ 332,406	-\$ 39,264	-\$ 127,848	\$ 13,634,393	N/A

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

Year		2017		
Total Metered excluding WMP	C = A+B	350,703,022	kWh	100%
RPP	A	206,509,127	kWh	58.9%
Non RPP	B = D+E	144,193,895	kWh	41.1%
Non-RPP Class A	D	14,542,159	kWh	4.1%
Non-RPP Class B*	E	129,651,736	kWh	37.0%

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

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

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

Note 4 **Analysis of Expected GA Amount**

Year	2017								
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	10,914,255	11,541,169	12,568,201	11,941,287	0.06687	\$ 798,514	0.08227	\$ 982,410	\$ 183,896
February	11,867,103	12,568,201	11,536,716	10,835,618	0.10559	\$ 1,144,133	0.08639	\$ 936,089	-\$ 208,044
March	11,630,751	11,536,716	11,697,696	11,791,731	0.08409	\$ 991,567	0.07135	\$ 841,340	-\$ 150,227
April	11,509,564	11,697,696	11,010,123	10,821,992	0.06874	\$ 743,904	0.10778	\$ 1,166,394	\$ 422,491
May	10,755,863	11,010,123	11,000,118	10,745,857	0.10623	\$ 1,141,532	0.12307	\$ 1,322,493	\$ 180,960
June	10,936,107	11,000,118	11,557,358	11,493,348	0.11954	\$ 1,373,915	0.11848	\$ 1,361,732	-\$ 12,183
July	11,625,243	11,557,358	11,821,497	11,889,382	0.10652	\$ 1,266,457	0.11280	\$ 1,341,122	\$ 74,665
August	11,411,703	11,821,497	12,355,001	11,945,207	0.11500	\$ 1,373,699	0.10109	\$ 1,207,541	-\$ 166,158
September	11,690,984	12,355,001	11,921,384	11,257,368	0.12739	\$ 1,434,076	0.08864	\$ 997,853	-\$ 436,223
October	11,649,984	11,921,384	11,653,309	11,381,908	0.10212	\$ 1,162,320	0.12563	\$ 1,429,909	\$ 267,589
November	11,594,011	11,653,309	10,819,824	10,760,526	0.11164	\$ 1,201,305	0.09704	\$ 1,044,201	-\$ 157,104
December	10,812,877	10,819,824	10,904,179	10,897,233	0.08391	\$ 914,387	0.09207	\$ 1,003,308	\$ 88,921
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	136,398,445	139,482,394	138,845,404	135,761,455		\$ 13,545,808		\$ 13,634,393	\$ 88,584

Calculated Loss Factor

1.0471

Note 5 **Reconciling Items**

	Item	Amount	Explanation
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	-\$ 371,670	
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year		
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year		
2a	Remove prior year end unbilled to actual revenue differences		
2b	Add current year end unbilled to actual revenue differences		
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers		
3b	Add difference between current year accrual/forecast to actual from long term load transfers	\$ 64,475	2016 load transfer revenue recorded in 2017
4	Remove GA balances pertaining to Class A customers		
5	Significant prior period billing adjustments recorded in current year		
6	Differences in GA IESO posted rate and rate charged on IESO invoice		
7	Differences in actual system losses and billed TLFs	\$ 267,931	Difference between the loss factor used to bill and the actual loss factor
8	Others as justified by distributor		
9			
10			

Note 6	Adjusted Net Change in Principal Balance in the GL	-\$	39,264
	Net Change in Expected GA Balance in the Year Per Analysis	\$	88,584
	Unresolved Difference	-\$	127,848
	Unresolved Difference as % of Expected GA Payments to IESO		-0.9%

APPENDIX - H

LOST REVENUE ADJUSTMENT MECHANISM VARIANCE (LRAMVA) WORKFORM

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

LDC Name Welland Hydro-Electric Systems Corp.

Application Details

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

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2016-0110
Application of Previous LRAMVA Claim	2017 COS Application
Period of LRAMVA Claimed in Previous Application	2013 to 2014
Amount of LRAMVA Claimed in Previous Application	\$ 14,202.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2018-0075	
Application of Current LRAMVA Claim	2019 IRM Application	
Period of New LRAMVA in this Application	2015 & 2016	
Actual Lost Revenues (\$)	A	\$ 187,018
Forecast Lost Revenues (\$)	B	\$ 102,007
Carrying Charges (\$)	C	\$ 4,018
LRAMVA (\$) for Account 1568	A-B+C	\$ 89,029

C. Documentation of Changes

Original Amount
Amount for Final Disposition

Table 1-a. LRAMVA Totals by Rate Class

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

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$30,469	\$1,388	\$31,856
General Service < 50 kW	kWh	\$10,109	\$483	\$10,591
General Service 50 to 4,999 kW	kW	\$47,830	\$2,306	\$50,136
Large Use	kW	-\$1,803	-\$81	-\$1,884
Unmetered Scattered Load	kWh	-\$259	-\$13	-\$271
Sentinel Lighting	kW	-\$463	-\$22	-\$485
Street Lighting	kW	-\$872	-\$42	-\$914
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$85,010	\$4,018	\$89,029

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

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

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

Depending on the period of LRAMVA to be claimed, LDCs are expected to adjust the totals for carrying charges in row 82 of Table 1-b and the years included in the LRAMVA balance in row 83, as appropriate.

