



2020 IRM

Manager's Summary

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3.1.1 Introduction

Niagara-on-the-Lake Hydro Inc. ("NOTL Hydro") is pleased to present its Incentive Rate-Setting Mechanism (IRM) application for rates effective May 1, 2020. NOTL Hydro is included in tranche 2 as per the OEB Cover Letter for Addendums to Chapters 1,2,3 and 5 issued July 15, 2019. The filing deadline for this application is October 15, 2019. This application consists of the following 5 documents.

- Manager's Summary
- 2020 IRM Checklist
- 2020 IRM Rate Generator
- 2020 Revenue to Cost Ratio Adjustment Model
- GA Analysis Workform and Appendix A

All documents have been submitted to the Ontario Energy Board ("OEB") via their website.

There are no materials that are being filed on a confidential basis in this application.

Table 1 below contains the proposed rates effective May 1, 2020 in comparison to NOTL Hydro's approved rates for 2019 and 2018.

Table 1: Proposed Rates

Distribution Charges (Fixed Service Charge + Volumetric Rate)						
Rate Class	Rate Type	OEB Approved 5/01/2018	OEB Approved 5/01/2019	Proposed 5/01/2020	Variance (2020 vs. 2019)	Variance % (2020 vs. 2019)
Residential	Fixed Rate	\$26.86	\$28.74	\$29.17	\$0.43	1.5%
	Variable Rate (\$/kWh)	\$0.0033	\$0.0000	\$0.0000	\$0.00	0.0%
GS<50kW	Fixed Rate	\$39.41	\$39.41	\$39.76	\$0.35	0.9%
	Variable Rate (\$/kWh)	\$0.0118	\$0.0117	\$0.0118	\$0.00	0.9%
GS>50kW	Fixed Rate	\$281.65	\$281.65	\$284.18	\$2.53	0.9%
	Variable Rate (\$/kW)	\$2.2226	\$2.3574	\$2.3786	\$0.02	0.9%
Large Use	Fixed Rate	n/a	\$3,692.18	\$3,725.41	\$33.23	0.9%
	Variable Rate (\$/kW)	n/a	\$2.3574	\$2.3786	\$0.02	0.9%
Unmetered	Fixed Rate	\$21.20	\$21.20	\$21.39	\$0.19	0.9%
	Variable Rate (\$/kWh)	\$0.0064	\$0.0054	\$0.0054	\$0.00	0.0%
Streetlights	Fixed Rate (per connection)	\$7.85	\$7.85	\$7.31	(\$0.54)	(6.9%)
	Variable Rate (\$/kW)	\$30.6934	\$1.8891	\$1.7595	(\$0.13)	(6.9%)

Certification of Evidence

Further to Page 2 of Chapter 1 of the Filing Requirements, I, Jeff Klassen, certify that the evidence filed is accurate, consistent, and complete to the best of my knowledge.

1 **3.1.2 Components of the Application Filing**

2 **3.1.2.1 Manager's Summary**

3 This application includes a Manager's summary thoroughly documenting and explaining all
4 requested rate adjustments.

5 **3.1.2.2 Contact Information**

6 Application contact information is as follows:

7 Applicants Name: Niagara-on-the-Lake Hydro Inc.

8 Applicants Address: PO Box 460

9 8 Henegan Road

10 Niagara-on-the-Lake, ON

11 L0S 1T0

12

13 Applicants Contacts: Jeff Klassen

14 Vice President, Finance

15 Email: jklassen@notlhydro.com

16 Phone: 905-468-4235 ext. 380

17 Fax: 905-468-3861

18 **3.1.2.3 Rate Generator Model**

19 This application consists of the following 5 documents. OEB models have been submitted in both
20 Excel and PDF formats

- 21 • Manager's Summary
- 22 • 2020 IRM Checklist
- 23 • 2020 IRM Rate Generator
- 24 • 2020 Revenue to Cost Ratio Adjustment Model
- 25 • GA Analysis Workform and Appendix A

26 **3.1.2.4 Tariff Sheet**

27 A PDF copy of the current NOTL Hydro Tariff sheet is attached as Appendix 1.

28 **3.1.2.5 Supporting Documentation**

1 Pre-populated RRR data in the rate generator model for NOTL Hydro have been verified and
2 are correct.

3 **3.1.2.6 Customers Affected by this Application**

4 All of NOTL Hydro's customers will be affected by this application.

5 **3.1.2.7 Internet Address**

6 A copy of this application and related documents is available on the NOTL Hydro website. The
7 Applicant's website address is www.notlhydro.com.

8 **3.1.2.8 Billing Determinants**

9 NOTL Hydro confirms that the billing determinants for pre-populated models are accurate and
10 consistent with its RRR filings. In its 2019 Cost of Service application (EB-2018-0056), NOTL
11 Hydro requested and received approval for a new Large Use Rate Class. This rate class did not
12 exist in 2018 so there was no pre-populated data. OEB staff advised NOTL Hydro to input the
13 2019 approved forecast amounts for the Large Use Rate Class (Table 2) and to adjust the IRM
14 model accordingly.

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Table 2: Board Approved Load Forecast Summary (EB 2019-0056)

Ontario Energy Board										
Revenue Requirement Workform (RRWF) for 2019 Filers										
Load Forecast Summary										
This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.										
The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in Appendix 2.1 should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in Appendix 2.1B and in Exhibit 3 of the application.										
Appendix 2.1B is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth and trends from historical actuals to the Bridge and Test Year forecasts.										
Stage in Process:		Per Board Decision								
Customer Class	Input the name of each customer class.	Initial Application			Settlement Agreement			Per Board Decision		
		Customer / Connections	kWh	kW/kVA ⁽¹⁾	Customer / Connections	kWh	kW/kVA ⁽¹⁾	Customer / Connections	kWh	kW/kVA ⁽¹⁾
		Test Year average or mid-year	Annual	Annual	Test Year average or mid-year	Annual	Annual	Test Year average or mid-year	Annual	Annual
1	Residential	8,152	73,998,981	-	8,152	73,998,698	-	8,152	73,998,698	-
2	GS<50	1,338	41,877,513	-	1,342	41,865,678	-	1,342	41,865,678	-
3	GS>50	131	82,705,771	212,896	131	82,468,049	212,284	131	82,468,049	212,284
4	Unmetered	26	251,508	-	26	251,508	-	26	251,508	-
5	Streetlights	2,187	886,616	2,475	2,187	886,616	2,475	2,187	886,616	2,475
6	Large User	1	23,308,825	60,000	1	23,308,825	60,000	1	23,308,825	60,000
7										

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4 The new Large Use customer was included in the General Service 50 to 4,999 kW (GS>50) rate
5 class in 2018. OEB staff further adjusted the model to remove the amounts attributable to that
6 customer from the actual kWh and kW from the GS>50 billing determinants

7

Table 3: Adjustment to GS>50 Billing Determinants

	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION				
Pre-populated data from RRR filing	96,791,821	243,711	90,264,972	225,465
Less: Data for Large Use customer included in GS>50 in 2018	11,056,798	35,002	10,030,949	32,732
Billing Determinant for 2020 IRM Model	85,735,023	208,709	80,234,023	192,733

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Table 4: 2020 IRM Rate Generator Billing Determinants (Tab 4)

Ontario Energy Board											
Incentive Rate-setting Mechanism Rate Generator for 2020 Filers											
Data on this worksheet has been populated using your most recent RRR filing. If you have identified any issues, please contact the OEB. Have you confirmed the accuracy of the data below? <input checked="" type="checkbox"/> Yes											
If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance. Please contact the OEB to make adjustments to the IRM rate generator for this situation.											
Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	76,998,170	0	1,614,201	0	0	0	76,998,170	0		7,981
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	42,619,952	0	5,355,270	0	0	0	42,619,952	0		1,353
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,735,023	208,709	80,234,023	192,733	0	0	85,735,023	208,709		
LARGE USE SERVICE CLASSIFICATION	kW	23,308,825	60,000	23,308,825	60,000	0	0	23,308,825	60,000		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	264,993	0	61,128	0	0	0	264,993	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	856,925	2,389	756,662	2,109	0	0	856,925	2,389		
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0		
Total		229,783,888	271,098	111,330,109	254,842	0	0	229,783,888	271,098	0	9,334

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12 **3.1.2.9 Format**

1 All documents submitted are in text-searchable Adobe PDF format.

2 **3.1.2.10 Checklist**

3 A completed copy of the 2020 IRM Checklist is attached as Appendix 2.

4 **3.1.3 Applications and Electronic Models**

5 This application consists of the following 5 documents. OEB models are submitted in both Excel
6 and PDF formats

- 7 • Manager's Summary
- 8 • 2020 IRM Checklist
- 9 • 2020 IRM Rate Generator
- 10 • 2020 Revenue to Cost Ratio Adjustment Model
- 11 • GA Analysis Workform and Appendix A

12 NOTL Hydro is not requesting an ICM, recovery of Lost Revenue Adjustment Mechanism
13 Variance Account and is not requesting the disposition of any residual 1595 sub-account
14 balances in this application.

15 **3.2.1 Annual Adjustment Mechanism**

16 NOTL Hydro has used the 2019 rate setting parameters as a place holder. NOTL Hydro
17 acknowledges that these factors may change when the OEB releases the 2020 inflation and
18 stretch factors. The 2019 inflation factor used in this application is 1.2%. NOTL Hydro was
19 included in Group 3 in the most recent PEG report 2018 Benchmarking Update issued on
20 August 15, 2019 with an associated stretch factor of 0.30%.

21 **3.2.1.1 Application of Annual Adjustment Mechanism**

22 The annual adjustment mechanism applies to fixed and variable distribution rates uniformly
23 across all customer rate classes. The annual adjustment mechanism is 0.9% (1.2% inflation
24 factor less 0.3% stretch factor). NOTL Hydro has not applied the annual adjustment factor to
25 any other component of delivery rates.

26 **3.2.2 Annual Adjustment Mechanism**

1 NOTL Hydro completed and filed the '2020 Revenue to Cost Ratio Adjustment Model' with this
 2 application. In its last Cost of Service application (EB-2019-0056) NOTL Hydro was approved
 3 to implement the change in the revenue to cost ratio for streetlights over 2 years to 130% in
 4 2019 and to 120% in 2020. The offsetting adjustment is an increase in the residential revenue
 5 to cost ratio from 91.06% in 2019 to 91.57% in 2020. The 2020 revenue to cost ratios will
 6 remain in place until NOTL Hydro's next Cost of Service application.

7 **Table 5: Board Approved Revenue-to-Cost Ratios (EB 2019-0056)**

(D) Proposed Revenue-to-Cost Ratios ⁽¹¹⁾

Name of Customer Class	Proposed Revenue-to-Cost Ratio			Policy Range
	Test Year 2019	2020	Price Cap IR Period 2021	
1 Residential	91.06%	91.57%	91.57%	85 - 115
2 GS<50	109.91%	109.91%	109.91%	80 - 120
3 GS>50	116.81%	116.81%	116.81%	80 - 120
4 Unmetered	114.68%	114.68%	114.68%	80 - 120
5 Streetlights	130.00%	120.00%	120.00%	80 - 120
6 Large User	100.00%	100.00%	100.00%	85 - 115
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(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2019 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2020 and 2021 Price Cap IR models, as necessary. For 2020 and 2021, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2018 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.

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10 3.2.3 Rate Design for Residential Electricity 11 Consumers

12 NOTL Hydro completed its transition to a fully fixed monthly distribution service charge for
13 residential customers in 2019.

14 For NOTL Hydro, the low-energy consumer at the 10th percentile has an average monthly kWh
15 usage of 325 kWh. The total bill for a consumer with a monthly usage of 325 kWh using the
16 current Board approved rates is \$64.97; whereas applying the 2020 IRM rates the bill total is
17 \$66.90. This represents an increase of \$0.94 or 1.44%. This is below the Board's 10% threshold
18 and consequently, there is no requirement for NOTL Hydro to put forward a rate mitigation plan.

1 NOTL Hydro used the following method to derive the consumption at the 10th percentile:

- 2 1. Extracted billed electricity usage for each Residential account where there was usage
3 between January 1st 2018 and December 31st 2018. (Billed consumption is metered
4 usage with losses applied). There were 8,018 residential accounts billed during that
5 period.
- 6 2. Prepared data to show the average monthly usage for each customer account;
- 7 3. Excluded accounts with less than 6 monthly bills as they would only have been residents
8 for part of the year. NOTL Hydro has had monthly billing for many years so there would
9 be no cases of accounts having less than 12 bills due to not being billed for certain
10 months. This removed 100 accounts;
- 11 4. Excluded accounts with less than 50 kWh in average monthly usage as these would be
12 accounts that were away for most of the year or unoccupied rental units. These should
13 therefore not be included in a determination of the lowest centiles in customer size. This
14 removed 43 accounts;
- 15 5. Excluded accounts with over 5,000 kWh in average monthly usage as these are likely
16 customers with business usage on their residential account. This removed 15 accounts;
- 17 6. Of the 7,860 records, selected the average monthly kWh at the 786th record (the 10th
18 percentile.) Record 786 showed an average monthly billed kWh of 337 kWh including
19 losses and usage excluding losses of 325 kWh.

20 **3.2.4 Electricity Distribution Retail Transmission** 21 **Service Rates**

22 NOTL Hydro's application to adjust RTSRs is based on the proposed rates calculated utilizing
23 the 2020 IRM Rate Generator Model ("IRM model") provided by the OEB.

24 **Historical Network and Connection Costs**

25 NOTL Hydro's historical costs (2018) consist of Independent Electricity System Operator
26 ("IESO") invoiced costs for network and line connection. NOTL Hydro owns its own transformer
27 stations and consequently has no IESO invoiced transformation costs. In addition, NOTL Hydro
28 does not have Hydro One invoiced transmission costs.

29 Table 6, from tab 12 of the IRM model, contains the historical network and line connection costs
30 for 2018.

Table 6: Historical Network and Connection Costs (2018)

IESO Month	Network			Line Connection		
	Units Billed	Rate	Amount	Units Billed	Rate	Amount
January	33,640	\$3.61	\$ 121,440	33,640	\$0.95	\$ 31,958
February	29,367	\$3.61	\$ 106,015	30,641	\$0.95	\$ 29,109
March	26,620	\$3.61	\$ 96,098	28,122	\$0.95	\$ 26,716
April	38,625	\$3.61	\$ 139,436	42,869	\$0.95	\$ 40,726
May	38,042	\$3.61	\$ 137,332	45,689	\$0.95	\$ 43,405
June	43,849	\$3.61	\$ 158,295	45,568	\$0.95	\$ 43,290
July	45,772	\$3.61	\$ 165,237	46,407	\$0.95	\$ 44,087
August	48,937	\$3.61	\$ 176,663	48,937	\$0.95	\$ 46,490
September	49,302	\$3.61	\$ 177,980	49,655	\$0.95	\$ 47,172
October	30,791	\$3.61	\$ 111,156	35,353	\$0.95	\$ 33,585
November	31,495	\$3.61	\$ 113,697	33,890	\$0.95	\$ 32,196
December	32,641	\$3.61	\$ 117,834	34,389	\$0.95	\$ 32,670
Total	449,081	\$ 3.61	\$ 1,621,182	475,160	\$ 0.95	\$ 451,402

Forecast Costs with new Uniform Transmission Rates ("UTRs")

Forecast network and connection rates from tab 14 of the IRM model are contained in Table 7.

These are calculated by applying the 2020 UTRs from tab 11 of the IRM model against the 2018 units billed.

Table 7: Forecast Network and Connection Costs

IESO Month	Network			Line Connection		
	Units Billed	Rate	Amount	Units Billed	Rate	Amount
January	33,640	\$ 3.8300	\$ 128,841	33,640	\$ 0.9600	\$ 32,294
February	29,367	\$ 3.8300	\$ 112,476	30,641	\$ 0.9600	\$ 29,415
March	26,620	\$ 3.8300	\$ 101,955	28,122	\$ 0.9600	\$ 26,997
April	38,625	\$ 3.8300	\$ 147,934	42,869	\$ 0.9600	\$ 41,154
May	38,042	\$ 3.8300	\$ 145,701	45,689	\$ 0.9600	\$ 43,861
June	43,849	\$ 3.8300	\$ 167,942	45,568	\$ 0.9600	\$ 43,745
July	45,772	\$ 3.8300	\$ 175,307	46,407	\$ 0.9600	\$ 44,551
August	48,937	\$ 3.8300	\$ 187,429	48,937	\$ 0.9600	\$ 46,980
September	49,302	\$ 3.8300	\$ 188,827	49,655	\$ 0.9600	\$ 47,669
October	30,791	\$ 3.8300	\$ 117,930	35,353	\$ 0.9600	\$ 33,939
November	31,495	\$ 3.8300	\$ 120,626	33,890	\$ 0.9600	\$ 32,534
December	32,641	\$ 3.8300	\$ 125,015	34,389	\$ 0.9600	\$ 33,013
Total	449,081	\$ 3.83	\$ 1,719,980	475,160	\$ 0.96	\$ 456,154

It is noted that in the OEB model available at the time of NOTL Hydro's application, the wholesale billing forecast rates (effective January 1, 2020) in tab 11 are shown as being the same as the current rates effective July 1, 2019.

1 **Billing Determinants for RTSRs**

2 The billing determinants for all rate classes, other than the Large Use and GS>50, used to
 3 calculate the required revenue are based on 2018 actual data as reported in RRR 2.1.5 in April
 4 2019. The Large Use rate class was approved for NOTL Hydro in its 2019 Cost of Service and
 5 therefore there was no historical data for this rate class in its RRR filings for 2018. As directed
 6 by Board Staff, the billing determinants for the Large Use rate class are the forecasted
 7 consumption included in NOTL Hydro's 2019 Cost of Service application (see Table 2).

8 Note that NOTL Hydro's GS>50kW rate class includes both interval and non-interval customers.
 9 RRR submission form 2.1.5 does not allow for the data specific to interval customers to be input
 10 separately. Therefore, the GS>50 kWh and kW data pre-populated in the model has been
 11 modified to distinguish between interval and non-interval customers. The determinants used for
 12 interval customers network demand and connection demand are different. This is because the
 13 demand applicable to network charges is "7-7" demand¹ and the regular demand definition is
 14 applicable to connection charges. In addition, GS>50kW data was adjusted to remove the
 15 portion from the forecast Large Use customer that was included in the GS>50 rate class in
 16 2018.