Description	LRAMVA Previously Claimed	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
		kWh	kWh	kW	kW	kWh	kW	kW	
2011 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
2012 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
2013 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
2014 Actuals	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									
2015 Actuals	<input type="checkbox"/>	\$39,737.64	\$11,430.05	\$34,991.03	\$0.00	\$0.00	\$0.00	\$0.00	\$86,158.72
2015 Forecast		(\$32,480.54)	(\$7,007.53)	(\$12,056.00)	(\$291.39)	(\$128.51)	(\$229.39)	(\$432.24)	(\$52,625.60)
Amount Cleared									
2016 Actuals		\$50,915.72	\$12,777.10	\$37,166.08	\$0.00	\$0.00	\$0.00	\$0.00	\$100,858.89
2016 Forecast		(\$27,703.99)	(\$7,090.96)	(\$12,271.53)	(\$1,511.71)	(\$130.18)	(\$233.48)	(\$439.95)	(\$49,381.80)
Amount Cleared									
Carrying Charges		\$1,387.50	\$482.65	\$2,305.94	(\$80.58)	(\$12.52)	(\$22.40)	(\$42.21)	\$4,018.39
Total LRAMVA Balance		\$31,856	\$10,591	\$50,136	-\$1,884	-\$271	-\$485	-\$914	\$89,029

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

Legend

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

Table 2-a. LRAMVA Threshold

2013

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

	Total	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
		kWh	kWh	kW	kW	kWh	kW	kW
kWh	3,239,195	2,388,275	834,230			16,690		
kW	8,453			5,825	2,536		39	53
Summary		2388275	834230	5825	2536	16690	39	53

Basis of Threshold

Source of Threshold

EB-2012-0173 Settlement Agreement - Table #7

Table 2-b. LRAMVA Threshold

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

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

Basis of Threshold

Source of Threshold

20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
		kWh	kWh	kW	kW	kWh	kW	kW
2011		0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0
2015	2013	2,388,275	834,230	5,825	2,536	16,690	39	53
2016	2013	2,388,275	834,230	5,825	2,536	16,690	39	53

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

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

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row

	Billing Unit	EB-2012-XXXX	EB-2013-0177	EB-2014-0120	EB-2015-0109
Rate Year		2013	2014	2015	2016
Period 1 (# months)				4	4
Period 2 (# months)		12	12	8	8
Residential	kWh		\$ 0.0135	\$ 0.0137	\$ 0.0105
Adjusted rate		\$ -	\$ 0.0135	\$ 0.0137	\$ 0.0105
Calendar year equivalent		\$ -	\$ 0.0135	\$ 0.0136	\$ 0.0116
General Service < 50 kW	kWh		\$ 0.0083	\$ 0.0084	\$ 0.0086
Adjusted rate		\$ -	\$ 0.0083	\$ 0.0084	\$ 0.0086
Calendar year equivalent		\$ -	\$ 0.0083	\$ 0.0084	\$ 0.0085
General Service 50 to 4,999 kW	kW		\$ 2.3798	\$ 2.4143	\$ 2.4614
Rate rider for tax sharing					
Rate rider for foregone revenue					
Other - TA adjustment			-\$ 0.3299	-\$ 0.3346	-\$ 0.3412
Adjusted rate		\$ -	\$ 2.0499	\$ 2.0797	\$ 2.1202
Calendar year equivalent	\$ -	\$ 2.0499	\$ 2.0697	\$ 2.1067	
Large Use	kW		\$ 0.8071	\$ 0.8188	\$ 0.8348
Rate rider for tax sharing					
Rate rider for foregone revenue					
Other - TA adjustment			-\$ 0.7000	-\$ 0.7000	
Adjusted rate		\$ -	\$ 0.1071	\$ 0.1188	\$ 0.8348
Calendar year equivalent	\$ -	\$ 0.1071	\$ 0.1149	\$ 0.5961	
Unmetered Scattered Load	kWh		\$ 0.0076	\$ 0.0077	\$ 0.0079
Adjusted rate		\$ -	\$ 0.0076	\$ 0.0077	\$ 0.0079
Calendar year equivalent		\$ -	\$ 0.0076	\$ 0.0077	\$ 0.0078
Sentinel Lighting	kW		\$ 5.8254	\$ 5.9099	\$ 6.0251
Adjusted rate		\$ -	\$ 5.8254	\$ 5.9099	\$ 6.0251
Calendar year equivalent		\$ -	\$ 5.8254	\$ 5.8817	\$ 5.9867
Street Lighting	kW		\$ 8.0774	\$ 8.1945	\$ 8.3543
Adjusted rate		\$ -	\$ 8.0774	\$ 8.1945	\$ 8.3543
Calendar year equivalent		\$ -	\$ 8.0774	\$ 8.1555	\$ 8.3010

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. As such, please clear the rates related to the year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	0	0
	kWh	kWh	kW	kW	kWh	kW	kW	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0135	\$0.0083	\$2.0499	\$0.1071	\$0.0076	\$5.8254	\$8.0774	\$0.0000	\$0.0000
2015	\$0.0136	\$0.0084	\$2.0697	\$0.1149	\$0.0077	\$5.8817	\$8.1555	\$0.0000	\$0.0000
2016	\$0.0116	\$0.0085	\$2.1067	\$0.5961	\$0.0078	\$5.9867	\$8.3010	\$0.0000	\$0.0000

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

2011 - 2014 Programs

Residential GS <50 GS>50

Consumer Program

- Appliance Retirement
- Appliance Exchange
- HVAC Incentives
- Conservation Instant Coupon Booklet
- Bi-Annual Retailer Event

100%		
100%		
100%		
100%		
100%		

Business Program

- Retrofit
- Direct Install Lighting
- Energy Audit - 2012 Program
- New Construction

	10%	90%
	100%	
		100%
		100%

Industrial Program

- Retrofit
- Energy Manager

		100%
		100%

Home Assistance Program

- Home Assistance Program

100%		
------	--	--

Pre-2011 Programs completed in 2011

- Electricity Retrofit Incentive Program - 2011 Program
- High Performance New Construction

	10%	90%
		100%

2015-2020 Programs

Residential Program

- Coupon Initiative
- Bi-Annual Retailer Event Initiative
- Appliance Retirement Initiative
- HVAC Incentives Initiative

100%		
100%		
100%		
100%		

Commerical & Institutional Program

- Energy Audit Initiative
- Efficiency: Equipment Replacement Incentive Initiative
- Direct Install Lighting and Water Heating Initiative
- Process and Systems Upgrades

		100%
	10%	90%
	100%	
		100%

Low Income Program

- Low Income Initiative

100%		
------	--	--

Residential Province-Wide Programs

- Save on Energy Coupon Program
- Save on Energy Heating and Cooling Program
- Save on Energy Home Assistance Program

100%		
100%		
100%		

Table 4-a. 2011 Lost Revenues
Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)					Monthly Multiplier	Net Peak Demand Savings Persistence (kW)					Rate Allocations for LRAMVA								
		2012	2013	2014	2015	2016		2012	2013	2014	2015	2016	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total	
Consumer Program																					
1	Appliance Retirement	Verified				67,567	0					9	0	kWh	kWh	kW	kW	kWh	kW	kW	100%
	Adjustment to 2011 savings	True-up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3	HVAC Incentives	Verified				234,498	234,498					131	131	100.00%							100%
	Adjustment to 2011 savings	True-up				-35,519	-35,519					-20	-20	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4	Conservation Instant Coupon Booklet	Verified				68,443	61,969					4	4	100.00%							100%
	Adjustment to 2011 savings	True-up				1,069	977					0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
5	Bi-Annual Retailer Event	Verified				104,179	93,461					6	6	100.00%							100%
	Adjustment to 2011 savings	True-up				8,469	7,696					0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Business Program																					
10	Retrofit	Verified				207,423	207,423	12				32	32		10.00%	90.00%					100%
	Adjustment to 2011 savings	True-up						12						0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%	100%
11	Direct Install Lighting	Verified				166,523	166,523	12				67	67		100.00%						100%
	Adjustment to 2011 savings	True-up				25,594	24,581	12				9	9	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Industrial Program																					
21	Retrofit	Verified				42,733	42,733	12				6	6			100.00%					100%
	Adjustment to 2011 savings	True-up						12						0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%
Home Assistance Program																					
23	Home Assistance Program	Verified				30,147	30,147					2	2	100.00%							100%
	Adjustment to 2011 savings	True-up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Pre-2011 Programs completed in 2011																					
26	Electricity Retrofit Incentive Program	Verified				927,188	927,188	12				161	161		10.00%	90.00%					100%
	Adjustment to 2011 savings	True-up				217,476	217,476	12				83	83	0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%	100%
27	High Performance New Construction	Verified				1,176	1,176	12				0	0			100.00%					100%
	Adjustment to 2011 savings	True-up						12						0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%

Table 4-b. 2012 Lost Revenues
Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)					Monthly Multiplier	Net Peak Demand Savings Persistence (kW)					Rate Allocations for LRAMVA							
		2013	2014	2015	2016	2017		2013	2014	2015	2016	2017	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Consumer Program																				
Appliance Retirement	Verified			65,828	37,355				9	5				100.00%						100%
Adjustment to 2012 savings	True-up													100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Appliance Exchange	Verified			4,077	0				2	0				100.00%						100%
Adjustment to 2012 savings	True-up													100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HVAC Incentives	Verified			137,943	137,943				81	81				100.00%						100%
Adjustment to 2012 savings	True-up			4,375	4,375				2	2				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation Instant Coupon Booklet	Verified			5,423	5,342				1	1				100.00%						100%
Adjustment to 2012 savings	True-up													100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bi-Annual Retailer Event	Verified			103,883	93,384				6	5				100.00%						100%
Adjustment to 2012 savings	True-up													100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Program																				
Retrofit	Verified			254,122	254,122		12		60	60				10%	90%					100%
Adjustment to 2012 savings	True-up			94,381	94,381		12		23	23				0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%
Direct Install Lighting	Verified			73,286	73,286		12		19	19				100%						100%
Adjustment to 2012 savings	True-up						12							0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Energy Audit	Verified			201,410	0		12		41	0				0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2012 savings	True-up			32,863	0		12		7	0				0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%
Home Assistance Program																				
Home Assistance Program	Verified			101,022	100,618				10	10				100%						100%
Adjustment to 2012 savings	True-up			1,430	1,205				0	0				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pre-2011 Programs completed in 2011																				
High Performance New Construction	Verified			425	425		12		0	0				0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2012 savings	True-up						12							0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%

Table 4-c. 2013 Lost Revenues
Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)					Monthly Multiplier	Net Peak Demand Savings Persistence (kW)					Rate Allocations for LRAMVA										
		2014	2015	2016	2017	2018		2014	2015	2016	2017	2018	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total			
													kWh	kWh	kW	kW	kWh	kW	kW				
Consumer Program													100.00%									100%	
Appliance Retirement	Verified		32,210	32,210									100.00%										
Adjustment to 2013 savings	True-up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Appliance Exchange	Verified		9,605	9,605									100.00%										100%
Adjustment to 2013 savings	True-up		24	24									100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
HVAC Incentives	Verified		126,555	126,555									100.00%										100%
Adjustment to 2013 savings	True-up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Conservation Instant Coupon Booklet	Verified		28,745	24,353									100.00%										100%
Adjustment to 2013 savings	True-up		87	75									100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Bi-Annual Retailer Event	Verified		62,624	48,921									100.00%										100%
Adjustment to 2013 savings	True-up												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Business Program																							
Retrofit	Verified		2,530,385	2,520,403			12		326	323				10%	90%								100%
Adjustment to 2013 savings	True-up		188,606	187,330			12		54	54			0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Direct Install Lighting	Verified		231,369	205,934			12		68	61				100%									100%
Adjustment to 2013 savings	True-up						12						0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
New Construction	Verified		190,453	190,453			12		31	31					100.00%								100%
Adjustment to 2013 savings	True-up		18,900	18,900			12		3	3			0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Industrial Program																							
Energy Manager	Verified		892,648	892,648			12		184	184					100.00%								100%
Adjustment to 2013 savings	True-up		51,661	51,661			12		2	2			0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Home Assistance Program																							
Home Assistance Program	Verified		86,957	76,788					7	6				100%									100%
Adjustment to 2013 savings	True-up		15,405	14,424					2	2			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		