17

Table 8: GS>50 Adjustment for Large Use Customer

	Network		Connection	
	kWh	kW	kWh	kW
RRR Data	96,791,821	243,711	96,791,821	243,711
GS>50	42,707,837	120,955	42,707,837	115,940
GS>50 Interval	54,083,984	122,756	54,083,984	127,771
Total GS>50	96,791,821	243,711	96,791,821	243,711
Adjust: Large Use Customer				
GS>50	(1,025,849)	(2,270)	(1,025,849)	(2,270)
GS>50 Interval	(10,030,949)	(32,732)	(10,030,949)	(32,732)
Total Adjustment	(11,056,798)	(35,002)	(11,056,798)	(35,002)
Billing Determinants				
GS>50	41,681,988	118,685	41,681,988	113,670
GS>50 Interval	44,053,035	90,024	44,053,035	95,039
Total Billing Determinant	85,735,023	208,709	85,735,023	208,709

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19

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Table 9: RTSR Billing Determinants (IRM Generator tab 10)

¹ Demand based on peak kW from 07:00 to 19:00 hours on non-Holiday weekdays

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	0.0068	76,998,170	0	1.0373	79,870,202
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	76,998,170	0	1.0373	79,870,202
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	42,619,952	0	1.0373	44,209,676
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	42,619,952	0	1.0373	44,209,676
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5322	41,681,988	118,685		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5327	41,681,988	90,024		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367	44,053,035	113,670		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Meter	\$/kW	1.2812	44,053,035	95,039		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5322		0		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.5327		0		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367	23,308,825	60,000		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Meter	\$/kW	1.2812	23,308,825	60,000		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	264,993	0	1.0373	274,877
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	264,993	0	1.0373	274,877
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9093	856,925	2,389		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4118	856,925	2,389		

1
23 **Proposed RTSR Rates**

4 Table 10 contains the proposed rates to recover forecast network and connection costs based
5 on the billing determinants from Table 9 and is taken from tab 15 of the IRM model:

6

Table 10: Proposed RTSR Rates

Rate Class	Rate Description	Unit	Proposed RTSR-Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7233
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9432
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9432
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0534
Rate Class	Rate Description	Unit	Proposed RTSR-Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0016
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0016
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	0.5442
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	1.3088
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	1.3088
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0016
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	0.4207

7

8 NOTL Hydro understands that the OEB will adjust each applicant's model to reflect any UTR
9 changes on January 1, 2020 when they are determined. The IRM Model incorporating the
10 RTSR calculations is being submitted separately in Excel and PDF formats.

11 The bill impact for Network charges ranges from 7.35% for residential customers to 8.06% for
12 unmetered customers. Table 11 summarizes the bill impacts by rate class for the change in
13 forecast network charges.

14

Table 11: RTSR Network Service Rate Bill Impacts

Rate Class	Units	Consumption (includes losses)	Current Rate	Current Charge	Proposed Rate	Proposed Charge	\$ Impact	% Impact
Residential (RPP)	kWh	778	0.0068	5.29	0.0073	5.68	0.39	7.35%
GS<50 kW (RPP)	kWh	2,075	0.0062	12.86	0.0067	13.90	1.04	8.06%
GS >50 and < 4.9999 kW (Non-RPP - Other)	kW	135	2.5322	341.85	2.7233	367.65	25.80	7.55%
Large Use (Non-RPP - Other)	kW	5,000	2.7367	13,683.50	2.9437	14,718.50	1,035.00	7.56%
Unmetered (RPP)	kWh	830	0.0062	5.15	0.0067	5.56	0.41	8.06%
Street Lighting (RPP)	kW	29	1.9093	55.37	2.0534	59.55	4.18	7.55%
Residential (10th Percentile)	kWh	337	0.0068	2.29	0.0073	2.46	0.17	7.35%
Residential (Non-RPP - Retailer)	kWh	778	0.0068	5.29	0.0073	5.68	0.39	7.35%
GS <50 kW (Non-RPP - Retailer)	kWh	2,075	0.0062	12.86	0.0067	13.90	1.04	8.06%
GS >50 and < 4.9999 kW (Non-RPP - Retailer)	kW	135	2.5322	341.85	2.7233	367.65	25.80	7.55%
Street Lighting (Non-RPP - Other)	kW	29	1.9093	55.37	2.0534	59.55	4.18	7.55%
GS >50 and < 4.9999 kW (Non-RPP - Interval)	kW	135	2.7367	369.45	2.9432	397.33	27.88	7.55%

1
2

3 The increase in the Network Service Rate is impacted by the following factors.

- 4
- 5 • Units Billed: The units billed used to determine the amount for network charges in NOTL Hydro's 2019 Cost of Service of 367,901 was based on actual units billed by the IESO for 2017. The units billed of 449,081 used to determine the forecast rates in this application are based on actual units billed by the IESO for 2018. This represents an increase of 81,180 units billed or a 22% increase.
 - 6
 - 7
 - 8
 - 9 • Forecast Rates: The forecast rate used to determine network charges in NOTL's 2019 Cost of Service was \$3.61 compared to the forecast rate of \$3.83 in this application, an increase of \$0.23 or 6.09%
 - 10
 - 11

12 The combination of the increase in units billed and forecast network rate results in a \$391,858 or 29.5% increase in forecast network charges to NOTL Hydro in this application compared to NOTL Hydro's 2019 Cost of Service.

15 **Table 12: Increase in RTSR Network Expected Billing**

	Units Billed	Rate	Expected Billing	Notes
2020 IRM	449,081	\$3.83	\$1,719,980	Units billed based on 2018 actuals
2019 Cost of Service	367,901	\$3.61	\$1,328,123	Units billed based on 2017 actuals
Variance	81,180	\$0.22	\$391,858	
% Variance	22.07%	6.09%	29.50%	

16

17 The overall increase in amount billed is partially offset in rates by an increase in the billing determinants used to calculate the Network Service Rates.

18

19 **Table 13: Increase in Expected Billing and Billing Determinants for RTSR Network Charges (2020 IRM vs. 2019 Cost of Service)**

20

Rate Class	kWh	kW	Expected Billing
Residential	6,161,348		82,334
General Service Less Than 50 kW	1,932,829		31,308
General Service 50 to 4,999 kW		(4,278)	11,850
General Service 50 to 4,999 kW – Interval Metered		24,030	89,240
Large Use			176,593
Unmetered Scattered Load	14,614		211
Street Lighting		(11)	322
Total	8,108,791	19,741	391,858

3.2.5 Review and Disposition of Group 1 Deferral and Variance Account Balances.

On April 23, 2019, the OEB's Decision and Rate Order (EB-2019-0056) approved a one-year disposition for NOTL Hydro's December 31, 2017 Group 1 deferral and variance accounts and a two-year disposition for NOTL Hydro's December 31, 2017 Group 2 variance accounts and the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA).

Table 14 contains the principal and interest amounts approved for disposition in NOTL Hydro's 2019 cost of service application.

Table 14: Approved Dispositions

Account		Claimed for Disposition (Y/N)	Principal Claim	Interest Claim	Total Claim
1551	Smart Metering Entity Charge Variance Account	Y	(3,533)	(105)	(3,638)
1580	RSVA - Wholesale Market Service Charge	Y	(204,338)	(7,500)	(211,839)
1580	Variance WMS – Sub-account CBR Class A	N	-	-	-
1580	Variance WMS – Sub-account CBR Class B	Y	(1,800)	208	(1,592)
1584	RSVA - Retail Transmission Network Charge	Y	(49,183)	496	(48,687)
1586	RSVA - Retail Transmission Connection Charge	Y	(864)	147	(718)
1588	RSVA - Power (excluding Global Adjustment)	Y	131,084	6,836	137,920
1589	RSVA - Global Adjustment	Y	(198,392)	(3,693)	(202,085)
1595	Disposition and Recovery/Refund of Regulatory Balances (2015)	N	-	-	-
1595	Disposition and Recovery/Refund of Regulatory Balances (2016)	N	-	-	-
1595	Disposition and Recovery/Refund of Regulatory Balances (2017)	N	-	-	-
Total Group 1			(327,027)	(3,612)	(330,639)
1568	LRAM Variance Account	Y	195,530	7,179	202,708
1508	Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	Y	138,955	10,033	148,988
1508	Other Regulatory Assets - Sub-Account - Ontario Clean Energy Benefit Act	Y	247	(30)	217
1508	Other Regulatory Assets - Sub-Account - Energy East	Y	1,152	63	1,214
1508	Other Regulatory Assets - Sub-Account - OEB Cost Assessment	N	-	-	-
1508	Other Regulatory Assets - Sub-Account - Incremental Capital Expenditures	N	-	-	-
1508	Other Regulatory Assets - Sub-Account - Depreciation Expense	N	-	-	-
1508	Other Regulatory Assets - Sub-Account - Accumulated Depreciation	N	-	-	-
1508	Other Regulatory Assets - Sub-Account - Incremental Capital Expenditures Rate Rider Revenues	N	-	-	-
1518	Retail Cost Variance Account - Retail	Y	14,764	719	15,483
1548	Retail Cost Variance Account - STR	Y	62,683	4,187	66,870
1582	RSVA - One-time	Y	-	62	62
2425	Other Deferred Credits	N	-	-	-
1592	PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	Y	1,925	1,543	3,469
1592	PILs and Tax Variance for 2006 and Subsequent Years - Sub- Account HST/OVAT Input Tax Credits (ITCs)	Y	(5,668)	(443)	(6,111)
1532	Renewable Generation Connection OM&A Deferral Account	Y	-	64	64
1533	Renewable Generation Connection Funding Adder Deferral Account	Y	(4)	132	128
1555	Smart Meter Capital and Recovery Offset Variance - Sub- Account - Recoveries	Y	4	0	4
1555	Smart Meter Capital and Recovery Offset Variance - Sub- Account - Stranded Meter Costs	Y	(1,765)	-	(1,765)
Total Group 2			212,293	16,331	228,625
Total Claim			80,796	19,898	100,694

1

2 In 2019, the approved balances were transferred to a sub-account of 1595 in accordance with
3 the Decision and Order. The corresponding rate riders for the refund/recovery of the approved
4 balances are effective until April 30, 2020 for the Group 1 accounts and until April 30, 2021 for
5 the Group 2 accounts and the LRAMVA.

6 The disposed amounts for Group 1 accounts are entered in Columns BM and BN of tab 3 of the
7 IRM model.

1

Table 15: IRM Model Approved Dispositions (tab 3)

Please refer to the footnotes for further instructions.		BM	BN	BO	BP
		2019			
Account Descriptions	Account Number	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition
Group 1 Accounts					
LV Variance Account	1550	0	0	0	0
Smart Metering Entity Charge Variance Account	1551	(3,533)	(105)	(3,565)	(109)
RSVA - Wholesale Market Service Charge ⁵	1580	(204,338)	(7,500)	(26,650)	214
Variance WMS - Sub-account CBR Class A ⁵	1580	0	0	415	7
Variance WMS - Sub-account CBR Class B ⁵	1580	(1,800)	208	(6,540)	(69)
RSVA - Retail Transmission Network Charge	1584	(49,183)	496	80,771	1,288
RSVA - Retail Transmission Connection Charge	1586	(864)	147	16,183	587
RSVA - Power ⁴	1588	131,084	6,836	16,421	6,980
RSVA - Global Adjustment ⁴	1589	(198,392)	(3,693)	214,451	(2,233)
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0	0	0	(0)
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	0	(0)	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	0	(6,326)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	0	1,656	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	0	(105,858)	11,767
Disposition and Recovery/Refund of Regulatory Balances (2019) 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	(198,392)	(3,693)	214,451	(2,233)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(128,635)	81	(33,168)	14,338
Total Group 1 Balance		(327,027)	(3,612)	181,283	12,105
LRAM Variance Account (only input amounts if applying for disposition of this	1568			0	0
Total including Account 1568		(327,027)	(3,612)	181,283	12,105

2

3 **2020 IRM CLAIM – GROUP 1 ACCOUNTS**

4 This section sets out the 2020 IRM Claims for the Group 1 Accounts.

5 Please note that in the continuity schedule in tab 3 of the IRM model, the starting point for all
6 non-1595 account entries are the date for which approval was received in the 2019 Cost of
7 Service, i.e. December 31, 2017. The starting point for 1595 accounts has been completed
8 starting December 31, 2016 as this is the earliest vintage year where there is a balance in
9 account 1595.

10 **Interest Rates**

11 The interest rates that have been used to calculate actual and forecasted carrying charges are
12 shown in Table 16 and are in accordance with the methodology approved by the OEB in EB-
13 2006-0117 on November 28, 2006.

14

Table 16: Interest Rates Applied to Deferral and Variance Accounts (%)

Quarter by Year	Prescribed interest Rate
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	2.45%
2019 - Q2	2.18%
2019 - Q3	2.18%
2019 - Q4*	2.18%
2020 - Q1*	2.18%
2020 - Q2*	2.18%
2020 - Q3*	2.18%
2020 - Q4*	2.18%
* forecast based on 2019 Q3 prescribed rate.	

1

2 **Claimed Amounts**

3 The total Group 1 Accounts claim is a debit amount of \$300,641 as per cell BT41 of tab 3 of the
4 2020 IRM model and summarized in Table 17 below.

5

Table 17: Summary of Claims

Account Descriptions	Account Number	Total Claim
Group 1 Accounts		
LV Variance Account	1550	0
Smart Metering Entity Charge Variance Account	1551	(9,958)
RSVA - Wholesale Market Service Charge ⁵	1580	(26,795)
Variance WMS - Sub-account CBR Class A ⁵	1580	0
Variance WMS - Sub-account CBR Class B ⁵	1580	(6,804)
RSVA - Retail Transmission Network Charge	1584	84,461
RSVA - Retail Transmission Connection Charge	1586	17,251
RSVA - Power ⁴	1588	23,889
RSVA - Global Adjustment ⁴	1589	218,596
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³ <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0
RSVA - Global Adjustment	1589	218,596
Total Group 1 Balance excluding Account 1589 - Global Adjustment		82,045
Total Group 1 Balance		300,641
LRAM Variance Account (only input amounts if applying for disposition of this	1568	0
Total including Account 1568		300,641

1

2

3 The balances for accounts 1580 RSVA – Wholesale Market Service Charge, 1580 Variance
4 WMS – Sub-Account CBR Class A, and account 1589 RSVA – Global Adjustment differ from
5 the account balances in the trial balance reported through RRR and the audited statements.

6 The differences relate to the following:

- 7
- Account 1580 RSVA – Wholesale Market Service Charge
 - 8 ○ Variance of (\$8,202) as calculated in cell BW23 on tab 3 of the IRM model. This
 - 9 variance is a result of the RRR value recorded in cell BV23 including the
 - 10 amounts for account 1580 – Variance WMS – Sub-account CDR Class B for
 - 11 (\$8,202).
 - 12 ○ This account includes a principal adjustment of \$415 and interest adjustment of
 - 13 \$7. These adjustments are offset in account 1580 – WMS Sub-account CBR

1 Class A. The adjustments are required as the unbilled revenue entry in
2 December 2018 included the Class A amount.

- 3 • Account 1580 Variance WMS – Sub-Account CBR Class A
 - 4 ○ This account includes a principal adjustment of (\$415) and interest adjustment of
 - 5 (\$7). These adjustments are offset in account 1580 RSVA – Wholesale Market
 - 6 Service Charges. The adjustments are required as the unbilled revenue entry in
 - 7 December 2018 included the Class A amount. This results in a variance of \$422
 - 8 as calculated in cell BW24 on tab 3 of the IRM model.
- 9 • Account 1589 RSVA – Global Adjustment
 - 10 ○ Variance of (78,553) as calculated in cell BW29 on tab 3 of the IRM model. This
 - 11 amount is due to the difference in generation estimates submitted to the IESO
 - 12 and actual generation for 2016 and January - April 2017. NOTL Hydro began
 - 13 submitting actual generation amounts in May 2017. This amount was submitted
 - 14 to the IESO as a prior period adjustment in August 2019 and was reflected on
 - 15 NOTL Hydro's September invoice.

16 NOTL Hydro Confirms that no adjustments are being made to any DVA balances previously
17 approved by the OEB on a final basis.

18 **1550 Retail Settlement Variance Account – Low Voltage Variance Account**

19 NOTL Hydro has not had any transactions and a zero balance in this account since disposition
20 of the account in NOTL Hydro's 2009 Cost of Service application, EB-2008-0237. NOTL Hydro
21 is not an embedded Distributor.

22 **1551 Smart Metering Entity Charge Variance Account**

23 For 2019, NOTL Hydro is requesting disposition of:

- 24 • a closing principal balance at December 31, 2018 of (\$9,565) adjusted for dispositions
- 25 during 2019, plus
- 26 • a closing interest balance at December 31, 2018 of (\$109) adjusted for dispositions
- 27 during 2019, plus
- 28 • the forecasted interest of (\$215) for 2019, plus
- 29 • the forecasted interest of (\$70) for January 1, 2020 through April 30, 2020.

30 The total claim for this account is a credit balance of (\$9,958).

1 **1580 Retail Settlement Variance Account - Wholesale Market Service Charges (exc.**
2 **CBR – Class B)**

3 This account records the net of the amount charged by the IESO based on the settlement
4 invoices for the operation of the IESO administered markets and the operation of the IESO
5 controlled grid, and the amount billed to customers using the OEB approved Wholesale Market
6 Service Rate. NOTL Hydro uses the accrual method.

7 This account includes a principal adjustment of \$415 and interest adjustment of \$7. These
8 adjustments are offset in account 1580 – WMS Sub-account CBR Class A. The adjustments
9 are required as the unbilled revenue entry in December 2018 included the Class A amount.

10 For 2020, NOTL Hydro is requesting disposition of:

- 11 • a closing principal balance at December 31, 2018 of (\$26,236) adjusted for dispositions
12 during 2019, plus
- 13 • a closing interest balance of \$221 adjusted for dispositions during 2019, plus
- 14 • the forecasted interest of (\$590) for 2019, plus
- 15 • the forecasted interest of (\$191) for January 1, 2020 through April 30, 2020

16 The total claim for this account is a credit balance of (\$26,795).

17 **1580 Retail Settlement Variance Account - Wholesale Market Service Charges (sub-**
18 **account CBR – Class A)**

19 This account includes a principal adjustment of (\$415) and interest adjustment of (\$7). These
20 adjustments are offset in account 1580 RSVA – Wholesale Market Service Charges. The
21 adjustments are required as the unbilled revenue entry in December 2018 included the Class A
22 amount. This results in a variance of \$422 as calculated in cell BW24 on tab 3 of the IRM
23 model.

24 NOTL Hydro is not requesting disposition of this account in 2020.

25 **1580 Retail Settlement Variance Account - Wholesale Market Service Charges (sub-**
26 **account CBR – Class B)**

27 For 2020, NOTL Hydro is requesting disposition of:

- 1 • a closing principal balance at December 31, 2018 of (\$6,540) adjusted for dispositions
 2 during 2019, plus
 3 • a closing interest balance at December 31, 2018 of (\$69) adjusted for dispositions during
 4 2019, plus
 5 • the forecasted interest of (\$147) for 2019
 6 • the forecasted interest of (\$48) for January 1, 2018 through April 30, 2020.

7 The total claim for this account is a credit balance of (\$6,804).

8 NOTL Hydro had one customer transition from Class A to Class B and four customers transition
 9 from Class B to Class A during the period when the Account 1580 sub-account CBR Class B
 10 balance accumulated. The tables below show the allocation calculations which resulted in
 11 (\$572) of the variance allocated to transition customers.