Actual CDM Savings in 2013													0	0	0	0	0	0	0
Forecast CDM Savings in 2013													0	0	0	0	0	0	0
Distribution Rate in 2013													\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2013 from 2011 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2013 from 2012 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2013 from 2013 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2013													\$0.00						
Forecast Lost Revenues in 2013													\$0.00						
LRAMVA in 2013																			\$0.00
2013 Savings Persisting in 2014													0	0	0	0	0	0	0
2013 Savings Persisting in 2015													362,212	503,268	6,737	0	0	0	0
2013 Savings Persisting in 2016													332,955	476,707	6,700	0	0	0	0
2013 Savings Persisting in 2017													0	0	0	0	0	0	0
2013 Savings Persisting in 2018													0	0	0	0	0	0	0
2013 Savings Persisting in 2019													0	0	0	0	0	0	0
2013 Savings Persisting in 2020													0	0	0	0	0	0	0

Table 4-d. 2014 Lost Revenues
Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)					Monthly Multiplier	Net Peak Demand Savings Persistence (kW)					Rate Allocations for LRAMVA																			
		2015	2016	2017	2018	2019		2015	2016	2017	2018	2019	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total												
Consumer Program																																
Appliance Retirement Adjustment to 2014 savings	Verified True-up	31,425	31,425					5	5						kWh	kWh	kW	kW	kWh	kW	kW	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Appliance Exchange Adjustment to 2014 savings	Verified True-up	8,497	8,497					5	5						100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
HVAC Incentives Adjustment to 2014 savings	Verified True-up	170,295	170,295					93	93						100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	101,700	98,068					8	7						100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	413,556	380,634					27	25						100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Business Program																																
Retrofit Adjustment to 2014 savings	Verified True-up	899,785	899,785				12	280	280						10%	10.00%	90%	90.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Direct Install Lighting Adjustment to 2014 savings	Verified True-up	68,238	66,907				12	19	19						100%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
New Construction Adjustment to 2014 savings	Verified True-up	100,282	100,282				12	34	34						100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Energy Audit Adjustment to 2014 savings	Verified True-up	261,094	261,094				12	53	53						100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
Process & System Upgrades Adjustment to 2014 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Monitoring & Targeting Adjustment to 2014 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Manager Adjustment to 2014 savings	Verified True-up	137,316	137,316				12	5	5						100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Home Assistance Program Adjustment to 2014 savings	Verified True-up	11,556	10,377					1	1						100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	

Table 4-d. 2014 Lost Revenues
Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)					Monthly Multiplier	Net Peak Demand Savings Persistence (kW)					Rate Allocations for LRAMVA										
		2015	2016	2017	2018	2019		2015	2016	2017	2018	2019	Residential	General Service < 50 kW	General Service 50 to 4,999 LUM	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total			
Actual CDM Savings in 2014													0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014													0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2014													\$0.01350	\$0.00830	\$2.04990	\$0.10710	\$0.00760	\$5.82540	\$8.07740				
Lost Revenue in 2014 from 2011 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2014 from 2012 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2014 from 2013 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2014 from 2014 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2014													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2014													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2014																							\$0.00
2014 Savings Persisting in 2015													737,028	158,216	4,140	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2016													699,297	156,886	4,140	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2017													0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2018													0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2019													0	0	0	0	0	0	0	0	0	0	0
2014 Savings Persisting in 2020													0	0	0	0	0	0	0	0	0	0	0

Table 5-a. 2015 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings	Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings	Rate Allocations for LRAMVA							
		2015	2016		2015	2016	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
							kWh	kWh	kW	kW	kWh	kW	kW	
Legacy Framework														
Residential Program														
Coupon Initiative	Verified	94,874	94,000		6	6	100.00%							100%
Adjustment to 2015 savings	True-up						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Bi-Annual Retailer Event Initiative	Verified	141,378	136,689		11	10	100.00%							100%
Adjustment to 2015 savings	True-up						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Retirement Initiative	Verified	10,402	10,402		2	2	100.00%							100%
Adjustment to 2015 savings	True-up						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
HVAC Incentives Initiative	Verified	167,174	167,174		88	88	100.00%							100%
Adjustment to 2015 savings	True-up	1,332	1,332		1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Commercial & Institutional Program														
Energy Audit Initiative	Verified	71,357	71,357	12	15	15			100.00%					100%
Adjustment to 2015 savings	True-up	80,960	80,960	12	17	17	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	
Efficiency: Equipment Replacement Incentive Initiative	Verified	735,136	735,136	12	98	98		10.00%	90.00%					100%
Adjustment to 2015 savings	True-up	30,386	30,386	12	5	5	0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install Lighting and Water Heating Initiative	Verified	187,221	182,910	12	45	44		100.00%						100%
Adjustment to 2015 savings	True-up			12			0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	34,939	34,939	12					100.00%					100%
Adjustment to 2015 savings	True-up			12			0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program														
Low Income Initiative	Verified	75,200	62,878	12	8	8	100.00%							100%
Adjustment to 2015 savings	True-up			12			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation First Framework														
Residential Province-Wide Programs														
Save on Energy Coupon Program	Verified	315,434	312,872		20	20	100.00%							100%
Adjustment to 2015 savings	True-up	34,966	34,457		2	2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Heating and Cooling Program	Verified	66,797	66,797		34	34	100.00%							100%
Adjustment to 2015 savings	True-up	10,557	10,557		5	5	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Home Assistance Program	Verified						100.00%							100%
Adjustment to 2015 savings	True-up	1,696	1,565				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Table 5-a. 2015 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings	Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings	Rate Allocations for LRAMVA							
		2015	2016		2015	2016	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Actual CDM Savings in 2015		2,059,809	2,034,411		357		919,810	263,773	1,496	0	0	0	0	
Forecast CDM Savings in 2015							2,388,275	834,230	5,825	2,536	16,690	39	53	
Distribution Rate in 2015							\$0.01360	\$0.00840	\$2.06970	\$0.11490	\$0.00770	\$5.88170	\$8.15550	
Lost Revenue in 2015 from 2011 programs							\$6,512.41	\$2,749.54	\$6,338.47	\$0.00	\$0.00	\$0.00	\$0.00	\$15,600.41
Lost Revenue in 2015 from 2012 programs							\$5,766.15	\$908.35	\$3,044.08	\$0.00	\$0.00	\$0.00	\$0.00	\$9,718.58
Lost Revenue in 2015 from 2013 programs							\$4,926.09	\$4,227.45	\$13,943.68	\$0.00	\$0.00	\$0.00	\$0.00	\$23,097.21
Lost Revenue in 2015 from 2014 programs							\$10,023.58	\$1,329.02	\$8,567.71	\$0.00	\$0.00	\$0.00	\$0.00	\$19,920.31
Lost Revenue in 2015 from 2015 programs							\$12,509.42	\$2,215.69	\$3,097.10	\$0.00	\$0.00	\$0.00	\$0.00	\$17,822.21
Total Lost Revenues in 2015							\$39,737.64	\$11,430.05	\$34,991.03	\$0.00	\$0.00	\$0.00	\$0.00	\$86,158.72
Forecast Lost Revenues in 2015							\$32,480.54	\$7,007.53	\$12,056.00	\$291.39	\$128.51	\$229.39	\$432.24	\$52,625.60
LRAMVA in 2015														\$33,533.12
2015 Savings Persisting in 2016							898,723	259,462	1,496	0	0	0	0	
2015 Savings Persisting in 2017							0	0	0	0	0	0	0	
2015 Savings Persisting in 2018							0	0	0	0	0	0	0	
2015 Savings Persisting in 2019							0	0	0	0	0	0	0	
2015 Savings Persisting in 2020							0	0	0	0	0	0	0	