12 **Table 18: Class A Transition Customers – Non-loss Adjusted Billing Determinants**

Customer	Rate Class		2018	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,729,114	2,928,513
		kW	5,801	6,086
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,485,516	1,560,442
		kW	3,950	3,708
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,819,433	1,768,282
		kW	4,752	4,690
		Class A/B	B	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,329,206	3,285,729
		kW	6,844	6,538
		Class A/B	B	A
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,771,454	2,289,844
		kW	26,029	9,453
		Class A/B	B	A

13

14 **Table 19: Allocation of Total Consumption (kWh) between Class B and Class A/B Transition**
 15 **Customers**

		Total	2018
Total Consumption Less WMP Consumption	A	229,783,888	229,783,888
Less Class A Consumption for Partial Year Class A Customers	B	11,633,411	11,633,411
Less Consumption for Full Year Class A Customers	C	-	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	218,150,477	218,150,477
All Class B Consumption for Transition Customers	E	18,334,122	18,334,122
Transition Customers' Portion of Total Consumption	F = E/D	8.40%	

16

17

Table 20: Allocation of Total CBR Class B Balance

Total CBR Class B Balance	G	-\$	6,804
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	572
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	6,232

1

2 Since the CBR Class B rate rider calculated in tab 6.2 of the IRM model rounds to zero at the
3 fourth decimal place for one or more rate classes, the entire balance in Account 1580 CBR
4 Class B, including the amount allocated to transition customers will be transferred to Account
5 1580 WMS and disposed through the general purpose Group 1 rate riders.

6 **1584 Retail Settlement Variance Account - Retail Transmission Network Charges**

7 This account is used to record the net of the amount charged by the IESO, based on the
8 settlement invoice for transmission network services, and the amount billed to customers using
9 the OEB approved Retail Transmission Network Charge. NOTL Hydro uses the accrual method.

10 For 2020, NOTL Hydro is requesting disposition of:

- 11 • a closing principal balance at December 31, 2018 of \$80,771 adjusted for dispositions
12 during 2019, plus
- 13 • a closing interest balance at December 31, 2018 of \$1,288 adjusted for dispositions
14 during 2019, plus
- 15 • the forecasted interest of \$1,815 for 2019, plus
- 16 • the forecasted interest of \$587 for January 1 through April 30, 2020.

17 The total claim for this account is a debit balance of \$84,461.

18 **1586 Retail Settlement Variance Account - Retail Transmission Connection Charges**

19 This account is used to record the net of the amount charged by the IESO, based on the
20 settlement invoice for transmission connection services, and the amount billed to customers
21 using the OEB approved Transmission Connection Charge. NOTL Hydro uses the accrual
22 method.

23 For 2020, NOTL Hydro is requesting disposition of:

- 24 • a closing principal balance at December 31, 2018 of \$16,183 adjusted for dispositions
25 during 2019, plus

- 1 • a closing interest balance at December 31, 2018 of \$587 adjusted for dispositions during
2 2019, plus
- 3 • the forecasted interest of \$364 for 2019 plus
- 4 • the forecasted interest of \$118 for January 1 through April 30, 2020.

5 The total claim for this account is a debit balance of \$17,251.

6 **1588 Retail Settlement Variance Account – Power**

7 This account is used to recover the net difference between the energy amount billed to
8 customers and the energy charge to NOTL Hydro using the settlement invoices from the IESO.
9 NOTL Hydro uses the accrual method.

10 For 2020, NOTL Hydro is requesting disposition of:

- 11 • a closing principal balance at December 31, 2018 of \$16,421 adjusted for dispositions
12 during 2019, plus
- 13 • a closing interest balance at December 31, 2018 of \$6,980 adjusted for dispositions
14 during 2019, plus
- 15 • the forecasted interest of \$369 for 2019, plus
- 16 • the forecasted interest of \$119 for January 1 through April 30, 2020.

17 The total claim for this account is a debit balance of \$23,889.

18 **1589 Retail Settlement Variance Account - Global Adjustment (“GA”)**

19 This account is used to recover the net difference between the GA amount billed to non-RPP
20 customers and the GA charge to NOTL Hydro for non-RPP customers using the settlement
21 invoices from the IESO. NOTL Hydro uses the accrual method.

22 For 2020, NOTL Hydro is requesting disposition of:

- 23 • a closing principal balance at December 31, 2018 of \$214,451 adjusted for dispositions
24 during 2019, plus
- 25 • a closing interest balance at December 31, 2018 of (\$2,233) adjusted for dispositions
26 during 2019, plus
- 27 • the forecasted interest of \$4,820 for 2019, plus

1 • the forecasted interest of \$1,558 for January 1 through April 30, 2020.

2 The total claim for this account is a debit balance of \$218,596.

3 This claim includes an adjustment of \$78,553:

4 • \$35,661 – difference between generation estimates provided to the IESO and actual
5 generation amounts for 2016

6 • \$42,891 – difference between generation estimates provided to the IESO and actual
7 generation amounts for 2017

8 This amount was trued-up with the IESO as a prior period adjustment in September 2019.

9 **1595 Disposition and Recovery of Regulatory Balances**

10 This account includes the regulatory asset or liability balances authorized by the OEB for
11 recovery in rates or payments/credits made to customers. Separate sub-accounts are
12 maintained for approved principal/recoveries, approved interest and interest on net principal for
13 each OEB approved recovery.

14 NOTL Hydro is not claiming any disposition of its prior year 1595 regulatory balances in this
15 application. NOTL Hydro has previously disposed of its regulatory balances up to and including
16 2015.

17 **Determinants**

18 The billing determinants for all rate classes, other than the Large Use and GS>50, are based on
19 2018 actual data as reported in RRR 2.1.5 in April 2019. The Large Use rate class was
20 approved for NOTL Hydro in its 2019 Cost of Service and therefore there was no historical data
21 for this rate class in its RRR filings for 2018. As directed by Board Staff, the billing determinants
22 for the Large Use rate class are the forecasted consumption included in NOTL Hydro's 2019
23 Cost of Service application (see Table 2).

24 In addition, GS>50kW data was adjusted to remove the portion from the forecast Large Use
25 customer that was included in the GS>50 rate class in 2018 (see Table 8).

26 The number of residential and GS<50kW customers for use in allocating account 1551 were
27 auto-populated from the RRR 2.1.2 from February 2019 for customers as of December 31,
28 2018. NOTL Hydro confirms the accuracy of the auto-populated data.

1 **Disposition**

2 All GA rate riders are calculated on a kWh basis.

3 Consistent with EDDVAR, NOTL Hydro proposes that the disposition period to dispose of the
4 Group 1 account balances by means of a rate rider to be one year.

5 **Threshold Test**

6 The Threshold Test referred to in Section 3.2.5, Page 10 of the Filing Guidelines, is met based
7 on the following calculations:

8 Total Claim for Threshold Test = \$300,641

9 Total metered kWh = 229,783,888

10 Threshold test (total claim per kWh) = $\$300,641 / 229,783,888 = \0.0013 , which exceeds the
11 threshold of a minimum of \$0.001 per kWh in magnitude.

12 Please note that in the IRM model submitted, the Threshold Test (Total claim per kWh)
13 calculation does not reflect the changes to billing determinants discussed above and therefore
14 shows \$0.0014 instead of the correct amount of \$0.0013.

15 **Rate Riders**

16 The proposed rate riders for disposition of the Group 1 account claims are as shown below in
17 Table 21, reflecting tabs 6 and 7 of the IRM model, with a proposed recovery period of one year.

18 **Table 21: Proposed Group 1 Rate Riders**

Rate Class	Unit	Deferral/Variance Account Rate Rider	Non-RPP Global Adjustment Rate Rider
Residential	kWh	0.0003	0.0022
General Service less than 50 kW	kWh	0.0004	0.0022
General Service 50 to 4,999 kW	kW	0.1645	
General Service 50 to 4,999 kW	kWh		0.0022
Large Use	kW	0.1555	
Large Use	kWh		0.0022
Unmetered Scattered Load	kWh	0.0004	0.0022
Street Lighting	kW	0.1436	
Street Lighting	kWh		0.0022

1

2 3.2.5.1 Wholesale Market Participants

3 NOTL Hydro does not have any Wholesale Market Participants within its territory.

4 3.2.5.2 Global Adjustment

5 NOTL Hydro settles GA costs with Class A customers on actual GA prices and no GA variance
6 is allocated to these customers for the period that they were designated class A.

7 The calculation for Class B customers and allocation to Class A customers that transitioned
8 during the period are shown below.

9 **Table 22: Rate Rider Calculation for RSVA – Power – Global Adjustment**

	Total Metered Non-RPP 2018 Consumption excluding WMP	Total Metered 2018 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2018 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,614,201	0	0	1,614,201	2.0%	\$3,539	\$0.0022 kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	5,355,270	0	0	5,355,270	6.6%	\$11,742	\$0.0022 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	80,234,023	0	29,967,533	50,266,490	61.8%	\$110,215	\$0.0022 kWh
LARGE USE SERVICE CLASSIFICATION	kWh	23,308,825	0	0	23,308,825	28.6%	\$51,107	\$0.0022 kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	61,128	0	0	61,128	0.1%	\$134	\$0.0022 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	756,662	0	0	756,662	0.9%	\$1,659	\$0.0022 kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000
Total		111,330,109	0	29,967,533	81,362,576	100.0%	\$178,396	

10

11 NOTL Hydro had one customer transition from Class A to Class B and four customers transition
12 from Class B to Class A during the period when the Account 1589 RSVA Global Adjustment
13 balance accumulated. The tables below show the allocation calculations which resulted in
14 (\$40,200) of the variance allocated to transition customers.

15 **Table 23: Class A Transition Customers – Non-loss Adjusted Billing Determinants**

Customer	Rate Class		2018	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,729,114	2,928,513
		kW	5,801	6,086
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,485,516	1,560,442
		kW	3,950	3,708
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,819,433	1,768,282
		kW	4,752	4,690
		Class A/B	B	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,329,206	3,285,729
		kW	6,844	6,538
		Class A/B	B	A
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,771,454	2,289,844
		kW	26,029	9,453
		Class A/B	B	A

Table 24: Allocation of Total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2018
Non-RPP Consumption Less WMP Consumption	A	111,330,109	111,330,109
Less Class A Consumption for Partial Year Class A Customers	B	11,633,411	11,633,411
Less Consumption for Full Year Class A Customers	C	-	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	99,696,698	99,696,698
All Class B Consumption for Transition Customers	E	18,334,122	18,334,122
Transition Customers' Portion of Total Consumption	F = E/D	18.39%	

Table 25: Allocation of Total GA Balance

Allocation of Total GA Balance \$							
Total GA Balance	G	\$	218,596				
Transition Customers Portion of GA Balance	H=F*G	\$	40,200				
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$	178,397				
Allocation of GA Balances to Class A/B Transition Customers							
# of Class A/B Transition Customers				5			
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 2018	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments		
Customer 1	2,928,513	2,928,513	15.97%	\$ 6,421	\$ 535		
Customer 2	1,485,516	1,485,516	8.10%	\$ 3,257	\$ 271		
Customer 3	1,819,433	1,819,433	9.92%	\$ 3,989	\$ 332		
Customer 4	3,329,206	3,329,206	18.16%	\$ 7,300	\$ 608		
Customer 5	8,771,454	8,771,454	47.84%	\$ 19,232	\$ 1,603		
Total	18,334,122	18,334,122	100.00%	\$ 40,200			

GA Analysis Workform

The GA Workform and associated appendix are attached as Appendix 3.

NOTL Hydro bills non-RPP customers on the actual GA rate. The GA rate used to calculate unbilled revenue from January through November 2018 was based on the previous months actual GA rate as the actual GA rate for the reporting month is not available at the time the

1 unbilled accounting entries are processed. Unbilled revenue for 2018 was trued-up to the actual
2 amount billed and is therefore based on the actual GA rate.

3 The expected GA amount for non-RPP Class B Customers for 2018 was \$7,514,609.

4 **Table 26: Expected GA Amount**

Analysis of Expected GA Amount						
Year	2018					
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed
	F	G	H	I = F-G+H	J	K = I*J
January	7,347,595			7,347,595	0.06736	\$ 494,934
February	6,404,643			6,404,643	0.08167	\$ 523,067
March	6,907,882			6,907,882	0.09481	\$ 654,936
April	6,768,219			6,768,219	0.09959	\$ 674,047
May	7,046,024			7,046,024	0.10793	\$ 760,477
June	7,287,286			7,287,286	0.11896	\$ 866,895
July	7,731,668			7,731,668	0.07737	\$ 598,199
August	7,994,554			7,994,554	0.07490	\$ 598,792
September	6,763,533			6,763,533	0.08584	\$ 580,582
October	5,983,481			5,983,481	0.12059	\$ 721,548
November	5,930,518			5,930,518	0.09855	\$ 584,453
December	6,167,990			6,167,990	0.07404	\$ 456,678
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	82,333,392	-	-	82,333,392		\$ 7,514,609

5
6 The amounts reflected in cells C41 through C52 are the actual non-RPP kWhs consumed in the
7 month including losses. NOTL Hydro creates a new effective date for the GA rate each month
8 and is therefore able to derive accurate consumption by month from the billing system. NOTL
9 Hydro utilized this data in place of billed amounts – previous month unbilled + current month
10 unbilled as the data is more accurate.

11 As all Class B non-RPP customers are billed at the actual GA rate, the expected GA variance is
12 zero. The net change in account 1589 for 2018 was \$480,539. The table below provides the
13 reconciling amounts and explanations.

14 **Table 27: Reconciliation of Net Change in GA Amount**

Note 5 <u>Reconciling Items</u>						
	Item	Amount	Explanation	Principal Adjustments		
				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation	\$ Principal Adjustment on DVA Continuity Schedule
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 480,539				
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	\$ -				
4	Remove GA balances pertaining to Class A customers	\$ -				
5	Significant prior period billing adjustments recorded in current year	\$(252,344)	Billing error related to a multiplier that caused billed consumption to be double the actual usage. Corrections for the period from Aug 2015 to Dec 2017 were completed and billed in 2018	No	Previous variances caused by the error were passed on to customers as should the correction of those errors	
6	Differences in GA IESO posted rate and rate charged on IESO invoice	\$ -				
7	Differences in actual system losses and billed TLFs	\$ -				
8	Others as justified by distributor	\$ -				
9	OEB Approved Disposition	\$(266,088)	Billing error related to a multiplier that caused billed consumption to be double the actual usage. Corrections for the period from Aug 2015 to Dec 2017 were completed and billed in 2018	No	as approved by OEB	
10		\$ -				
				Total Principal Adjustments on DVA Continuity Schedule		\$ -
Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (37,894)				
	Net Change in Expected GA Balance in the Year Per Analysis	\$ -				
	Unresolved Difference	\$ (37,894)				
	Unresolved Difference as % of Expected GA Payments to IESO	(0.5%)				

1

2 Description of Settlement Process

3 NOTL Hydro bills non-RPP customers on actual GA rate. The GA rate used to calculate
4 unbilled revenue from January through November 2018 was based on the previous months
5 actual GA rate as the actual GA rate for the reporting month is not available at the time the
6 unbilled accounting entries are processed. Unbilled revenue for December 2018 (as well as
7 December 2017) was trued-up to the actual amount billed and is therefore based on the actual
8 GA rate.

9 Determine Estimated RPP kWh for the reporting month

10 Actual amounts consumed by RPP customers for the reporting month are not available in the
11 NOTL Hydro billing system at the time that the 1598 submission is due to the IESO. Due to this
12 fact, NOTL Hydro estimates RPP consumption. This process is different for customers that
13 have a smart meter and those that have a conventional meter that requires a manual reading.
14 In an effort to improve the accuracy its 1598 submission estimates, NOTL Hydro implemented
15 the settlement process outlined below beginning in May 2019.

1 **Smart Meters**

2 NOTL Hydro receives a data file from Savage Data, normally on the first business day of the
3 month, that includes account and occupant number, ON/OFF/MID Peak usage as well as total
4 usage for all customers with a non-interval smart meter. NOTL Hydro utilizes data from its
5 NorthStar billing system to filter the data to determine the usage for RPP smart meter
6 customers.

- 7 1. A list of customers that are with a retailer is extracted from the billing system. Customer
8 data from the Savage data file is compared to the list of customers that are active with a
9 retailer. The usage for these customers is not included in the total as they are non-RPP
10 customers.
- 11 2. Customer information for all active accounts is extracted from the billing system. This
12 extract includes account number, occupant code, bill code, and category code.
13 Customers that are not currently assigned the bill code of R1 for residential or C1 for
14 general service less than 50kW are not included in the total. This removes generation
15 and general service greater than 50kW accounts that are included in the Savage data
16 file from the calculations.
- 17 3. Usage for the remaining customers (non-retailer account with a rate class of R1 and C1)
18 is summarized by ON/OFF/MID Peak periods.
- 19 4. The amounts derived in step 3 are grossed up by NOTL Hydro's approved loss rate and
20 these are the amounts that are submitted for smart meter usage for the month.

21 To ensure that the process is providing an accurate estimate of the actual consumption for the
22 month, NOTL Hydro extracts data for ON/OFF/MID Peak consumption once all customers have
23 been billed for the month and compares this amount to the estimate submitted. This is normally
24 2 months after the submission to ensure that any final bills are included in the calculation.

25 **Conventional Meters**

26 NOTL Hydro currently has four bill codes with customers that are charged based on tiered
27 pricing. These include multi-unit residential (B1), farms with residence attached (F1),
28 unmetered scattered load (U1) and streetlights (S1). Estimates for these bill codes are derived
29 as follows:

30 Multi-unit Residential (B1) and Farm with Residence Attached (F1)

- 1 1. Meters for these customers are read manually. This occurs during the last few days of
2 the month and is done internally by NOTL Hydro staff.
- 3 2. Manual reads are entered into the billing system. The billing system applies any
4 multipliers to determine usage.
- 5 3. Accounts are reviewed and any accounts that are actively enrolled with a retailer are
6 excluded from the calculations. Accounts are added or removed from this category
7 based on the current information in the billing system.
- 8 4. NOTL Hydro extracts usage data from the billing system for each customer along with
9 the date of the current read and the previous read. Due to the timing of the meter reads
10 data is not necessarily from the first day of the month to the last day of the month.
- 11 5. Data for each customer is pro-rated based on read dates and Block 1 and Block 2 usage
12 are determined.
- 13 6. Block 1 and Block 2 usage amounts are grossed up based on NOTL Hydro's approved
14 loss factor.

15 Unmetered Scattered Load (U1)

- 16 1. Monthly usage for unmetered customers is determined based on their connected load as
17 provided by the customer and verified by NOTL Hydro staff.
- 18 2. Accounts are reviewed and any accounts that are actively enrolled with a retailer are
19 excluded from the calculations. Accounts are added or removed from this category
20 based on the current information in the billing system.
- 21 3. Block 1 and Block 2 usage amounts are grossed up based on NOTL Hydro's approved
22 loss factor.