Table 5-b. 2016 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)		Monthly Multiplier	Net Demand Savings (kW)		Rate Allocations for LRAMVA								
		2016	2017		2016	2017	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total	
Commercial & Institutional Program															
6	Energy Audit Initiative	Verified			12										0%
	Adjustment to 2016 savings	True-up			12			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	1,756,834		12	125			10.00%	90.00%					100%
	Adjustment to 2016 savings	True-up			12			0.00%	10.00%	90.00%	0.00%	0.00%	0.00%	0.00%	
Conservation First Framework															
Residential Province-Wide Programs															
21	Save on Energy Coupon Program	Verified	1,318,985			86		100.00%							100%
	Adjustment to 2016 savings	True-up						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	360,657			107		100.00%							100%
	Adjustment to 2016 savings	True-up						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified	5,217			1		100.00%							100%
	Adjustment to 2016 savings	True-up						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2016			3,441,693			319		1,684,859	175,683	1,350	0	0	0	0	
Forecast CDM Savings in 2016								2,388,275	834,230	5,825	2,536	16,690	39	53	
Distribution Rate in 2016								\$0.01160	\$0.00850	\$2.10670	\$0.59610	\$0.00780	\$5.98670	\$8.30100	
Lost Revenue in 2016 from 2011 programs								\$4,561.44	\$2,773.66	\$6,451.78	\$0.00	\$0.00	\$0.00	\$0.00	\$13,786.88
Lost Revenue in 2016 from 2012 programs								\$4,410.59	\$919.16	\$1,881.33	\$0.00	\$0.00	\$0.00	\$0.00	\$7,211.08
Lost Revenue in 2016 from 2013 programs								\$3,862.28	\$4,052.01	\$14,115.59	\$0.00	\$0.00	\$0.00	\$0.00	\$22,029.88
Lost Revenue in 2016 from 2014 programs								\$8,111.85	\$1,333.53	\$8,720.87	\$0.00	\$0.00	\$0.00	\$0.00	\$18,166.25
Lost Revenue in 2016 from 2015 programs								\$10,425.19	\$2,205.43	\$3,152.47	\$0.00	\$0.00	\$0.00	\$0.00	\$15,783.08
Lost Revenue in 2016 from 2016 programs								\$19,544.36	\$1,493.31	\$2,844.05	\$0.00	\$0.00	\$0.00	\$0.00	\$23,881.72
Total Lost Revenues in 2016								\$50,915.72	\$12,777.10	\$37,166.08	\$0.00	\$0.00	\$0.00	\$0.00	\$100,858.89
Forecast Lost Revenues in 2016								\$27,703.99	\$7,090.96	\$12,271.53	\$1,511.71	\$130.18	\$233.48	\$439.95	\$49,381.80
LRAMVA in 2016															\$51,477.09
2016 Savings Persisting in 2017								0	0	0	0	0	0	0	0
2016 Savings Persisting in 2018								0	0	0	0	0	0	0	0
2016 Savings Persisting in 2019								0	0	0	0	0	0	0	0
2016 Savings Persisting in 2020								0	0	0	0	0	0	0	0