23 Streetlights

- 24 1. NOTL Hydro utilizes Utilismart Settlement Manager for monthly usage for streetlight
25 customers on tiered pricing.
- 26 2. Accounts are added or removed from this category based on the current information in
27 the billing system.
- 28 3. Block 1 and Block 2 usage amounts are grossed up based on NOTL Hydro's approved
29 loss factor.

1 To ensure that the process is providing an accurate estimate of the actual consumption for the
 2 month, NOTL Hydro extracts data for Block 1 and Block 2 consumption once all customers have
 3 been billed for the month and compares this amount to the estimate submitted. This is normally
 4 2 months after the submission to ensure that all days of the month and any final bills are
 5 included in the calculation.

6 Customer Counts

7 Customer counts for both smart meter and convention meter customers are based on
 8 information for the most recent months data available in the billing system. NOTL Hydro
 9 extracts all distinct customers that were charged for electricity based on ON/OFF/MID Peak for
 10 smart meter customers and those that were charged based on Block 1 and Block 2 rates for
 11 conventional meter customers.

12 Determine Estimated Weighted Average Price for the reporting Month

13 NOTL Hydro completed its implementation of Utilismart's Settlement Manager and Energy
 14 Manager programs in early 2019. NOTL Hydro utilizes this system for the estimated Weighted
 15 Average Price (WAP) for the month for its 1598 submission. The program calculates the WAP
 16 by multiplying each hour of IESO usage by the HEOP price for the hour to arrive at the total
 17 IESO cost for the month. This total is then divided by the monthly total kWh. NOTL Hydro has
 18 verified the estimates provided by Settlement Manager to line 101 of the IESO invoice and the
 19 kWh to the IESO AQEW (average quantity of energy withdrawn) report.

20 **Table 28: Utilismart Settlement Manager WAP (July 2019)**

Bill To: NOTL TSL		utilismart™ CORPORATION		Service Address NOTL TSL	
Account # N/A Measured : kWh Energy 22,690,649.1		Meter Number TSL kW Interval Demand : 49,673.9		Billing Period 2019/07/01-2019/07/31 kVA Interval Demand : 49,673.9	
Rate : 101 HOEP				Statement Date 2019/07/31 Utilismart # : 629610	
*** THIS IS NOT A BILL *** PLEASE REFER TO YOUR REGULAR UTILITY BILL FOR ACTUAL CHARGES					
Item	Charge Type - Description	Billing Quantity	Rate	Charge (Credit)	
Energy Based Charges					
1	Standard Supply Service	22,763,142.18 / kWh	\$0.0226280 / kWh	\$515,083.26	
Notes: Billing Demands are based on Fixed 60 min. Billing Energy Includes a Total Loss of 0.31948%.		Subtotal : \$515,083.26	Tax : \$66,960.82	Total : \$582,044.08	

21

22

Table 29: IESO Invoice (for July 2019 usage)

Independent Electricity System Operator PHYSICAL INVOICE		
NIAGARA-ON-THE-LAKE HYDRO INC. P.O. Box 460 8 Henegan Road Virgil, ON L0S 1T0 Canada		Independent Electricity System Operator Station A, Box 4474 Toronto, ON M5W 4E5 [REDACTED]
		Issue / Re-Issue Date: 15-AUG-2019
		Invoice Date: 15-AUG-2019
Comments: Charges for settlement statements issued: From 01-JUL-2019 To 31-JUL-2019		
Charge Type	Description	Amount
101	NET ENERGY MARKET SETTLEMENT FOR NON-DISPATCHABLE LOAD	\$515,084.58

Table 30: IESO AQEW (for July 2019 usage)

Monthly AQEW and AQEI Report 1 CNF NOTLHYDRO 2019-08-02T08:00:05.074 NOTLHYDRO 104422 2019-07 100289 14474560 108509 8288610

NOTL Hydro's total AQEW for the month is the addition of the 2 meter points highlighted in table 30. Total AQEW for July 2019 was 22,763,170 kWh (14,474,560 + 8,288,610).

Table 31 compares the amounts available in Settlement Manager at the time of NOTL Hydro's 1598 submission to the actual amounts from the IESO invoice and AQEW reports for July 2019.

Table 31: Settlement Manager - IESO Comparison (for July 2019 usage)

	Settlement Manager	IESO	Variance	Variance %
Cost of Power	\$515,083.26	\$515,084.58	(\$1.32)	0.0%
Quantity/ AQEW	22,763,142	22,763,170	(28)	0.0%
WAP	\$0.022628	\$0.022628	(\$0.000000)	0.0%

Estimated Global Adjustment for the reporting Month

1 Since the actual Global Adjustment rate for the month is not available at the time of the
 2 submission, the 2nd Estimate of the Global adjustment rates for Class B customers for the
 3 month is used for estimating RPP cost of power. The rate is obtained from the IESO website.

4 **Table 32: Global Adjustment Estimates (for July 2019 usage)**

Global Adjustment Estimates and Actual Rates											
The 1st, 2nd estimate and actual rates for Class B customers are posted below in MWh.											
2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1st Estimate (\$/MWh)	67.41	96.57	81.05	81.29	128.60	124.44	135.27	72.11			
2nd Estimate (\$/MWh)	83.06	82.36	75.75	124.88	130.49	147.72	88.54				
Actual Rate (\$/MWh)	80.92	88.12	80.41	123.33	126.04	137.28	96.45				

5

6 **Table 33: Estimated Cost of Power and Global Adjustment Rate for RPP Customers (for July 2019 usage)**

7

Average Price per kWh	\$0.022628
GA 2nd Estimate per kWh	\$0.088540
Total	\$0.111168

8

9 Estimate and Submit RPP Variances

10 The estimated RPP energy consumption is multiplied by the RPP rates to estimate the amount
 11 NOTL Hydro will receive from RPP customers for the reporting month.

12 **Table 34: Estimated Revenue for RPP Customers (July 2019)**

	Consumption Estimate	RPP Rates	Revenue
Block 1	282,095	\$0.077	\$21,721
Block 2	262,757	\$0.089	\$23,385
On-Peak	2,863,281	\$0.134	\$383,680
Mid-Peak	2,420,522	\$0.094	\$227,529
Off-Peak	7,981,909	\$0.065	\$518,824
Total RPP	13,810,565		\$1,175,140

1

2

3 The estimated RPP energy consumption is multiplied by the estimated weighted average price
4 and GA 2nd estimate to determine the total cost of power.

5

Table 35: Estimated Cost of Power and GA RPP Customers

	Consumption Estimate	Estimated WAP	GA 2nd Estimate	Cost per kWh (WAP + GA)	Total Cost
Block 1	282,095	\$0.0226	\$0.0885	\$0.1112	\$31,360
Block 2	262,757	\$0.0226	\$0.0885	\$0.1112	\$29,210
On-Peak	2,863,281	\$0.0226	\$0.0885	\$0.1112	\$318,305
Mid-Peak	2,420,522	\$0.0226	\$0.0885	\$0.1112	\$269,085
Off-Peak	7,981,909	\$0.0226	\$0.0885	\$0.1112	\$887,333
Total RPP	13,810,565				\$1,535,293

6

7 The differences between dollars received and cost for each of Block 1 and Block 2 for
8 conventional meters and ON/OFF/MID Peak periods for smart meters are the RPP variances
9 submitted to the IESO in Form 1598.

10

Table 36: Calculation of 1598 Submission Amount (July 2019)

	Revenue	Cost	Due to / (from) IESO
Block 1	\$21,721	\$31,360	(\$9,639)
Block 2	\$23,385	\$29,210	(\$5,825)
On-Peak	\$383,680	\$318,305	\$65,374
Mid-Peak	\$227,529	\$269,085	(\$41,556)
Off-Peak	\$518,824	\$887,333	(\$368,509)
Total RPP	\$1,175,140	\$1,535,293	(\$360,153)

11

12 **Determine Accounting Entries**

1 When the IESO invoice for the reporting month is received, an accounting entry is made to
 2 reflect the components of the total RPP variance amount in Charge Type 1142. For each of
 3 Block 1 and Block 2 for conventional meters and ON/OFF/MID Peak periods for smart meters,
 4 the entry to OEB Account 4705 is to reflect passing on to the IESO the RPP dollars received by
 5 NOTL Hydro from customers less NOTL Hydro's energy cost at the weighted average price.
 6 The entry to Account 4707 is to reflect NOTL Hydro's energy cost at the GA rate for non-RPP
 7 customers. The monthly entry to account 4707 includes the entire amount of IESO invoice line
 8 148 – Class B Global Adjustment Settlement Amount less the amount attributable to RPP
 9 customers. NOTL Hydro confirms that it uses the accrual method.

10

Table 37: Calculation of Accounting Entries

	Consumption Estimate	Estimated WAP	Cost of Power	GA 2nd Estimate	GA Cost	Total Cost
Block 1	282,095	\$0.0226	\$6,383	\$0.0885	\$24,977	\$31,360
Block 2	262,757	\$0.0226	\$5,946	\$0.0885	\$23,265	\$29,210
On-Peak	2,863,281	\$0.0226	\$64,790	\$0.0885	\$253,515	\$318,305
Mid-Peak	2,420,522	\$0.0226	\$54,772	\$0.0885	\$214,313	\$269,085
Off-Peak	7,981,909	\$0.0226	\$180,615	\$0.0885	\$706,718	\$887,333
Total RPP	13,810,565		\$312,505		\$1,222,787	\$1,535,293

11

	Due to / (from) IESO	GA - RPP Account 4707	Cost of Power Account 4705
Block 1	(\$9,639)	(\$24,977)	\$15,338
Block 2	(\$5,825)	(\$23,265)	\$17,440
On-Peak	\$65,374	(\$253,515)	\$318,889
Mid-Peak	(\$41,556)	(\$214,313)	\$172,758
Off-Peak	(\$368,509)	(\$706,718)	\$338,209
Total RPP	(\$360,153)	(\$1,222,787)	\$862,634

12

IESO Invoice - Line 148 - Class B GA	\$2,121,527
GA attributable to RPP Customers	(\$1,222,787)
Non-RPP GA (account 4707)	\$898,739
Cost of Power - RPP (account 4705)	\$862,634

13

14 1598 True-up Process

15 NOTL Hydro implemented a revised monthly true-up process effective August 1, 2019. NOTL
 16 Hydro true-up 1598 balances on an annual basis for 2017 and 2018.

- 1 1. NOTL Hydro updates the effective dates of the GA, WAP, ON/OFF/MID Peak, and
2 Block 1 and Block 2 rates on a monthly basis. This allows the data to be extracted by
3 consumption month.
- 4 2. NOTL Hydro bills on a monthly calendar basis.
- 5 3. During 2018, NOTL Hydro adjusted its billing schedule so that all customers are billed
6 the month following consumption.
 - 7 a. Customers with a smart meter are billed from the first day of the month to the
8 last day of the month.
 - 9 b. NOTL Hydro currently has approximately 13 RPP customer accounts that have
10 a conventional meter (multi-unit residential and farms with residences attached).
11 Manual reads for the customers may cross over more than 1 calendar month
12 due to the timing of the reads (i.e. January 27 – February 27). Best efforts are
13 made to schedule reads as close to the end of the month as possible.
- 14 4. The true-up process is completed once all billings for the reporting period have been
15 processed through the billing system. Due to some conventional meters crossing over
16 months, NOTL Hydro trues-up 2 months following consumption. For example, the May
17 submission was trued-up with the submission for July that was submitted during the first
18 four business days of August. This ensures that all GA charges for the reporting month
19 are included in the calculation. Once the remaining conventional meters are converted
20 to smart meters this true-up will be completed in the month following consumption.
- 21 5. NOTL Hydro extracts monthly data from its Northstar billing system including billed
22 usage, billed amount, and rate for:
 - 23 a. Total Class B GA
 - 24 b. RPP GA (derived from the negate GA stat code)
 - 25 c. ON/OFF/MID Peak and associated WAP
 - 26 d. Block 1 and Block 2 and associated WAP
- 27 6. GA
 - 28 a. The total Class B GA Billed less the RPP GA Billed = Non-RPP GA Billed
 - 29 b. These amounts are used to determine the proportion of the actual GA from line
30 148 of the IESO invoice. This method is utilized as the total Class B GA billed to
31 customers will never be exactly equal to the amount billed by the IESO due to
32 the differences between the approved loss factor and the actual loss factor for
33 the month.

- 1 c. This method ensures that the difference between the approved losses and
2 actual losses is shared between RPP and non-RPP customers
- 3 d. Once the RPP GA portion has been calculated, that amount is then allocated
4 between ON/OFF/MID Peak and Block 1 and Block 2 consumption. This
5 calculation is again based on the proportion billed for each rate type multiplied
6 by the calculated RPP GA amount.

7 **7. Cost of Power**

- 8 a. The cost of power for RPP customers is determined by multiplying the WAP
9 (from the billing system) by the Actual Billed usage for ON/OFF/MID Peak and
10 Block 1 and Block 2 rates.
- 11 8. This process is run monthly, however to ensure that any significant prior period billing
12 adjustments are captured, NOTL Hydro extracts year to date data at the end of each
13 month and compares it to the amount used to calculate the true-up amount. Any
14 differences will be submitted with the December IESO submission.
- 15 a. The actual settlement values are calculated for each rate type as follows: Billed
16 Revenue – Cost of Power – Allocated GA
- 17 9. The difference between the actual settlement values and the estimated settlement
18 values is the true-up amount.

19 **Embedded Generation and Embedded Distribution**

20 NOTL Hydro does not have its own embedded generation or any embedded distributors.

21 NOTL Hydro does have MicroFIT, FIT, and SOP customers. The kWh generated is reported to
22 the IESO as actual on-peak and off-peak kWh generation. The difference between the
23 contracted IESO price and the WAP is reported on the 1598 monthly submission and the
24 difference is credited back to the LDC on the IESO monthly invoice. The amounts submitted to
25 the IESO via charge codes 1410-Renewable energy standard offer program settlement amount
26 and 1412- Feed-in tariff program settlement amount is reported to the IESO by the 4th business
27 day of the month at the actual amounts.

28 **3.2.5.3 Commodity Accounts 1588 and 1589**

29 **RPP Settlement True-ups**

1 NOTL Hydro confirms that 2018 settlement claims for account 1588 and 1589 are included in
2 the 2018 values.

3 **New Accounting Guidance**

4 NOTL Hydro has revised its 1598 process and true-ups as discussed above. NOTL Hydro
5 tested the new process by comparing the results to those achieved using the template issue by
6 the OEB and the differences were not material. The process was fully implemented for the July
7 settlement with IESO submitted during the first four business days of August.

8 NOTL Hydro has considered the accounting guidance issued on February 21, 2019 entitled
9 Accounting Guidance related to Account 1588 Power, and 1589 RSVA Global Adjustment for
10 2017 balances approved for disposition in its 2019 Cost of Service (on an interim basis) and
11 2018 balances requested for disposition in this application and confirms there are no systemic
12 issues with the account balances. NOTL Hydro requests final disposition of the 2017 account
13 balances that were approved on an interim basis

14 **Certification of Evidence**

15 I, Jeff Klassen, Vice President Finance for NOTL Hydro certify to the best of my knowledge that
16 NOTL Hydro has robust processes and internal controls in place for the preparation, review,
17 verification and oversight of the account balances being disposed, consistent with the
18 certification requirements in Chapter 1 of the filing requirements.

19 **3.2.5.4 Capacity Based Recover (CBR)**

20 NOTL Hydro had one customer transition from Class A to Class B and four customers transition
21 from Class B to Class A during the period when the Account 1580 sub-account CBR Class B
22 balance accumulated. The tables below show the allocation calculations which resulted in
23 (\$572) of the variance allocated to transition customers.

24 **Table 38: Class A Transition Customers – Non-loss Adjusted Billing Determinants**

Customer	Rate Class		2018	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,729,114	2,928,513
		kW	5,801	6,086
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,485,516	1,560,442
		kW	3,950	3,708
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,819,433	1,768,282
		kW	4,752	4,690
		Class A/B	B	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,329,206	3,285,729
		kW	6,844	6,538
		Class A/B	B	A
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,771,454	2,289,844
		kW	26,029	9,453
		Class A/B	B	A

Table 39: Allocation of Total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2018
Total Consumption Less WMP Consumption	A	229,783,888	229,783,888
Less Class A Consumption for Partial Year Class A Customers	B	11,633,411	11,633,411
Less Consumption for Full Year Class A Customers	C	-	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	218,150,477	218,150,477
All Class B Consumption for Transition Customers	E	18,334,122	18,334,122
Transition Customers' Portion of Total Consumption	F = E/D	8.40%	

Table 40: Allocation of Total CBR Class B Balance

Total CBR Class B Balance	G	-\$	6,804
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	572
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	6,232

Since the CBR Class B rate rider calculated in tab 6.2 of the IRM model rounds to zero at the fourth decimal place for one or more rate classes, the entire balance in Account 1580 CBR Class B, including the amount allocated to transition customers will be transferred to Account 1580 WMS and disposed through the general purpose Group 1 rate riders.

3.2.6 Lost Revenue Adjustment Mechanism Variance Account

NOTL Hydro is not seeking disposition of the Lost Revenue Adjustment Mechanism Variance Account in this application.

3.2.7 Tax Changes

1 There were no legislative tax changes from NOTL Hydro's tax rates embedded in its OEB
2 approved rate.

3 **3.2.8 Z-factor Claims**

4 NOTL Hydro is not seeking a Z-factor claim in this application.

5 **3.3.1 Advanced Capital Module**

6 NOTL Hydro is not submitting an Advance Capital Module in this application.

7 **3.3.2 Incremental Capital Module**

8 NOTL Hydro is not submitting an Incremental Capital Module in this application.

9 **3.3.3 Treatment of Costs for 'eligible investments'**

10 Not applicable. NOTL Hydro filed a Cost of Service application pursuant to chapter 5 in 2018 for
11 rates effective in 2019.

12 **3.3.5 Off-ramps**

13 NOTL Hydro's 2018 distributor earnings were within the 300 basis points deadband as per its
14 2018 RRR filing for 2.1.5.6.

15 **3.4 Specific Exclusions for Price Cap IR or** 16 **Annual IR Index Applications**

17 NOTL Hydro is not seeking relief for any specific or excluded issues in this application.

18

1 **Appendices**

APPENDIX

1





Ontario
Energy
Board | Commission
de l'énergie
de l'Ontario

FINAL RATE ORDER

EB-2018-0056

NIAGARA-ON-THE-LAKE HYDRO INC.

**Application for electricity distribution rates and other charges
beginning May 1, 2019**

BEFORE: Michael Janigan
Presiding Member

May 23, 2019

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1 INTRODUCTION AND SUMMARY

This is a Final Rate Order of the Ontario Energy Board (OEB) on an application filed by Niagara-on-the-Lake Hydro Inc. (NOTL Hydro) to change its electricity distribution rates effective May 1, 2019.