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.17%
2019 Q2	2.17%
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Opening Balance for 2016				\$37.15	\$22.64	\$117.40	-\$1.49	-\$0.66	-\$1.17	-\$2.21	\$171.65
Jan-16	2011-2016	Q1	0.09%	\$6.65	\$4.05	\$21.02	-\$0.27	-\$0.12	-\$0.21	-\$0.40	\$30.74
Feb-16	2011-2016	Q1	0.09%	\$8.43	\$4.49	\$22.93	-\$0.38	-\$0.13	-\$0.23	-\$0.43	\$34.67
Mar-16	2011-2016	Q1	0.09%	\$10.20	\$4.92	\$24.83	-\$0.50	-\$0.14	-\$0.25	-\$0.46	\$38.60
Apr-16	2011-2016	Q2	0.09%	\$11.97	\$5.36	\$26.73	-\$0.61	-\$0.15	-\$0.26	-\$0.50	\$42.54
May-16	2011-2016	Q2	0.09%	\$13.74	\$5.79	\$28.63	-\$0.73	-\$0.16	-\$0.28	-\$0.53	\$46.47
Jun-16	2011-2016	Q2	0.09%	\$15.52	\$6.23	\$30.53	-\$0.84	-\$0.17	-\$0.30	-\$0.56	\$50.40
Jul-16	2011-2016	Q3	0.09%	\$17.29	\$6.66	\$32.43	-\$0.96	-\$0.18	-\$0.32	-\$0.60	\$54.33
Aug-16	2011-2016	Q3	0.09%	\$19.06	\$7.09	\$34.34	-\$1.08	-\$0.19	-\$0.34	-\$0.63	\$58.26
Sep-16	2011-2016	Q3	0.09%	\$20.84	\$7.53	\$36.24	-\$1.19	-\$0.20	-\$0.35	-\$0.67	\$62.20
Oct-16	2011-2016	Q4	0.09%	\$22.61	\$7.96	\$38.14	-\$1.31	-\$0.21	-\$0.37	-\$0.70	\$66.13
Nov-16	2011-2016	Q4	0.09%	\$24.38	\$8.40	\$40.04	-\$1.42	-\$0.22	-\$0.39	-\$0.73	\$70.06
Dec-16	2011-2016	Q4	0.09%	\$26.16	\$8.83	\$41.94	-\$1.54	-\$0.23	-\$0.41	-\$0.77	\$73.99
Total for 2016				\$234.00	\$99.95	\$495.19	-\$12.32	-\$2.73	-\$4.87	-\$9.19	\$800.04
Amount Cleared											
Opening Balance for 2017				\$234.00	\$99.95	\$495.19	-\$12.32	-\$2.73	-\$4.87	-\$9.19	\$800.04
Jan-17	2011-2017	Q1	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Feb-17	2011-2017	Q1	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Mar-17	2011-2017	Q1	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Apr-17	2011-2017	Q2	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
May-17	2011-2017	Q2	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Jun-17	2011-2017	Q2	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Jul-17	2011-2017	Q3	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Aug-17	2011-2017	Q3	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Sep-17	2011-2017	Q3	0.09%	\$27.93	\$9.27	\$43.84	-\$1.65	-\$0.24	-\$0.42	-\$0.80	\$77.93
Oct-17	2011-2017	Q4	0.13%	\$38.09	\$12.64	\$59.79	-\$2.25	-\$0.32	-\$0.58	-\$1.09	\$106.26
Nov-17	2011-2017	Q4	0.13%	\$38.09	\$12.64	\$59.79	-\$2.25	-\$0.32	-\$0.58	-\$1.09	\$106.26
Dec-17	2011-2017	Q4	0.13%	\$38.09	\$12.64	\$59.79	-\$2.25	-\$0.32	-\$0.58	-\$1.09	\$106.26
Total for 2017				\$599.63	\$221.26	\$1,069.15	-\$33.96	-\$5.83	-\$10.43	-\$19.65	\$1,820.16
Amount Cleared											
Opening Balance for 2018				\$599.63	\$221.26	\$1,069.15	-\$33.96	-\$5.83	-\$10.43	-\$19.65	\$1,820.16
Jan-18	2011-2018	Q1	0.13%	\$38.09	\$12.64	\$59.79	-\$2.25	-\$0.32	-\$0.58	-\$1.09	\$106.26
Feb-18	2011-2018	Q1	0.13%	\$38.09	\$12.64	\$59.79	-\$2.25	-\$0.32	-\$0.58	-\$1.09	\$106.26
Mar-18	2011-2018	Q1	0.13%	\$38.09	\$12.64	\$59.79	-\$2.25	-\$0.32	-\$0.58	-\$1.09	\$106.26
Apr-18	2011-2018	Q2	0.16%	\$47.99	\$15.92	\$75.33	-\$2.84	-\$0.41	-\$0.73	-\$1.37	\$133.89
May-18	2011-2018	Q2	0.16%	\$47.99	\$15.92	\$75.33	-\$2.84	-\$0.41	-\$0.73	-\$1.37	\$133.89
Jun-18	2011-2018	Q2	0.16%	\$47.99	\$15.92	\$75.33	-\$2.84	-\$0.41	-\$0.73	-\$1.37	\$133.89
Jul-18	2011-2018	Q3	0.16%	\$47.99	\$15.92	\$75.33	-\$2.84	-\$0.41	-\$0.73	-\$1.37	\$133.89
Aug-18	2011-2018	Q3	0.16%	\$47.99	\$15.92	\$75.33	-\$2.84	-\$0.41	-\$0.73	-\$1.37	\$133.89
Sep-18	2011-2018	Q3	0.16%	\$47.99	\$15.92	\$75.33	-\$2.84	-\$0.41	-\$0.73	-\$1.37	\$133.89
Oct-18	2011-2018	Q4	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
Nov-18	2011-2018	Q4	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
Dec-18	2011-2018	Q4	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
Total for 2018				\$1,167.11	\$409.53	\$1,959.97	-\$67.54	-\$10.65	-\$19.05	-\$35.90	\$3,403.48
Amount Cleared											

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

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	General Service < 50 kW	General Service 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Opening Balance for 2019				\$1,167.11	\$409.53	\$1,959.97	-\$67.54	-\$10.65	-\$19.05	-\$35.90	\$3,403.48
Jan-19	2011-2019	Q1	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
Feb-19	2011-2019	Q1	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
Mar-19	2011-2019	Q1	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
Apr-19	2011-2019	Q2	0.18%	\$55.10	\$18.28	\$86.49	-\$3.26	-\$0.47	-\$0.84	-\$1.58	\$153.73
May-19	2011-2019	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-19	2011-2019	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2019				\$1,387.50	\$482.65	\$2,305.94	-\$80.58	-\$12.52	-\$22.40	-\$42.21	\$4,018.39