The OEB has reviewed NOTL Hydro's draft rate order (DRO) and proposed Tariff of Rates and Charges, and is satisfied that they accurately reflect the Decision and Order issued on April 23, 2019.

As a result of this Final Rate Order, it is estimated that the total monthly bill for a typical residential customer with an average monthly consumption of 750 kWh will decrease by 0.33% or \$0.34 per month before tax.

2 THE PROCESS

NOTL Hydro filed its application on August 23, 2018 for 2019 rates. The OEB issued a Notice of Application on September 7, 2018, inviting parties to apply for intervenor status. School Energy Coalition (SEC) and Vulnerable Energy Consumers Coalition (VECC) applied for and were granted intervenor status and cost eligibility.

The OEB held a community meeting on October 9, 2018 where OEB staff and NOTL Hydro made presentations. A summary of the community meeting was posted on the record of this proceeding. The customers that attended the community meeting asked questions and expressed concerns about a new transformer, bill impacts from rate riders, self-generation, street light revenue reduction and whether the generation from the new large business customer will impact residential rates.

The OEB issued Procedural Order No. 1 on October 10, 2018 with a timetable for a written discovery process, the filing of a proposed issues list and a settlement conference. On December 6, 2018, the OEB issued its Decision on Issues List in which it approved a final issues list that was proposed by OEB staff and agreed upon by the intervenors. A settlement conference was held on December 10 and 11, 2018.

NOTL Hydro, SEC and VECC (the Parties) filed a partial settlement proposal with the OEB on January 10, 2019. OEB staff was not a party to the settlement proposal, but participated in the settlement conference in accordance with the role of OEB staff set out in the OEB's *Practice Direction on Settlement Conferences*. OEB staff filed its submission regarding the partial settlement proposal on January 17, 2019.

On February 8, 2019, the OEB issued a Decision and Procedural Order No. 4 in which it accepted the partial settlement proposal with respect to NOTL Hydro's application. Procedural Order No. 4 also set out the dates for a written hearing of the six unsettled issues. All Parties and OEB staff filed written submissions with respect to the unsettled issues.

NOTL Hydro filed a proposed Tariff of Rates and Charges on May 1, 2019. There were no submissions regarding the proposed Tariff of Rates and Charges.

3 RATE ORDER

The OEB has reviewed the information provided in support of NOTL Hydro's revised draft rate order and proposed Tariff of Rates and Charges. The OEB finds that the Tariff of Rates and Charges in Schedule A accurately reflects the Decision and is consistent with the OEB's format.

This Final Rate Order establishes NOTL Hydro's distribution rates effective and implemented as of May 1, 2019.

4 IMPLEMENTATION

The new rates approved in this Final Rate Order are to be effective and implemented on May 1, 2019. Pursuant to the Decision and Order, NOTL Hydro filed tariff sheets and detailed information in support of the calculation of final rates in the draft rate order.

The approved Tariffs of Rates and Charges are attached as Schedule A to this Rate Order.

5 ORDER

THE ONTARIO ENERGY BOARD ORDERS THAT:

The Tariff of Rates and Charges set out in Schedule A of this Rate Order is final effective May 1, 2019 and is to be implemented effective May 1, 2019. The Tariff of Rates and Charges will apply to electricity consumed or estimated to have been consumed on and after May 1, 2019. NOTL Hydro shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

DATED at Toronto **May 23, 2019**

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli
Board Secretary

SCHEDULE A: TARIFF OF RATES AND CHARGES

RATE ORDER

NIAGARA-ON-THE-LAKE HYDRO INC.

EB-2018-0056

MAY 23, 2019

Niagara-on-the-Lake Hydro Inc.
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-2018-0056

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.74
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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-2018-0056

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential 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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	39.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0117
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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-2018-0056

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account 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. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	281.65
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.2179)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.5322
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5327
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2812

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
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EB-2018-0056

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,692.18
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.2179)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate	\$/kW	2.5322
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.5327
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2812

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
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EB-2018-0056

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.20
Distribution Volumetric Rate	\$/kWh	0.0054
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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-2018-0056

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established by an approved Ontario Energy Board process. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.85
Distribution Volumetric Rate	\$/kW	1.8891
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.2009)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	1.9093
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4118

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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EB-2018-0056

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

Niagara-on-the-Lake Hydro Inc.
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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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

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SPECIFIC SERVICE CHARGES

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	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)	\$	190.00

Non-Payment of Account (see Note below)

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Late payment - per annum	%	19.56
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00

Other

Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

Niagara-on-the-Lake Hydro Inc.
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RETAIL SERVICE CHARGES (if applicable)

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly fixed charge, per retailer	\$	40.00
Monthly variable charge, per customer, per retailer	\$/cust.	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.00
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00

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	1.0373
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0275
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

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NOTES

1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss-adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

APPENDIX

2



2020 IRM Checklist
Niagara-on-the-Lake Hydro Inc.
EB-2019-0056

Filing Requirement
Page # Reference

Date: October 2019

IRM REQUIREMENTS		Included
3.1.2 Components of the Application Filing, Pg. 3-4		
Pg. 3	Manager's summary documenting and explain all rate adjustments requested	Yes
3	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Yes
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Yes
4	Current tariff sheet, PDF	Yes
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Yes
4	Statement as to who will be affected by the application, specific customer groups affected by particular request	Yes
4	Applicant's internet address	Yes
4	Statement confirming accuracy of billing determinants pre-populated in model	Yes
4	Text searchable PDF format for all documents	Yes
3.1.3 Applications and Electronic Models, Pg. 5-6		
5	Populated GA Analysis Workform	Yes
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	Yes
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	n/a
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	n/a
5 & 6	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts	n/a
Addendum, Page 15	All distributors must file the responses to the questions in Appendix A of the GA Analysis Workform.	Yes
3.2.2 Revenue to Cost Ratio Adjustments		
8	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	Yes
3.2.3 Rate Design for Residential Electricity Customers		
<i>Residential Rate Design - Exceptions and Mitigation (applicable only to distributors that have not completed the rate design transition)</i>		
9	Extension of OEB-approved transition period, if necessary	n/a
9	Alternative/additional strategy in the event that an additional transition year is insufficient, or that no extension is necessary, however substantiated with reasons	n/a
9	Calculation of the combined impact of the fixed rate increase and any other changes in the cost of distribution service for those residential RPP customers who are at the 10th percentile of overall consumption	n/a
9	Description of the method used to derive the 10th consumption percentile. The description should include a discussion regarding the nature of the data that was used (e.g. was the source data for all residential customers or a representative sample of residential customers).	Yes
9	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required	n/a
10	Mitigation plan if total bill increases for any customer class exceed 10%	n/a
3.2.4 Electricity Distribution Retail Transmission Service Rates	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	
3.2.5 Review and Disposition of Group 1 DVA Balances, Pg. 10-16		
10	Justification if any account balance in excess of the threshold should not be disposed	n/a
11	Completed tab 3 - continuity schedule in Rate Generator Model	Yes
11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Yes
11	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis	Yes
11	If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts"	Yes
12	GA rate riders calculated on an energy basis (kWh)	Yes
General	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	Yes
3.2.5.1 Wholesale Market Participants		
12	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	n/a
3.2.5.2 Global Adjustment		
13	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account	Yes
14 & Addendum, Pages 16 - 17	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and responses to questions in Appendix A of the GA Analysis Workform Instructions; explain discrepancies. Unexplained discrepancies calculated separately for each calendar year	Yes
14	Description of settlement process with IESO or host distributor, specify GA rate used for each rate class, itemize process for providing estimates and describe true-up process, details of method for estimating RPP and non-RPP consumption, treatment of embedded generation/distribution, distributor's internal control tests in validating estimated and actual consumption figures used in RPP settlement process and subsequent true-up adjustments	Yes
15	If distributor uses the actual GA rate to bill non-RPP Class B customers, a proposal must be made to exclude these customer classes from the allocations of the balance of Account 1589 and the calculation of the resulting rate riders	Yes
15	Description of financial accounting practices related to recording transaction in 1588 and 1589	Yes
14 & 15	Disclosure of nature, timing, and dollar impact of subsequent adjustments recorded after recording period that adjust the initial transactions from preliminary estimates to actual figures based on consumption data - complete GA Analysis Workform for each applicable fiscal year subsequent to the most recent year in which Accounts 1588 and 1589 were approved for disposition on a final basis by the OEB	Yes
15	If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, propose made to exclude these customer classes from the allocation of the balance of account 1589 RSVA GA and the calculation of the resulting rate riders - these rate classes are not to be charged/refunded the GA rate rider as they did not contribute to the accumulation of the balance of account 1589 RSVA GA	n/a - NOTL Hydro charges all Class B customer using actual GA rate
3.2.5.3 Commodity Accounts 1588 and 1589		
15	RPP Settlement True-Up - distributors to follow guidance in May 23, 2017 letter pertaining to the period that is being requested for disposition for Accounts 1588 and 1589	Yes
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Yes
Addendum, Pages 12 - 13	Status update on implementation of new accounting guidance (related to Accounts 1588 and 1589 - Feb 21, 2019), a review of historical balances, results of the review, and any adjustments made to account balances; for any adjustments made - include the reason, how it was quantified and the journal entry to adjust the balances	Yes
3.2.5.4 Capacity Based Recovery (CBR)		
16	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated. - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. - The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	Yes
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		

2020 IRM Checklist
Niagara-on-the-Lake Hydro Inc.
EB-2019-0056

Filing Requirement Page # Reference		Date: October 2019
IRM REQUIREMENTS		Included
Addendum, Pages 20 - 22	<p>LRAMVA - disposition of balance. Distributors must provide version 4 of LRAMVA Work Form in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO.</p> <p>An application for lost revenues should also provide the following:</p> <ul style="list-style-type: none"> - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) <p>- for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings</p> <p>For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information:</p> <ul style="list-style-type: none"> o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program 	n/a
3.2.7 Tax Changes		
19 & 20	If applicable, tabs 8 and 9 of Rate Generator Model complete	n/a
20	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	n/a
3.2.8 Z-Factor Claims, Pg. 20-21		
20	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report	n/a
20 & 21	<p>In addition distributor must:</p> <ul style="list-style-type: none"> - Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file) - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk 	n/a
3.2.8.2 Z-Factor Accounting Treatment		
21	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	n/a
21	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	n/a
3.2.8.3 Recovery of Z-Factor Costs		
21	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	n/a
21	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	n/a
21	Residential rider on fixed basis	n/a
21	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	n/a
3.3.1 Advanced Capital Module, Pg. 22-23		
22	Evidence of passing "Means Test"	n/a
22	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	n/a
22/23	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	n/a
23	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	n/a
3.3.2 Incremental Capital Module, Pg. 23-29		
3.3.2.1 ICM Filing Requirements		
25	The following should be provided when filing for incremental capital:	n/a
25	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	n/a
25	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	n/a
25	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	n/a
25	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	n/a
25	Details by project for the proposed capital spending plan for the expected in-service year	n/a
25	Description of the proposed capital projects and expected in-service dates	n/a
25	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	n/a
25	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	n/a
25	Description of the actions the distributor would take in the event that the OEB does not approve the application	n/a
25	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	n/a
3.3.5 Off-Ramps		
30	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	n/a
Appendix A		
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	n/a
Appendix A & Addendum, Page 22	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	n/a
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	n/a

APPENDIX

3





GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	

Utility Name NIAGARA-ON-THE-LAKE HYDRO INC.

Note 1 Please select "Yes" in column D for any year being requested for disposition

	2014	No
	2015	No
	2016	No
	2017	No
	2018	Yes

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

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2018	\$ -	\$ 480,539	\$ (518,433)	\$ (37,894)	\$ (37,894)	\$ 7,514,609	-0.5%
Cumulative Balance	\$ -	\$ 480,539	\$ (518,433)	\$ (37,894)	\$ (37,894)	\$ 7,514,609	N/A

GA Analysis Workform

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

Year		2018		
Total Metered excluding WMP	C = A+B	217,531,862	kWh	100%
RPP	A	119,479,629	kWh	54.9%
Non-RPP	B = D+E	98,052,233	kWh	45.1%
Non-RPP Class A	D	18,134,723	kWh	8.3%
Non-RPP Class B*	E	79,917,510	kWh	36.7%

*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.

Please confirm that the above RRR data is accurate

Note 3 **GA Billing Rate**

GA is billed on the

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	2018								
	Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	7,347,595			7,347,595	0.06736	\$ 494,934	0.06736	\$ 494,934	\$ -
February	6,404,643			6,404,643	0.08167	\$ 523,067	0.08167	\$ 523,067	\$ -
March	6,907,882			6,907,882	0.09481	\$ 654,936	0.09481	\$ 654,936	\$ -
April	6,768,219			6,768,219	0.09959	\$ 674,047	0.09959	\$ 674,047	\$ -
May	7,046,024			7,046,024	0.10793	\$ 760,477	0.10793	\$ 760,477	\$ -
June	7,287,286			7,287,286	0.11896	\$ 866,895	0.11896	\$ 866,895	\$ -
July	7,731,668			7,731,668	0.07737	\$ 598,199	0.07737	\$ 598,199	\$ -
August	7,994,554			7,994,554	0.07490	\$ 598,792	0.07490	\$ 598,792	\$ -
September	6,763,533			6,763,533	0.08584	\$ 580,582	0.08584	\$ 580,582	\$ -
October	5,983,481			5,983,481	0.12059	\$ 721,548	0.12059	\$ 721,548	\$ -
November	5,930,518			5,930,518	0.09855	\$ 584,453	0.09855	\$ 584,453	\$ -
December	6,167,990			6,167,990	0.07404	\$ 456,678	0.07404	\$ 456,678	\$ -
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	82,333,392	-	-	82,333,392		\$ 7,514,609		\$ 7,514,609	\$ -

Calculated Loss Factor

1.0302

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments		
				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation	\$ Principal Adjustment on DVA Continuity Schedule
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 480,539				
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	\$ -				
4	Remove GA balances pertaining to Class A customers	\$ -				
5	Significant prior period billing adjustments recorded in current year	\$ (252,344)	Billing error related to a multiplier that caused billed consumption to be double the actual usage. Corrections for the period from Aug 2015 to Dec 2017 were completed and billed in 2018	No	ed by the error were passed on to customers.	
6	Differences in GA IESO posted rate and rate charged on IESO invoice					
7	Differences in actual system losses and billed TLFs					
8	Others as justified by distributor					
9	OEB Approved Disposition	\$ (266,088)	Approved disposition from 2018 IRM application	No	as approved by OEB	
10						
				Total Principal Adjustments on DVA Continuity Schedule		
					\$	-

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (37,894)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ -
	Unresolved Difference	\$ (37,894)
	Unresolved Difference as % of Expected GA Payments to IESO	<u>-0.5%</u>



2020 IRM

GA Workform Analysis Appendix A
GA Methodology Description
Questions on Accounts 1588 & 1589

- 1 1. Please complete the Table below for principal adjustments on the DVA Continuity
 2 Schedule for Account 1588:
 3

Reconciliation of Account 1588 - 2018

	Principal Adjustments	Was the amount a "Principal Adjustment" in the previous year? (Y/N)
Balance December 31, 2018	147,505	
Reversals of Principal Adjustments - previous year		
1. Reversal of Cost of Power accrual from previous year	0	
2. Reversal of CT 1142 true-up from the previous year	0	
3. Unbilled to billed adjustment for previous year	0	
4. Reversal of RPP vs. Non-RPP allocation	0	
Sub-Total Reversals from previous year (A):	0	
Principal Adjustments - current year		
5. Cost of power accrual for 2018 vs Actual per IESO bill	0	
6. True-up of CT 1142 for 2018 consumption recorded in 2019 GL	0	
7. Unbilled accrued vs. billed for 2018 consumption	0	
8. True-up of RPP vs. Non-RPP allocation of CT 148 based on actual 2018 consumption	0	
9. Other	0	
Sub-Total Principal Adjustments for 2018 consumption (B)	0	
Total Principal Adjustments shown for 2018 (A + B)	0	
Bal. For Disposition - 1588 (should match Total Claim column on DVA Continuity Schedule)	23,889	

- 4 2. In booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the
 5 IESO invoice, please confirm which of the following approaches is used:
 6 a. CT 1142 is booked into Account 1588. CT 148 is pro-rated based on
 7 RPP/non-RPP consumption and then booked into Account 1588 and 1589
 8 respectively.
 9 b. CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP
 10 minus HOEP for RPP consumption is booked into Account 1588. The portion
 11 of CT 1142 equaling GA RPP is credited into Account 1589.
 12 c. If another approach is used, please explain in detail.

- 1 d. Was the approach described in response to the above questions used
2 consistently for all years for which variances are proposed for disposition? If
3 not, please discuss.
4

5 **NOTL Hydro Reponses**

- 6 • NOTL utilizes approach B.
7

8 **3. Questions on CT 1142**

- 9 a. Please describe how the initial RPP related GA is determined for settlement
10 forms submitted by day 4 after the month-end (resulting in CT 1142 on the
11 IESO invoice).
12 b. Please describe the process for truing up CT 1142 to actual RPP kWh,
13 including which data is used for each TOU/Tier 1&2 prices, as well as the
14 timing of the true up.
15 c. Has CT 1142 been trued up for with the IESO for all of 2018?
16 d. Which months from 2018 were trued up in 2019?
17 i. Were these true ups recorded in the 2018 or 2019 balance in the
18 General Ledger?
19 e. Have all of the 2018 related true-up been reflected in the applicant's DVA
20 Continuity Schedule in this proceeding?
21

22 **NOTL Hydro Reponses**

23 **a. Description of Settlement Process**

24 **Determine Estimated RPP kWh for the reporting month**

25 Actual amounts consumed by RPP customers for the reporting month are not
26 available in the NOTL Hydro billing system at the time that the 1598 submission
27 is due to the IESO. Due to this fact, NOTL Hydro estimates RPP consumption.
28 This process is different for customers that have a smart meter and those that
29 have a conventional meter that requires a manual reading. In an effort to
30 improve the accuracy its 1598 submission estimates, NOTL Hydro implemented
31 the settlement process outlined below beginning in May 2019.

32 **Smart Meters**

33 NOTL Hydro receives a data file from Savage Data, normally on the first
34 business day of the month, that includes account and occupant number,
35 ON/OFF/MID Peak usage as well as total usage for all customers with a non-

1 interval smart meter. NOTL Hydro utilizes data from its NorthStar billing system
2 to filter the data to determine the usage for RPP smart meter customers.