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

Step: #1				#3	#2	#4		KW		KWH	
Portfolio	Program	Initiative	LDC Sector	Conservation	(Implementation) Year	Identify Source of Report	Identify Status of Savings	2015	2016	2015	2016
Tier 1	Consumer	Appliance Exchange	V Residential	EE	2011	2011 Results Persistence	Current year savings	0	0	0	0
Tier 1	Consumer	Appliance Retirement	V Residential	EE	2011	2011 Results Persistence	Current year savings	9	0	67,567	0
Tier 1	Consumer	Bi-Annual Retailer Event	V Residential	EE	2011	2011 Results Persistence	Current year savings	6	6	104,179	93,461
Tier 1	Consumer	Conservation Instant Coupon Booklet	V Residential	EE	2011	2011 Results Persistence	Current year savings	4	4	68,443	61,969
Tier 1	Consumer	HVAC Incentives	V Residential	EE	2011	2011 Results Persistence	Current year savings	131	131	234,498	234,498
Tier 1	Consumer	Retailer Co-op	V Residential	EE	2011	2011 Results Persistence	Current year savings	0	0	0	0
Tier 1	Business	Direct Install Lighting	V Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	67	67	166,523	166,523
Tier 1	Business	Retrofit	V Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	32	32	207,423	207,423
Tier 1	Industrial	Retrofit	V Industrial	EE	2011	2011 Results Persistence	Current year savings	6	6	42,733	42,733
Tier 1	Home Assistance	Home Assistance Program	V Residential	EE	2011	2011 Results Persistence	Current year savings	2	2	30,147	30,147
Tier 1	Pre-2011 Programs Completed in 2011	Electricity Retrofit Incentive Program	V Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	161	161	927,188	927,188
Tier 1	Pre-2011 Programs Completed in 2011	High Performance New Construction	V Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings	0	0	1,176	1,176
Tier 1 - 2011	Business	Direct Install Lighting	V C&I	EE	2011	2012 Results Persistence	Adjustment	9	9	25,594	24,581
Tier 1 - 2011	Pre-2011 Programs Completed in 2011	High Performance New Construction	V C&I	EE	2011	2012 Results Persistence	Adjustment	0	0	0	0
Tier 1 - 2011	Pre-2011 Programs Completed in 2011	ERIP	V C&I	EE	2011	2012 Results Persistence	Adjustment	83	83	217,476	217,476
Tier 1 - 2011	Consumer	HVAC Incentives	V Residential	EE	2011	2012 Results Persistence	Adjustment	-20	-20	-35,519	-35,519
Tier 1 - 2011	Consumer	Bi-Annual Retailer Event	V Residential	EE	2011	2012 Results Persistence	Adjustment	0	0	8,469	7,696
Tier 1 - 2011	Consumer	Conservation Instant Coupon Booklet	V Residential	EE	2011	2012 Results Persistence	Adjustment	0	0	1,069	977

Portfolio	Program	Initiative	LDC	Sector	Conservation	(Implementation) Year	Identify Source of Report	Identify Status of Savings	KW		KWH	
									2015	2016	2015	2016
Tier 1	Business	Direct Install Lighting	V	C&I	EE	2012	2012 Results Persistence	Current year savings	19	19	73,286	73,286
Tier 1	Business	Retrofit	V	C&I	EE	2012	2012 Results Persistence	Current year savings	60	60	254,122	254,122
Tier 1	Business	Energy Audit	V	C&I	EE	2012	2012 Results Persistence	Current year savings	41	0	201,410	0
Tier 1	Consumer	Appliance Exchange	V	Residential	EE	2012	2012 Results Persistence	Current year savings	2	0	4,077	0
Tier 1	Consumer	Appliance Retirement	V	Residential	EE	2012	2012 Results Persistence	Current year savings	9	5	65,828	37,355
Tier 1	Consumer	Bi-Annual Retailer Event	V	Residential	EE	2012	2012 Results Persistence	Current year savings	6	5	103,883	93,384
Tier 1	Consumer	Conservation Instant Coupon Booklet	V	Residential	EE	2012	2012 Results Persistence	Current year savings	1	1	5,423	5,342
Tier 1	Consumer	HVAC Incentives	V	Residential	EE	2012	2012 Results Persistence	Current year savings	81	81	137,943	137,943
Tier 1	Home Assistance	Home Assistance Program	V	Residential	EE	2012	2012 Results Persistence	Current year savings	10	10	101,022	100,618
Tier 1	Pre-2011 Programs Completed in 2011	High Performance New Construction	V	C&I	EE	2012	2012 Results Persistence	Current year savings	0	0	425	425
LDC	Business	Energy Audit Funding	V	Commercial & Instit	EE	2012	2013 Results Persistence	Adjustment	5	0	25,176	0
LDC	Business	Retrofit	V	Commercial & Instit	EE	2012	2013 Results Persistence	Adjustment	23	23	94,381	94,381
LDC	Consumer	HVAC	V	Residential	EE	2012	2013 Results Persistence	Adjustment	0	0	32	32
LDC	Business	Energy Audit	V	Commercial	EE	2012	2014 Results Persistence	Adjustment	0	0	854	0
LDC	Business	Energy Audit	V	Commercial	EE	2012	2014 Results Persistence	Adjustment	1	0	6,832	0
LDC	Business	Retrofit	V	Commercial	EE	2012	2014 Results Persistence	Adjustment	0	0	0	0
LDC	Home Assistance	Home Assistance Program	V	Residential	EE	2012	2014 Results Persistence	Adjustment	0	0	1,430	1,205
LDC	Consumer	HVAC Incentives	V	Residential	EE	2012	2014 Results Persistence	Adjustment	0	0	672	672
Tier 1	Industrial	Energy Managers	V	Industrial	EE	2012	2014 Results Persistence	Adjustment	0	0	0	0
LDC	Consumer	HVAC	V	Residential	EE	2012	2013 Results Persistence	Adjustment	2	2	3,672	3,672

Portfolio	Program	Initiative	Sector	Conservation	(Implementation) Year	Identify Source of Report	Identify Status of Savings
LDC	Business	New Construction	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
LDC	Business	Retrofit	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
LDC	Business	Small Business Lighting	Commercial & Institutional	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Annual Coupons	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Exchange	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Exchange	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Bi-Annual Retailer Events	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Home Assistance Program	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	HVAC	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Industrial	Energy Manager	Industrial	EE	2013	2013 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Residential	EE	2013	2013 Results Persistence	Current year savings
LDC	Business	High Performance New Construction	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Business	Retrofit	Commercial	EE	2013	2014 Results Persistence	Adjustment
LDC	Consumer	Conservation Instant Coupon Booklet	Residential	EE	2013	2014 Results Persistence	Adjustment
LDC	Home Assistance	Home Assistance Program	Residential	EE	2013	2014 Results Persistence	Adjustment
LDC	Consumer	HVAC Incentives	Residential	DR	2013	2014 Results Persistence	Adjustment
Tier 1	Industrial	Energy Managers	Industrial	EE	2013	2014 Results Persistence	Adjustment

KW		KWH	
2015	2016	2015	2016
31	31	190,453	190,453
326	323	2,530,385	2,520,403
68	61	231,369	205,934
2	2	28,745	24,353
5	5	8,867	8,867
0	0	739	739
5	5	32,210	32,210
4	3	62,624	48,921
7	6	86,957	76,788
75	75	126,555	126,555
184	184	892,648	892,648
0	0	24	24
3	3	18,900	18,900
54	54	188,606	187,330
0	0	87	75
2	2	15,405	14,424
2	2	3,376	3,376
2	2	51,661	51,661

Portfolio	Program	Initiative	Sector	Conservation	(Implementation) Year	Identify Source of Report	Identify Status of Savings
LDC	Business	Direct Install Lighting	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Business	Energy Audit	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Business	High Performance New Construction	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Business	Retrofit	Commercial	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Exchange	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Appliance Retirement	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Bi-Annual Retailer Event	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	Conservation Instant Coupon Booklet	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Home Assistance	Home Assistance Program	Residential	EE	2014	2014 Results Persistence	Current year savings
LDC	Consumer	HVAC Incentives	Residential	EE	2014	2014 Results Persistence	Current year savings
Tier 1	Industrial	Energy Managers	Industrial	EE	2014	2014 Results Persistence	Current year savings
LDC	Other	Time-of-Use Savings	Other	DR	2014	2014 Results Persistence	Current year savings

KW		KWH	
2015	2016	2015	2016
19	19	68,238	66,907
53	53	261,094	261,094
34	34	100,282	100,282
280	280	899,785	899,785
5	5	8,497	8,497
0	0	104	104
1	1	947	947
2	2	13,622	13,622
2	2	16,752	16,752
27	25	413,556	380,634
8	7	101,700	98,068
1	1	11,556	10,377
93	93	170,295	170,295
5	5	137,316	137,316
0	0	0	0

Portfolio	Program	Initiative	Sector	Conservation	(Implementation) Year	Identify Source of Report	Identify Status of Savings	KW		KWH	
								2015	2016	2015	2016
		Coupon Initiative	Residential		2015	2015 Results Persistence	Current year savings	6	6	94,874	94,000
		Bi-Annual Retailer Event Initiative	Residential		2015	2015 Results Persistence	Current year savings	11	10	141,378	136,689
		Appliance Retirement Initiative	Residential		2015	2015 Results Persistence	Current year savings	2	2	10,402	10,402
		HVAC Incentives Initiative	Residential		2015	2015 Results Persistence	Current year savings	88	88	167,174	167,174
		Energy Audit Initiative	Commercial & Institutional		2015	2015 Results Persistence	Current year savings	15	15	71,357	71,357
		Efficiency: Equipment Replacement Incentive Initiative	Commercial & Institutional		2015	2015 Results Persistence	Current year savings	98	98	735,136	735,136
		Direct Install Lighting and Water Heating Initiative	Commercial & Institutional		2015	2015 Results Persistence	Current year savings	45	44	187,221	182,910
		Process and Systems Upgrades Initiatives - Energy Manager Initiative	Industrial		2015	2015 Results Persistence	Current year savings			34,939	34,939
		Low Income Initiative	Residential		2015	2015 Results Persistence	Current year savings	8	8	75,200	62,878
		Save on Energy Coupon Program	Residential		2015	2015 Results Persistence	Current year savings	20	20	315,434	312,872
		Save on Energy Heating & Cooling Program	Residential		2015	2015 Results Persistence	Current year savings	34	34	66,797	66,797
		Save on Energy Coupon Program	Residential		2015	2016 Results Persistence	Adjustment	2	2	34,966	34,457
		Save on Energy Heating & Cooling Program	Residential		2015	2016 Results Persistence	Adjustment	5	5	10,557	10,557
		Save on Energy Home Assistance Program	Residential		2015	2016 Results Persistence	Adjustment			1,696	1,565
		Save on Energy Retrofit	Commercial & Institutional		2015	2016 Results Persistence	Adjustment	5	5	30,386	30,386
		HVAC Incentives Initiative	Residential		2015	2016 Results Persistence	Adjustment	1	1	1,332	1,332
		Energy Audit Initiative	Commercial & Institutional		2015	2016 Results Persistence	Adjustment	17	17	80,960	80,960

Portfolio	Program	Initiative	LD C	Sector	Conservation	(Implementation) Year	Identify Source of Report	Identify Status of Savings
		Save on Energy Coupon Program	V	Residential		2016	2016 Results Persistence	Current year savings
		Save on Energy Heating & Cooling Program	V	Residential		2016	2016 Results Persistence	Current year savings
		Save on Energy Home Assistance Program	V	Residential		2016	2016 Results Persistence	Current year savings
		Save on Energy Retrofit	V	Commercial & Institutional		2016	2016 Results Persistence	Current year savings
						2016	2016 Results Persistence	Current year savings

KW		KWH	
2015	2016	2015	2016
	86	0	1,318,985
	107	0	360,657
	1	0	5,217
	125	0	1,756,834

APPENDIX - H
ACCOUNT 1595 WORKFORM

Account 1595 Analysis Workform

Input cells

Drop down cells

Utility Name

WELLAND HYDRO-ELECTRIC SYSTEM CORP.

1595 Rate Years Requested for Disposition

- 2012
- 2013
- 2014
- 2015
- 2016

1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections>Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$676,370	-\$53,233	-\$729,603	-\$692,871	-\$36,732	-\$3,229	-\$39,961	5.0%
Account 1589 - Global Adjustment	\$152,732	\$1,450	\$154,182	\$152,448	\$1,734	\$774	\$2,508	1.1%
Total Group 1 and Group 2 Balances	-\$523,638	-\$51,783	-\$575,421	-\$540,423	-\$34,998	-\$2,455	-\$37,453	6.1%

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

Additional Notes and Comments