- 3 1. A list of customers that are with a retailer is extracted from the billing system.
4 Customer data from the Savage data file is compared to the list of customers that
5 are active with a retailer. The usage for these customers is not included in the
6 total as they are non-RPP customers.
- 7 2. Customer information for all active accounts is extracted from the billing system.
8 This extract includes account number, occupant code, bill code, and category
9 code. Customers that are not currently assigned the bill code of R1 for
10 residential or C1 for general service less than 50kW are not included in the total.
11 This removes generation accounts and general service greater than 50kW that
12 are included in the Savage data file from the calculations.
- 13 3. Usage for the remaining customers (non-retailer account with a rate class of R1
14 and C1) is summarized by ON/OFF/MID Peak periods.
- 15 4. The amounts derived in step 3 are grossed up by NOTL Hydro's approved loss
16 rate and these are the amounts that are submitted for smart meter usage for the
17 month.

18 To ensure that the process is providing an accurate estimate of the actual
19 consumption for the month, NOTL Hydro extracts data for ON/OFF/MID Peak
20 consumption once all customers have been billed for the month and compares
21 this amount to the estimate submitted. This is normally 2 months after the
22 submission to ensure that any final bills are included in the calculation.

23 **Conventional Meters**

24 NOTL Hydro currently has four bill codes with customers that are charged based
25 on tiered pricing. These include multi-unit residential (B1), farms with residence
26 attached (F1), unmetered scattered load (U1) and streetlights (S1). Estimates for
27 these bill codes are derived as follows:

28 Multi-unit Residential (B1) and Farm with Residence Attached (F1)

- 1 1. Meters for these customers are read manually. This occurs during the last few
2 days of the month and is done internally by NOTL Hydro staff.
- 3 2. Manual reads are entered into the billing system. The billing system applies any
4 multipliers to determine usage.
- 5 3. Accounts are reviewed and any accounts that are actively enrolled with a retailer
6 are excluded from the calculations. Accounts are added or removed from this
7 category based on the current information in the billing system.
- 8 4. NOTL Hydro extracts usage data from the billing system for each customer along
9 with the date of the current read and the previous read. Due to the timing of the
10 meter reads data is not necessarily from the first day of the month to the last day
11 of the month.
- 12 5. Data for each customer is pro-rated based on read dates and Block 1 and Block
13 2 usage are determined.
- 14 6. Block 1 and Block 2 usage amounts are grossed up based on NOTL Hydro's
15 approved loss factor.

16 Unmetered Scattered Load (U1)

- 17 1. Monthly usage for unmetered customers is determined based on their connected
18 load as provided by the customer and verified by NOTL Hydro staff.
- 19 2. Accounts are reviewed and any accounts that are actively enrolled with a retailer
20 are excluded from the calculations. Accounts are added or removed from this
21 category based on the current information in the billing system.
- 22 3. Block 1 and Block 2 usage amounts are grossed up based on NOTL Hydro's
23 approved loss factor.

24 Streetlights

- 25 1. NOTL Hydro utilizes Utilismart Settlement Manager for monthly usage for
26 streetlight customers on tiered pricing.
- 27 2. Accounts are added or removed from this category based on the current
28 information in the billing system.

3. Block 1 and Block 2 usage amounts are grossed up based on NOTL Hydro's approved loss factor.

To ensure that the process is providing an accurate estimate of the actual consumption for the month, NOTL Hydro extracts data for Block 1 and Block 2 consumption once all customers have been billed for the month and compares this amount to the estimate submitted. This is normally 2 months after the submission to ensure that all days of the month and any final bills are included in the calculation

Determine Estimated Weighted Average Price for the reporting Month

NOTL Hydro completed its implementation of Utilismart's Settlement Manager and Energy Manager programs in early 2019. NOTL Hydro utilizes this system for the estimated Weighted Average Price (WAP) for the month for its 1598 submission. The program calculates the WAP by multiplying each hour of IESO usage by the HEOP price for the hour to arrive at the total IESO cost for the month. This total is then divided by the monthly total kWh. NOTL Hydro has verified the estimates provided by Settlement Manager to line 101 of the IESO invoice and the kWh to IESO AQEW (average quantity of energy withdrawn) report.

Table 1: Utilismart Settlement Manager WAP (July 2019)

Bill To: NOTL TSL		utilismart™ CORPORATION		Service Address NOTL TSL	
*** THIS IS NOT A BILL *** PLEASE REFER TO YOUR REGULAR UTILITY BILL FOR ACTUAL CHARGES					
Account # N/A Measured : kWh Energy 22,690,649.1		Meter Number TSL kW Interval Demand : 49,673.9		Billing Period 2019/07/01-2019/07/31 kVA Interval Demand : 49,673.9	
Rate : 101 HOEP				Statement Date 2019/07/31 Utilismart # : 629610	
Item	Charge Type - Description	Billing Quantity	Rate	Charge (Credit)	
Energy Based Charges					
1	Standard Supply Service	22,762,142.18 / kWh	\$0.0226280 / kWh	\$515,083.26	
Notes: Billing Demands are based on Fixed 60 min. Billing Energy Includes a Total Loss of 0.31948%.		Subtotal : \$515,083.26	Tax : \$66,960.82	Total : \$582,044.08	

Table 2: IESO Invoice (for July 2019 usage)

Independent Electricity System Operator PHYSICAL INVOICE		
NIAGARA-ON-THE-LAKE HYDRO INC. P.O. Box 460 8 Henegan Road Virgil, ON L0S 1T0 Canada		Independent Electricity System Operator Station A, Box 4474 Toronto, ON M5W 4E5
		Issue / Re-Issue Date: 15-AUG-2019
		Invoice Date: 15-AUG-2019
Comments: Charges for settlement statements issued: From 01-JUL-2019 To 31-JUL-2019		
Charge Type	Description	Amount
101	NET ENERGY MARKET SETTLEMENT FOR NON-DISPATCHABLE LOAD	\$515,084.58

Table 3: IESO AQEW (for July 2019 usage)

Monthly AQEW and AQEI Report 1 CNF NOTLHYDRO 2019-08-02T08:00:05.074 NOTLHYDRO 104422 2019-07 100289 14474560 108509 8288610
--

NOTL Hydro's total AQEW for the month is the addition of the 2 meter points highlighted in table 3. Total AQEW for July 2019 was 22,763,170 kWh (14,474,560 + 8,288,610).

Table 4 compares the amounts available in Settlement Manager at the time of NOTL Hydro's 1598 submission to the actual amounts from the IESO invoice and AQEW reports for July 2019.

Table 4: Settlement Manager - IESO Comparison (for July 2019 usage)

	Settlement Manager	IESO	Variance	Variance %
Cost of Power	\$515,083.26	\$515,084.58	(\$1.32)	0.0%
Quantity/ AQEW	22,763,142	22,763,170	(28)	0.0%
WAP	\$0.022628	\$0.022628	(\$0.000000)	0.0%

Estimated Global Adjustment for the reporting Month

1 Since the actual Global Adjustment rate for the month is not available at the time
 2 of the submission, the 2nd Estimate of the Global adjustment rates for Class B
 3 customers for the month is used for estimating RPP cost of power. The rate is
 4 obtained from the IESO website.

5 **Table 5: Global Adjustment Estimates (for July 2019 usage)**

Global Adjustment Estimates and Actual Rates											
The 1st, 2nd estimate and actual rates for Class B customers are posted below in MWh.											
2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1st Estimate (\$/MWh)	67.41	96.57	81.05	81.29	128.60	124.44	135.27	72.11			
2nd Estimate (\$/MWh)	83.06	82.36	75.75	124.88	130.49	147.72	88.54				
Actual Rate (\$/MWh)	80.92	88.12	80.41	123.33	126.04	137.28	96.45				

6
 7 **Table 6: Estimated Cost of Power and Global Adjustment Rate for RPP**
 8 **Customers (for July 2019 usage)**

Average Price per kWh	\$0.022628
GA 2nd Estimate per kWh	\$0.088540
Total	\$0.111168

9
 10 **Estimate and Submit RPP Variances**

11 The estimated RPP energy consumption is multiplied by the RPP rates to
 12 estimate the amount NOTL Hydro will receive from RPP customers for the
 13 reporting month.

14 **Table 7: Estimated Revenue for RPP Customers (July 2019)**

	Consumption Estimate	RPP Rates	Revenue
Block 1	282,095	\$0.077	\$21,721
Block 2	262,757	\$0.089	\$23,385
On-Peak	2,863,281	\$0.134	\$383,680
Mid-Peak	2,420,522	\$0.094	\$227,529
Off-Peak	7,981,909	\$0.065	\$518,824
Total RPP	13,810,565		\$1,175,140

The estimated RPP energy consumption is multiplied by the estimated weighted average price and GA 2nd estimate to determine the total cost of power.

Table 8: Estimated Cost of Power and GA RPP Customers

	Consumption Estimate	Estimated WAP	GA 2nd Estimate	Cost per kWh (WAP + GA)	Total Cost
Block 1	282,095	\$0.0226	\$0.0885	\$0.1112	\$31,360
Block 2	262,757	\$0.0226	\$0.0885	\$0.1112	\$29,210
On-Peak	2,863,281	\$0.0226	\$0.0885	\$0.1112	\$318,305
Mid-Peak	2,420,522	\$0.0226	\$0.0885	\$0.1112	\$269,085
Off-Peak	7,981,909	\$0.0226	\$0.0885	\$0.1112	\$887,333
Total RPP	13,810,565				\$1,535,293

The differences between dollars received and cost for each of Block 1 and Block 2 for conventional meters and ON/OFF/MID Peak periods for smart meters are the RPP variances submitted to the IESO in Form 1598.

Table 9: Calculation of 1598 Submission Amount (July 2019)

	Revenue	Cost	Due to / (from) IESO
Block 1	\$21,721	\$31,360	(\$9,639)
Block 2	\$23,385	\$29,210	(\$5,825)
On-Peak	\$383,680	\$318,305	\$65,374
Mid-Peak	\$227,529	\$269,085	(\$41,556)
Off-Peak	\$518,824	\$887,333	(\$368,509)
Total RPP	\$1,175,140	\$1,535,293	(\$360,153)

b. 1598 True-up Process

1 NOTL Hydro implemented a revised monthly true-up process effective August 1,
2 2019. NOTL Hydro trued-up 1598 balances on an annual basis for 2017 and 2018.

- 3 1. NOTL Hydro updates the effective dates of the GA, WAP, ON/OFF/MID Peak,
4 and Block 1 and Block 2 rates on a monthly basis. This allows the data to be
5 easily extracted by consumption month.
- 6 2. NOTL Hydro bills on a monthly calendar basis.
- 7 3. During 2018, NOTL Hydro adjusted its billing schedule so that all customers are
8 billed the month following consumption.
 - 9 a. Customers with a smart meter are billed from the first day of the month to
10 the last day of the month.
 - 11 b. NOTL Hydro currently has approximately 13 RPP customer accounts that
12 have a conventional meter (multi-unit residential and farms with
13 residences attached). Manual reads for the customers may cross over
14 more than 1 calendar month due to the timing of the reads (i.e. January
15 27 – February 27). Best efforts are made to schedule reads as close to
16 the end of the month as possible.
- 17 4. The true-up process is completed once all billings for the reporting period have
18 been processed through the billing system. Due to some conventional meters
19 crossing over months, NOTL Hydro trues-up 2 months following consumption.
20 For example, the May submission was trued-up with the submission for July that
21 was submitted during the first four business days of August. This ensures that all
22 GA charges for the reporting month are included in the calculation. Once the
23 remaining conventional meters are converted to smart meters this true-up will be
24 completed in the month following consumption.
- 25 5. NOTL Hydro extracts monthly data from its Northstar billing system including
26 billed usage, billed amount, and rate for:
 - 27 a. Total Class B GA
 - 28 b. RPP GA (derived from the negate GA stat code)
 - 29 c. ON/OFF/MID Peak and associated WAP
 - 30 d. Block 1 and Block 2 and associated WAP
- 31 6. GA

- 1 a. The total Class B GA Billed less the RPP GA Billed = Non-RPP GA Billed
- 2 b. These amounts are used to determine the proportion of the actual GA
- 3 from line 148 of the IESO invoice. This method is utilized as the total
- 4 class B GA billed to customers will never be exactly equal to the amount
- 5 billed by the IESO due to the differences between the approved loss
- 6 factor and the actual loss factor for the month.
- 7 c. This method ensures that the difference between the approved losses
- 8 and actual losses are shared between RPP and non-RPP customers
- 9 d. Once the RPP GA portion has been calculated, that amount is then
- 10 allocated between ON/OFF/MID Peak and Block 1 and Block 2
- 11 consumption. This calculation is again based on the proportion billed for
- 12 each rate type multiplied by the calculated RPP GA amount.

13 7. Cost of Power

- 14 a. The cost of power for RPP customers is determined by multiplying the
- 15 WAP (from the billing system) by the Actual Billed usage for ON/OFF/MID
- 16 Peak and Block 1 and Block 2 rates.

17 8. Actual Settlement Values are the amounts to be trued-up with the IESO

- 18 9. This process is run monthly, however to ensure that any significant prior period
- 19 billing adjustments are captured, NOTL Hydro extracts year to date data at the
- 20 end of each month and compares it to the amount used to calculate the true-up
- 21 amount. Any differences will be submitted with the December IESO submission.

- 22 a. The actual settlement values are calculated for each rate type as follows:
- 23 Billed Revenue – Cost of Power – Allocated GA

24 10. The difference between the actual settlement values and the estimated

25 settlement values is the true-up amount.

26 c. Yes

- 27 d. NOTL Hydro completed an annual true-up in 2018. The true-up was completed
- 28 and submitted to the IESO with its March 2019 submission

- 29 i. The true-up was recorded in the 2018 General Ledger.

30 e. Yes

31

1 **4. Questions on CT 148**

- 2 a. Please describe the process for the initial recording of CT 148 in the
3 accounts (i.e. 1588 and 1589).
4 b. Please describe the process for true up of the GA related cost to ensure
5 that the amounts reflected in Account 1588 are related to RPP GA costs
6 and amounts in 1589 are related to only non-RPP GA costs.
7 c. What data is used to determine the non-RPP kWh volume that is
8 multiplied with the actual GA per kWh rate (based on CT 148) for
9 recording as the initial GA expense in Account 1589?
10 d. Does the utility true up the initial recording of CT 148 in Accounts 1588
11 and 1589 based on estimated RPP/non-RPP consumption proportions to
12 actuals based on actual RPP-non-RPP consumption proportions?
13 e. Please indicate which months from 2018 were trued up in 2019 for CT 148
14 proportions between RPP and non-RPP
15 i. Were these true ups recorded in the 2018 or 2019 balance in
16 the General Ledger?
17 f. Are all true-ups for 2018 consumption reflected in the DVA Continuity
18 Schedule?

19 •

20 **NOTL Hydro Responses**

- 21 **a.** NOTL Hydro books the entire amount of line 148 to account 4707 Class B Global
22 Adjustment less the amount attributable to RPP customers calculated by multiplying
23 the estimated RPP kWhs by the GA 2nd estimate.
24 **b.** Process to ensure GA amounts related to RPP customers are included in account
25 1588
26 i. The total Class B GA Billed less the RPP GA Billed = Non-RPP GA Billed
27 ii. These amounts are used to determine the proportion of the actual GA
28 from line 148 of the IESO invoice. This method is utilized as the total
29 class B GA billed to customers will never be exactly equal to the amount
30 billed by the IESO due to the differences between the approved loss factor
31 and the actual loss factor for the month.
32 iii. This method ensures that the difference between the approved losses and
33 actual losses are shared between RPP and non-RPP customers
34 iv. The amount calculated is compared to the estimated amount described in
35 the response to part a of this question and the difference is booked as part
36 of the true-up entry.

- 1 c. NOTL Hydro books the entire amount of line 148 to account 4707 GA less the
2 estimated amount attributable to RPP customers as described in the response to
3 question 4a.
4 d. Yes
5 e. NOTL Hydro completed an annual true-up in 2018. The true-up was completed and
6 submitted to the IESO with its March 2019 submission
7 i. The true-up was recorded in the 2018 General Ledger.
8 f. Yes
9

10 5. Questions regarding principal adjustments and reversals on the DVA Continuity
11 Schedule:

12
13 Questions on Principal Adjustments - Accounts 1588 and 1589

- 14 a. Did the applicant have principal adjustments in its 2019 rate proceeding
15 which were approved for disposition?
16 b. If yes, please provide a break-down of the total amount of principal
17 adjustments that were approved (e.g. true-up of unbilled, true up of CT
18 1142, true up of CT 148 etc.) for each of Accounts 1588 and 1589.
19 c. Has the applicant reversed the adjustment approved in 2019 rates in its
20 current proposed amount for disposition?
21 • **NB:** only the principal adjustments amounts that were disposed in the
22 previous proceeding should be reversed in this proceeding. For example,
23 if no amount related to unbilled to billed adjustment for 2018 consumption
24 was included in 2019 proceeding, this amount should not be included as a
25 “reversal” from previous year.
26 d. Please confirm that the allocation of charge type 148 has been trued up to
27 actual proportion of RPP/non-RPP consumption in the GL.

28 NOTL Hydro Reponses

- 29 a. Yes
30 b. Principal adjustments approved in 2019 rates:
31 i. Account 1588
32 • This claim included a principal adjustment \$268,571 comprised of
33 the following:
34 • \$237,386 – Reversal of true-up for unbilled revenue for December
35 2016.

- 1 • \$31,185 - Reversal of the 2015 and 2016 approved adjustments for
2 amounts related to a Notice of Dispute with the IESO. Settlement
3 with the IESO was reached in 2017 and these amounts were
4 transferred to accounts receivable. Settlement funds were received
5 in 2018.
- 6 • Note that December 2017 unbilled revenues were trued-up to
7 actual amounts at year end and no adjustment is required to
8 account for differences in unbilled revenue in 2017.

9 ii. Account 1589

- 10 • This claim included principal adjustment of \$237,237 comprised of
11 the following:
- 12 • (\$231,902) – Reversal of true-up of unbilled revenue for December
13 2016.
- 14 • (\$72,100) – Reversal of adjustment for July 2016 billing error, this
15 amount was returned to the impacted customers in 2017
- 16 • \$498,348 - Reversal of the 2015 and 2016 approved adjustments
17 for amounts related to a Notice of Dispute with the IESO.
18 Settlement with the IESO was reached in 2017 and these amounts
19 were transferred to accounts receivable. Settlement funds were
20 received in 2018.
- 21 • \$42,891 – Adjustment for Generation estimates provided to the
22 IESO from January – April 2017
- 23 • Note that December 2017 unbilled revenues were trued-up to
24 actual amounts at year end and no adjustment is required to
25 account for differences in unbilled revenue in 2017.

26 c. All adjustments to account 1588 and account 1589 approved in 2019 were reversals
27 of previous adjustments with the exception of \$42,891 in account 1589 for generation
28 estimates. The entry for generation estimates was not reversed as this amount is to
29 be settled with the IESO. NOTL Hydro submitted this amount as a prior period true-
30 up with its August 2019 submission.

31 d. Confirmed

APPENDIX

4



Instructions for Tabs 1, 3 to 7

Summary of Changes from the Prior Year	
1	Questions are added to tab 1:
2	Depending on the responses selected in tab 1, the continuity schedule in tab 3 will open to the appropriate year in which utilities are to start inputting DVA balances.
3	Questions that were on tab 3 (regarding Class A customers), tab 6 and 6.2 (regarding year of last disposition for GA and CBR Class B) are moved to tab 1.
4	In the continuity schedule on tab 3, an option on whether Accounts 1588 and 1589 is requested for disposition has been added in column BU.
5	Table 3b in tab 6 is revised to input Class A consumption on a total rate class basis instead of on an individual customer basis. Table 3b pertains to Class A consumption for customers that were Class A for the entire year during the period the balance where Account 1589 GA or Account 1580 CBR Class B accumulated.
6	In tab 4, an option not to request DVA balances for disposition has been added if the threshold test is met.
7	In tab 6.1a, the first table for Allocation of Total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers is modified. Utilities only need to input Non-RPP less WMP consumption for years prior to 2018, as applicable.
8	In tab 6.2a, the first table for Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers is modified. Utilities only need to input Non-RPP less WMP consumption for years prior to 2018, as applicable.

Detailed Instructions for Each Tab

Tab	Tab Details	Step	Details
1 - Information Sheet	This tab shows some information pertaining to the utility and the application.	1	<p>Complete the information sheet.</p> <p>a) Questions 2 to 4 Responses to questions 2 to 4 will open the DVA continuity schedule in tab 3 to the appropriate year that DVA balances should first be inputted.</p> <p>b) Questions 5 and 6 If the response to question 5 (GA) or 6 (CBR Class B) is yes, tab 6 relating to Class A customers' consumption will be generated. If the response to question 6 is yes, then tab 6.2 will also be generated. This tab will allocate and dispose the balance in Account 1580, sub-account CBR Class B through a separate rate rider using information inputted in tab 6, unless a rate rider is not produced. If the response to question 6 is no, then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider.</p>
3 - Continuity Schedule	This tab is the continuity schedule that shows all the accounts and the accumulation of the balances a utility has.	2	<p>Complete the DVA continuity schedule.</p> <p>a) For all Group 1 accounts, except Account 1595: The continuity schedule will open from the year the GL balance was last disposed. Start inputting the approved ending balances in the Adjustments column of that year. <i>For example, if in the 2019 rate application, DVA balances as at December 31, 2017 were approved for disposition, the continuity schedule will commence from 2017. Start by inputting the approved closing 2017 balances in the Adjustments column under 2017.</i></p> <p>b) For all Account 1595 sub-accounts: Complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2018, regardless of whether the account is being requested for disposition in the current application. The continuity schedule will open in the year of the earliest Account 1595 vintage year that has a balance. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). <i>For example, Account 1595 (2015) would accumulate a balance starting in 2015, when the relevant balances approved for disposition were first transferred into Account 1595 (2015). Input the amount approved for disposition in the OEB Approved Disposition column.</i></p> <p>Note that the DVA continuity schedule can currently start from 2013, if a utility has an Account 1595 with a vintage year prior to 2013, then a separate schedule should be provided starting from that vintage year.</p>
4 - Billing Determinant	This tab shows the billing determinants that will be used to allocate account balances and calculate rate riders.	5	<p>Confirm the accuracy of the RRR data used to populate the tab.</p>
6 - Class A Data Consumption	This tab is to be completed if there were any Class A customers at any point during the period the GA balance or CBR Class B accumulated. The data on this tab is used for the purposes of determining the GA rate rider, CBR Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	7	<p>This tab is generated when the utility selects yes to questions 5 or 6 in tab 1, indicating they had Class A customers during the period that the GA or CBR balance accumulated.</p>
6.1a - GA Allocation	This tab allocates the GA balance to each transition customer for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B customers).	8	<p>Under #2a, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated. If yes, tab 6.1a will be generated.</p>
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	9	<p>Under #2b, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR Class B balance accumulated. If yes, tab 6.2a will be generated.</p>
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B).	10	<p>Under #3a, enter the number of transition customers the utility had during the period the Account 1589 GA or Account 1580 CBR Class B balances accumulated. A table will be generated based on the number of customers.</p> <p>Complete the table accordingly for each transition customer identified (i.e. kWh/kW for half year periods, and the customer class during the half year). This data will automatically be used in the GA balance and CBR Class B balance allocation to transition customers in tabs 6.1a and 6.2a respectively. This data will also be used in the calculation of billing determinants for GA and CBR Class B balances, as applicable.</p> <p>Note that each transition customer identified in tab 6, table 3a will be assigned a customer number and the number will correspond to the same transition customer populated in tabs 6.1a and 6.2a.</p> <p>Also note that the transition customers identified for the GA may be different than those for CBR Class B. This would depend on the period in which the GA and CBR Class B balances accumulated.</p>
6.2 - CBR	This tab calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	11	<p>Under #3b, enter the number of rate classes in which there were full year Class A customers during the period the Account 1589 GA balance or Account 1580 CBR Class B balance accumulated. A table will be generated based on the number of rate classes.</p> <p>Complete the table accordingly for each rate class identified (i.e. total Class A consumption in the rate class identified for each year). This data will be used in the calculation of billing determinants for GA and CBR Class B, as applicable.</p>
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B).	12	<p>This tab is generated when the utility indicates that they had transition customers in tab 6, #2a during the period the Account 1589 GA balance accumulated.</p> <p>In row 20, enter the Non-RPP consumption less WMP consumption.</p> <p>The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B GA rate rider as calculated in tab 6.1.</p>
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	13	<p>Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the GA rate riders are calculated accordingly based on whether there were any transition customers during the period that the GA balance accumulated.</p>
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B).	14	<p>This tab is generated when the utility indicates that they had transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated.</p> <p>In row 19, enter the total Class B consumption less WMP consumption.</p> <p>The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the CBR Class B balance to transition customers in the bottom table. All transition customers who are allocated a specific CBR Class B amount are not to be charged the general CBR Class B rate rider.</p>
6.2 - CBR	This tab calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	15	<p>This tab is generated when the response to question 6 in tab 1 is "yes", indicating that they had Class A customers during the period that Account 1580, sub-account CBR Class B balance accumulated.</p> <p>No input is required in this tab. The information in the tab is auto-populated and the CBR Class B rate riders are calculated accordingly. If a rate rider is not produced, the entire Account 1580 CBR Class B balance, including the amount allocated to transition customers will be transferred to Account 1580 WMS, to be disposed through the general Group 1 DVA rate rider.</p>
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances, except GA and CBR Class B (if Class A customers exist).	16	<p>Review the allocated balances to ensure the allocation is appropriate. Note that the final allocation for Account 1580, sub-account CBR Class B is calculated after the completion of tabs 6 to 6.2a.</p>
7 - Calculation of Def-Var RR	This tab calculates the Group 1 rate riders, except for GA and CBR Class B (if Class A customers exist).	16	<p>Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the rate riders are calculated accordingly.</p>

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Quick Link
Ontario Energy Board's 2020 Electricity

Version 2.0

Utility Name	Niagara-on-the-Lake Hydro Inc.
Assigned EB Number	EB-2019-0056
Name of Contact and Title	Jeff Klassen VP Finance
Phone Number	905-468-4235
Email Address	jklassen@nohydro.com
We are applying for rates effective	May-01-20
Rate-Setting Method	Price Cap IR
1. Select the last Cost of Service rebasing year	2019
2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition <i>(e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)</i>	2017
3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition	2017
4. Select the earliest vintage year in which there is a balance in Account 1595 <i>(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)</i>	2016
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	Yes
6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	Yes
7. Retail Transmission Service Rates: Niagara-on-the-Lake Hydro Inc. is:	Transmission Connected
8. Have you transitioned to fully fixed rates?	Yes

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.
- Red cells represents flags to identify either non-matching values or incorrect user selections.
- Pale grey cell represent auto-populated RRR data.
- White cells contain fixed values, automatically generated values or formulae.

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 application, the user remains on the applicant to ensure the accuracy of the data and the results.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Niagara-on-the-Lake Hydro Inc.

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-2018-0056

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.74
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential 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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	39.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0117
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account 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. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	281.65
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.2179)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.5322
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5327
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2812

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004



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Rural or Remote Electricity Rate Protection Charge (RRRP)
Standard Supply Service - Administrative Charge (if applicable)

\$/kWh	0.0005
\$	0.25



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LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,692.18
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.2179)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate	\$/kW	2.5322
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.5327
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2812

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005



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Standard Supply Service - Administrative Charge (if applicable)

\$

0.25



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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.20
Distribution Volumetric Rate	\$/kWh	0.0054
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established by an approved Ontario Energy Board process. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.85
Distribution Volumetric Rate	\$/kW	1.8891
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.2009)
Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	1.9093
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4118

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. 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 changes, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment, and the HST.

MONTHLY RATES AND CHARGES

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.



Ontario Energy Board

Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
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 Global Adjustment and the HST.

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	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)	\$	190.00

Non-Payment of Account (see Note below)

Late payment - per month (effective annual rate 19.5% Current Tariff Schedule compounded daily)	% Issued Month	day Year
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Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Late payment - per annum	%	19.56
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00

Other

Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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 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	\$	40.00
Monthly variable charge, per customer, per retailer	\$/cust.	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.00
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00

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	1.0373
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0275
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		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	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 (2013) ³	1595	0	0		(99)	(99)	0		174		174
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	0		(573)	(573)	0		44,571		44,571
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0			26,240	26,240	0		12,625		12,625
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0			478,579	478,579	0		(5,495)		(5,495)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0			0	0	0		0		0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0			0	0	0		0		0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0				0	0				0
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>											
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	504,147	504,147	0	0	0	51,875	51,875
Total Group 1 Balance		0	0	0	504,147	504,147	0	0	0	51,875	51,875
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		0	0	0	504,147	504,147	0	0	0	51,875	51,875

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

¹ Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

² 1) If the LDC's rate year begins on January 1, 2020, the projected interest is recorded from January 1, 2019 to December 31, 2019 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.
2) If the LDC's rate year begins on May 1, 2020, the projected interest is recorded from January 1, 2019 to April 30, 2020 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.
Select yes in column BU if the sub-account is requested for disposition

⁴ Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year, unless the RPP settlement true-up claim was not reflected as an adjustment in the previously disposed ending account balance. Also see Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, dated February 21, 2019 for further detailed accounting guidance.

⁵ Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2018, the balance must be explained.



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		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 ² 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	0
Smart Metering Entity Charge Variance Account	1551	0			(7,343)	(7,343)				(91)	(91)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(427,608)	(427,608)				(5,661)	(5,661)
Variance WMS – Sub-account CBR Class A ⁵	1580	0			156	156				1	1
Variance WMS – Sub-account CBR Class B ⁵	1580	0			(3,426)	(3,426)				(33)	(33)
RSVA - Retail Transmission Network Charge	1584	0			(67,792)	(67,792)				1,637	1,637
RSVA - Retail Transmission Connection Charge	1586	0			6,408	6,408				469	469
RSVA - Power ⁶	1588	0			309,235	309,235				1,438	1,438
RSVA - Global Adjustment ⁴	1589	0			(464,480)	(464,480)				8,360	8,360
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	(99)	117	18	0	0	174	(114)	59	0	(0)
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	(573)	666	93	0	(0)	44,571	6	44,576	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	26,240	(10)	0	0	26,230	12,625	571	0	0	13,197
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	478,579	(261,987)	0	18,569	235,161	(5,495)	5,421	0	112	39
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	153,848	258,588	0	(104,740)	0	(1,396)	7,940	0	(9,336)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	0	0	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2019) 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	(464,480)	(464,480)	0	0	0	8,360	8,360
Total Group 1 Balance excluding Account 1589 - Global Adjustment		504,147	(107,365)	258,700	(171,801)	(33,718)	51,875	4,488	52,576	(2,128)	1,660
Total Group 1 Balance		504,147	(107,365)	258,700	(636,280)	(498,198)	51,875	4,488	52,576	6,232	10,019
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0					0
Total including Account 1568		504,147	(107,365)	258,700	(636,280)	(498,198)	51,875	4,488	52,576	6,232	10,019

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

1) If the LDC's rate year begins on January 1, 2020, the projected interest is recorded from January 1, 2019 to December 31, 2019 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

2) If the LDC's rate year begins on May 1, 2020, the projected interest is recorded from January 1, 2019 to April 30, 2020 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.
Select yes in column BU if the sub-account is requested for disposition

Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year, unless the RPP settlement true-up claim was not reflected as an adjustment in the previously disposed ending account balance. Also see Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, dated February 21, 2019 for further detailed accounting guidance.

Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2018, the balance must be explained.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	2018									2019			
		Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition during 2019
Group 1 Accounts														
LV Variance Account	1550	0	0	0	0	0	0	0	0	0	0	0	0	
Smart Metering Entity Charge Variance Account	1551	(7,343)	(9,565)	(3,810)	0	(13,098)	(91)	(200)	(77)	0	(214)	(3,533)	(105)	(9,565)
RSVA - Wholesale Market Service Charge ⁵	1580	(427,608)	(26,650)	(223,269)	415	(230,574)	(5,661)	(5,070)	(3,445)	7	(7,279)	(204,338)	(7,500)	(26,236)
Variance WMS – Sub-account CBR Class A ⁵	1580	156	258	0	(415)	0	1	6	0	(7)	0	0	0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(3,426)	(6,540)	(1,625)	0	(8,340)	(33)	(116)	(287)	0	139	(1,800)	208	(6,540)
RSVA - Retail Transmission Network Charge	1584	(67,792)	80,771	(18,609)	0	31,587	1,637	16	(130)	0	1,783	(49,183)	496	80,771
RSVA - Retail Transmission Connection Charge	1586	6,408	16,183	7,272	0	15,319	469	565	299	0	734	(864)	147	16,183
RSVA - Power ⁶	1588	309,235	16,421	178,151	0	147,505	1,438	10,369	(2,008)	0	13,816	131,084	6,836	16,421
RSVA - Global Adjustment ⁴	1589	(464,480)	214,451	(266,088)	0	16,059	8,360	(7,363)	6,923	0	(5,926)	(198,392)	(3,693)	214,451
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0	0	0	0	0	(0)	0	0	0	(0)	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	(0)	0	0	0	(0)	0	0	0	0	0	0	0	(0)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	26,230	(21,362)	26,240	21,372	0	13,197	2,515	13,039	(2,673)	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	235,161	(216,593)	0	(18,569)	0	39	(6,253)	0	(112)	(6,326)	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	(104,740)	106,396	0	0	1,656	(9,336)	9,336	0	0	0	0	0	1,656
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	195,881	301,739	0	(105,858)	0	(2,546)	(14,313)	0	11,767	0	0	(105,858)
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>														
RSVA - Global Adjustment	1589	(464,480)	214,451	(266,088)	0	16,059	8,360	(7,363)	6,923	0	(5,926)	(198,392)	(3,693)	214,451
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(33,718)	135,200	266,088	2,803	(161,803)	1,660	8,622	(6,923)	(2,785)	14,419	(128,635)	81	(33,168)
Total Group 1 Balance		(498,198)	349,651	0	2,803	(145,744)	10,019	1,259	0	(2,785)	8,493	(327,027)	(3,612)	181,283
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	0	0	0	0	0	0	0	0	0	0	0	0
Total including Account 1568		(498,198)	349,651	0	2,803	(145,744)	10,019	1,259	0	(2,785)	8,493	(327,027)	(3,612)	181,283

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

1) If the LDC's rate year begins on January 1, 2020, the projected interest is recorded from January 1, 2019 to December 31, 2019 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

2) If the LDC's rate year begins on May 1, 2020, the projected interest is recorded from January 1, 2019 to April 30, 2020 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.
Select yes in column BU if the sub-account is requested for disposition

Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year, unless the RPP settlement true-up claim was not reflected as an adjustment in the previously disposed ending account balance. Also see Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, dated February 21, 2019 for further detailed accounting guidance.

Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2018, the balance must be explained.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Projected Interest on Dec-31-18 Balances		Total Interest	Total Claim	Account Disposition: Yes/No?	2.1.7 RRR	
			Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 ²	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 ²				As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)
Group 1 Accounts									
LV Variance Account	1550	0	0	0	0	0		0	0
Smart Metering Entity Charge Variance Account	1551	(109)	(215)	(70)	(393)	(9,958)		(13,311)	0
RSVA - Wholesale Market Service Charge ⁵	1580	221	(590)	(191)	(559)	(26,795)		(246,055)	(8,202)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	0	0		422	422
Variance WMS – Sub-account CBR Class B ⁵	1580	(69)	(147)	(48)	(264)	(6,804)		(8,202)	0
RSVA - Retail Transmission Network Charge	1584	1,288	1,815	587	3,690	84,461		33,371	0
RSVA - Retail Transmission Connection Charge	1586	587	364	118	1,068	17,251		16,052	0
RSVA - Power ⁶	1588	6,980	369	119	7,468	23,889	Yes	161,321	0
RSVA - Global Adjustment ⁴	1589	(2,233)	4,820	1,558	4,145	218,596	Yes	(68,420)	(78,553)
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	(0)	0	0	(0)	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	(0)	(0)	(0)	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	0	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	(6,326)	0	0	(6,326)	0	No	(6,326)	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	37	12	49	0	No	1,656	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	11,767	(2,379)	(769)	8,618	0	No	(94,091)	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595	0			0	0	No		0
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>									
RSVA - Global Adjustment	1589	(2,233)	4,820	1,558	4,145	218,596		(68,420)	(78,553)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		14,338	(745)	(241)	13,351	82,045		(147,384)	0
Total Group 1 Balance		12,105	4,074	1,317	17,497	300,641		(215,804)	(78,553)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			0	0		0	0
Total including Account 1568		12,105	4,074	1,317	17,497	300,641		(215,804)	(78,553)

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

1) If the LDC's rate year begins on January 1, 2020, the projected interest is recorded from January 1, 2019 to December 31, 2019 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

2) If the LDC's rate year begins on May 1, 2020, the projected interest is recorded from January 1, 2019 to April 30, 2020 on the December 31, 2018 balances adjusted to remove balances approved for disposition in the 2019 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor. Select yes in column BU if the sub-account is requested for disposition

Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year, unless the RPP settlement true-up claim was not reflected as an adjustment in the previously disposed ending account balance. Also see Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, dated February 21, 2019 for further detailed accounting guidance.

Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2018, the balance must be explained.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

Have you confirmed the accuracy of the data below?

Yes

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS-50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	76,998,170	0	1,614,201	0	0	0	76,998,170	0		7,981
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,619,952	0	5,355,270	0	0	0	42,619,952	0		1,353
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW	85,735,023	208,709	80,234,023	192,733	0	0	85,735,023	208,709		
LARGE USE SERVICE CLASSIFICATION	kW	23,308,825	60,000	23,308,825	60,000	0	0	23,308,825	60,000		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	264,993	0	61,128	0	0	0	264,993	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	856,925	2,389	756,662	2,109	0	0	856,925	2,389		
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0		
Total		229,783,888	271,098	111,330,109	254,842	0	0	229,783,888	271,098	0	9,334

Threshold Test

Total Claim (including Account 1568)

\$300,641

Total Claim for Threshold Test (All Group 1 Accounts)

\$300,641

Threshold Test (Total claim per kWh)²

\$0.0014

Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

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

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

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



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	33.5%	85.5%	33.5%	0	(8,515)	(11,258)	28,302	5,781	8,005	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	18.5%	14.5%	18.5%	0	(1,443)	(6,232)	15,666	3,200	4,431	0
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	37.3%	0.0%	37.3%	0	0	(12,536)	31,513	6,437	8,913	0
LARGE USE SERVICE CLASSIFICATION	10.1%	0.0%	10.1%	0	0	(3,408)	8,568	1,750	2,423	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	0	0	(39)	97	20	28	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	0	0	(125)	315	64	89	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
Total	100.0%	100.0%	100.0%	0	(9,958)	(33,598)	84,461	17,251	23,889	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.



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

1a The year Account 1589 GA was last disposed

1b The year Account 1580 CBR Class B was last disposed

Note that the sub-account was established in 2015.

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 the current year requested for disposition)?

(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 to 2018.)

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 the current year requested for disposition)?

(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 to 2018.)

3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2018	
			January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,729,114	2,928,513
		kW	5,801	6,086
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,485,516	1,560,442
		kW	3,950	3,708
		Class A/B	B	A
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,819,433	1,768,282
		kW	4,752	4,690
		Class A/B	B	A
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,329,206	3,285,729
		kW	6,844	6,538
		Class A/B	B	A
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	8,771,454	2,289,844
		kW	26,029	9,453
		Class A/B	B	A

3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated. Enter the total Class A consumption in the rate class in the table

Rate Classes with Class A Customers - Billing Determinants by Rate Class

Rate Class	2018



centive Rate-setting Mechanism Rate Generator for 2020 Filers

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

2017

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

		Total	2018
Non-RPP Consumption Less WMP Consumption	A	111,330,109	111,330,109
Less Class A Consumption for Partial Year Class A Customers	B	11,633,411	11,633,411
Less Consumption for Full Year Class A Customers	C	-	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	99,696,698	99,696,698
All Class B Consumption for Transition Customers	E	18,334,122	18,334,122
Transition Customers' Portion of Total Consumption	F = E/D	18.39%	

Allocation of Total GA Balance \$

Total GA Balance	G	\$ 218,596
Transition Customers Portion of GA Balance	H=F*G	\$ 40,200
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ 178,397

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		5				
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 2018	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments
Customer 1		2,928,513	2,928,513	15.97%	\$ 6,421	\$ 535
Customer 2		1,485,516	1,485,516	8.10%	\$ 3,257	\$ 271
Customer 3		1,819,433	1,819,433	9.92%	\$ 3,989	\$ 332
Customer 4		3,329,206	3,329,206	18.16%	\$ 7,300	\$ 608
Customer 5		8,771,454	8,771,454	47.84%	\$ 19,232	\$ 1,603
Total		18,334,122	18,334,122	100.00%	\$ 40,200	

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Rate Rider Recovery to be used below

		Total Metered 2018 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2018 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider		
	kWh	kWh	kWh	kWh					
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,614,201	0	0	1,614,201	2.0%	\$3,539	\$0.0022	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	5,355,270	0	0	5,355,270	6.6%	\$11,742	\$0.0022	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	80,234,023	0	29,967,533	50,266,490	61.8%	\$110,215	\$0.0022	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	23,308,825	0	0	23,308,825	28.6%	\$51,107	\$0.0022	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	61,128	0	0	61,128	0.1%	\$134	\$0.0022	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	756,662	0	0	756,662	0.9%	\$1,659	\$0.0022	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
Total		111,330,109	0	29,967,533	81,362,576	100.0%	\$178,396		

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Year Account 1580 CBR Class B was Last Disposed 2017

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

		Total	2018
Total Consumption Less WMP Consumption	A	229,783,888	229,783,888
Less Class A Consumption for Partial Year Class A Customers	B	11,633,411	11,633,411
Less Consumption for Full Year Class A Customers	C	-	-
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	218,150,477	218,150,477
All Class B Consumption for Transition Customers	E	18,334,122	18,334,122
Transition Customers' Portion of Total Consumption	F = E/D	8.40%	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	6,804
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	572
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	6,232

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	5						
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 2018	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments	Revised Monthly Payment	
Customer 1	2,928,513	2,928,513	15.97%	-\$	91	-\$	8 \$ -
Customer 2	1,485,516	1,485,516	8.10%	-\$	46	-\$	4 \$ -
Customer 3	1,819,433	1,819,433	9.92%	-\$	57	-\$	5 \$ -
Customer 4	3,329,206	3,329,206	18.16%	-\$	104	-\$	9 \$ -
Customer 5	8,771,454	8,771,454	47.84%	-\$	274	-\$	23 \$ -
Total	18,334,122	18,334,122	100.00%	-\$	572	-\$	48 \$ -

If the CBR Class B rate rider calculated in tab 6.2 rounds to zero at the fourth decimal place for one or more rate classes, the entire balance in Account 1580 CBR Class B, including the amount allocated to transition customers will be transferred to Account 1580 WMS and disposed through the general purpose Group 1 rate riders

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed 2017

	Total Metered 2018 Consumption Minus WMP		Total Metered 2018 Consumption for Full Year Class A Customers		Total Metered 2018 Consumption for Transition Customers		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
	kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	76,998,170	0	0	0	0	76,998,170	0	38.5%	(\$2,401)	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,619,952	0	0	0	0	42,619,952	0	21.3%	(\$1,329)	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 KW SERVICE CLASSIFICATION	kW	85,735,023	208,709	0	0	29,967,533	77,849	55,767,490	27.9%	(\$1,739)	\$0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kWh	23,308,825	60,000	0	0	0	0	23,308,825	11.7%	(\$727)	\$0.0000	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	264,993	0	0	0	0	264,993	0	0.1%	(\$8)	\$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	856,925	2,389	0	0	0	0	856,925	0.4%	(\$27)	\$0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
Total		229,783,888	271,098	0	0	29,967,533	77,849	199,816,355	100.0%	(\$6,231)	\$0.0000	

If the allocated Account 1580 sub-account CBR Class B amount does not produce a rate rider in one or more rate class (except for the Standby rate class), the model will transfer the entire CBR Class B amount into Account 1580 WMS control account to be disposed through the general purpose Group 1 DVA rate riders.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Input required at cells C13 and C14. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	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	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 for Non-WMP (if applicable) ²			Revenue Reconciliation ¹
								Deferral/Variance Account Rate Rider ²	Account 1568 Rate Rider	Account 1588 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	76,998,170	0	76,998,170	0	22,314		0.0003		0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,619,952	0	42,619,952	0	15,621		0.0004		0.0000	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,735,023	208,709	85,735,023	208,709	34,327		0.1645		0.0000	
LARGE USE SERVICE CLASSIFICATION	kW	23,308,825	60,000	23,308,825	60,000	9,333		0.1555		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	264,993	0	264,993	0	106		0.0004		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	856,925	2,389	856,925	2,389	343		0.1436		0.0000	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000		0.0000	
84,259.12											

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

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



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2019	2020
OEB-Approved Rate Base	\$ 30,456,976	\$ 30,456,976
OEB-Approved Regulatory Taxable Income	\$ 265,180	\$ 265,180
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.5%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 39,777
Provincial Taxes Payable		\$ 30,496
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	\$ 70,273	\$ 70,273
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 70,273	\$ 70,273
Grossed-up Income Taxes	\$ 95,609	\$ 95,609
Incremental Grossed-up Tax Amount		\$ -
Sharing of Tax Amount (50%)		\$ -

Notes

- Regarding the small business deduction, if applicable,
 - If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - If taxable capital is below \$10 million, the small business rate would be applicable.
 - If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.
- The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class	Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	8,152	73,898,698	0	28.74	0.0000	0.0000	2,811,591	0	0	2,811,591	100.0%	0.0%	0.0%	53.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	1,342	41,865,678	0	39.41	0.0117	0.0000	634,501	489,828	0	1,124,329	56.4%	43.6%	0.0%	21.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	131	82,468,049	212,284	281.65	0.0000	2.3574	442,754	0	500,438	943,192	46.9%	0.0%	53.1%	17.9%
LARGE USE SERVICE CLASSIFICATION	kW	1	23,308,825	60,000	3692.18	0.0000	2.3574	44,306	0	141,444	185,750	23.9%	0.0%	76.1%	3.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	26	251,508	0	21.20	0.0054	0.0000	6,614	1,358	0	7,973	83.0%	17.0%	0.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,187	886,616	2,475	7.85	0.0000	1.8891	205,993	0	4,676	210,669	97.8%	0.0%	2.2%	4.0%
STANDBY POWER SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		11,839	222,679,374	274,759				4,145,760	491,187	646,558	5,283,504			100.0%	

Rate Class	Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	76,998,170	0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,619,952	0	0.0000 kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,735,023	208,709	0 0.0000 kW
LARGE USE SERVICE CLASSIFICATION	kW	23,308,825	60,000	0 0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	264,993	0	0 0.0000 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	856,925	2,389	0 0.0000 kW
STANDBY POWER SERVICE CLASSIFICATION	kW			0 0.0000 kW
Total	229,783,888	271,098	\$0	

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	76,998,170	0	1.0373	79,870,202
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	76,998,170	0	1.0373	79,870,202
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	42,619,352	0	1.0373	44,209,676
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	42,619,352	0	1.0373	44,209,676
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5322	41,681,988	118,685		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5327	41,681,988	90,024		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367	44,053,035	113,670		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2612	44,053,035	95,039		For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers.
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5322		0		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.5327		0		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367	23,308,825	60,000		For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers.
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2612	23,308,825	60,000		For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers.
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	264,393	0	1.0373	274,877
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	264,393	0	1.0373	274,877
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9093	856,925	2,389		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4118	856,925	2,389		

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Uniform Transmission Rates		Unit	2018	2019	2019 (July 1 - Dec 31)	2020
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.61	\$ 3.71	\$ 3.83	\$ 3.83
Line Connection Service Rate	kW	\$	0.95	\$ 0.94	\$ 0.96	\$ 0.96
Transformation Connection Service Rate	kW	\$	2.34	\$ 2.25	\$ 2.30	\$ 2.30

Hydro One Sub-Transmission Rates		Unit	2018	2019 (Jan 1 - June 30)	2019 (July 1 - Dec 31)	2020
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.2915	\$ 3.2915
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7877	\$ 0.7877
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.9755	\$ 1.9755
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.7632	\$ 2.7632

If needed, add extra host here. (I)		Unit	2018	2019	2020
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	2018	2019	2020
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 2018	Current 2019	Forecast 2020
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$				

Incentive Rate-setting Mechanism Rate Generator for 2020 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 red, 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 Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	33,640	\$3.61	\$ 121,440	33,640	\$0.95	\$ 31,958	-	\$0.00	\$ -	\$ 31,958
February	29,367	\$3.61	\$ 106,015	30,641	\$0.95	\$ 29,109	-	\$0.00	\$ -	\$ 29,109
March	26,620	\$3.61	\$ 96,098	28,122	\$0.95	\$ 26,716	-	\$0.00	\$ -	\$ 26,716
April	38,625	\$3.61	\$ 139,436	42,869	\$0.95	\$ 40,726	-	\$0.00	\$ -	\$ 40,726
May	38,042	\$3.61	\$ 137,332	45,689	\$0.95	\$ 43,405	-	\$0.00	\$ -	\$ 43,405
June	43,849	\$3.61	\$ 158,295	45,568	\$0.95	\$ 43,290	-	\$0.00	\$ -	\$ 43,290
July	45,772	\$3.61	\$ 165,237	46,407	\$0.95	\$ 44,087	-	\$0.00	\$ -	\$ 44,087
August	48,937	\$3.61	\$ 176,663	48,937	\$0.95	\$ 46,490	-	\$0.00	\$ -	\$ 46,490
September	49,302	\$3.61	\$ 177,980	49,655	\$0.95	\$ 47,172	-	\$0.00	\$ -	\$ 47,172
October	30,791	\$3.61	\$ 111,156	35,353	\$0.95	\$ 33,585	-	\$0.00	\$ -	\$ 33,585
November	31,495	\$3.61	\$ 113,697	33,890	\$0.95	\$ 32,196	-	\$0.00	\$ -	\$ 32,196
December	32,641	\$3.61	\$ 117,834	34,389	\$0.95	\$ 32,670	-	\$0.00	\$ -	\$ 32,670
Total	449,081	\$ 3.61	\$ 1,621,182	475,160	\$ 0.95	\$ 451,402	-	\$ -	\$ -	\$ 451,402

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

Total	Network			Line Connection			Transformation Connection			Total Connection Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	33,640	\$ 3.6100	\$ 121,440	33,640	\$ 0.9500	\$ 31,958	-	\$ -	\$ -	\$ 31,958
February	29,367	\$ 3.6100	\$ 106,015	30,641	\$ 0.9500	\$ 29,109	-	\$ -	\$ -	\$ 29,109
March	26,620	\$ 3.6100	\$ 96,098	28,122	\$ 0.9500	\$ 26,716	-	\$ -	\$ -	\$ 26,716
April	38,625	\$ 3.6100	\$ 139,436	42,869	\$ 0.9500	\$ 40,726	-	\$ -	\$ -	\$ 40,726
May	38,042	\$ 3.6100	\$ 137,332	45,689	\$ 0.9500	\$ 43,405	-	\$ -	\$ -	\$ 43,405
June	43,849	\$ 3.6100	\$ 158,295	45,568	\$ 0.9500	\$ 43,290	-	\$ -	\$ -	\$ 43,290
July	45,772	\$ 3.6100	\$ 165,237	46,407	\$ 0.9500	\$ 44,087	-	\$ -	\$ -	\$ 44,087
August	48,937	\$ 3.6100	\$ 176,663	48,937	\$ 0.9500	\$ 46,490	-	\$ -	\$ -	\$ 46,490
September	49,302	\$ 3.6100	\$ 177,980	49,655	\$ 0.9500	\$ 47,172	-	\$ -	\$ -	\$ 47,172
October	30,791	\$ 3.6100	\$ 111,156	35,353	\$ 0.9500	\$ 33,585	-	\$ -	\$ -	\$ 33,585
November	31,495	\$ 3.6100	\$ 113,697	33,890	\$ 0.9500	\$ 32,196	-	\$ -	\$ -	\$ 32,196
December	32,641	\$ 3.6100	\$ 117,834	34,389	\$ 0.9500	\$ 32,670	-	\$ -	\$ -	\$ 32,670
Total	449,081	\$ 3.61	\$ 1,621,182	475,160	\$ 0.95	\$ 451,402	-	\$ -	\$ -	\$ 451,402

Low Voltage Switchgear Credit (if applicable) \$ -
Total including deduction for Low Voltage Switchgear Credit \$ 451,402

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 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	33,640	\$ 3,7100	\$ 124,804	33,640	\$ 0.9400	\$ 31,622	-	\$ 2,2500	\$ -	\$ 31,622
February	29,367	\$ 3,7100	\$ 108,952	30,641	\$ 0.9400	\$ 28,803	-	\$ 2,2500	\$ -	\$ 28,803
March	26,620	\$ 3,7100	\$ 98,760	28,122	\$ 0.9400	\$ 26,435	-	\$ 2,2500	\$ -	\$ 26,435
April	38,625	\$ 3,7100	\$ 143,299	42,869	\$ 0.9400	\$ 40,297	-	\$ 2,2500	\$ -	\$ 40,297
May	38,042	\$ 3,7100	\$ 141,136	45,689	\$ 0.9400	\$ 42,948	-	\$ 2,2500	\$ -	\$ 42,948
June	43,849	\$ 3,7100	\$ 162,680	45,568	\$ 0.9400	\$ 42,834	-	\$ 2,2500	\$ -	\$ 42,834
July	45,772	\$ 3,8300	\$ 175,307	46,407	\$ 0.9600	\$ 44,551	-	\$ 2,3000	\$ -	\$ 44,551
August	48,937	\$ 3,8300	\$ 187,429	48,937	\$ 0.9600	\$ 46,980	-	\$ 2,3000	\$ -	\$ 46,980
September	49,302	\$ 3,8300	\$ 188,827	49,655	\$ 0.9600	\$ 47,669	-	\$ 2,3000	\$ -	\$ 47,669
October	30,791	\$ 3,8300	\$ 117,930	35,353	\$ 0.9600	\$ 33,939	-	\$ 2,3000	\$ -	\$ 33,939
November	31,495	\$ 3,8300	\$ 120,626	33,890	\$ 0.9600	\$ 32,534	-	\$ 2,3000	\$ -	\$ 32,534
December	32,641	\$ 3,8300	\$ 125,015	34,389	\$ 0.9600	\$ 33,013	-	\$ 2,3000	\$ -	\$ 33,013
Total	449,081	\$ 3.77	\$ 1,694,763	475,160	\$ 0.95	\$ 451,623	-	\$ -	\$ -	\$ 451,623

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	-	\$ 3,2915	\$ -	-	\$ 0.7877	\$ -	-	\$ 1,9755	\$ -	\$ -
August	-	\$ 3,2915	\$ -	-	\$ 0.7877	\$ -	-	\$ 1,9755	\$ -	\$ -
September	-	\$ 3,2915	\$ -	-	\$ 0.7877	\$ -	-	\$ 1,9755	\$ -	\$ -
October	-	\$ 3,2915	\$ -	-	\$ 0.7877	\$ -	-	\$ 1,9755	\$ -	\$ -
November	-	\$ 3,2915	\$ -	-	\$ 0.7877	\$ -	-	\$ 1,9755	\$ -	\$ -
December	-	\$ 3,2915	\$ -	-	\$ 0.7877	\$ -	-	\$ 1,9755	\$ -	\$ -
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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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	33,640	\$ 3,7100	\$ 124,804	33,640	\$ 0.9400	\$ 31,622	-	\$ -	\$ -	\$ 31,622
February	29,367	\$ 3,7100	\$ 108,952	30,641	\$ 0.9400	\$ 28,803	-	\$ -	\$ -	\$ 28,803
March	26,620	\$ 3,7100	\$ 98,760	28,122	\$ 0.9400	\$ 26,435	-	\$ -	\$ -	\$ 26,435
April	38,625	\$ 3,7100	\$ 143,299	42,869	\$ 0.9400	\$ 40,297	-	\$ -	\$ -	\$ 40,297
May	38,042	\$ 3,7100	\$ 141,136	45,689	\$ 0.9400	\$ 42,948	-	\$ -	\$ -	\$ 42,948
June	43,849	\$ 3,7100	\$ 162,680	45,568	\$ 0.9400	\$ 42,834	-	\$ -	\$ -	\$ 42,834
July	45,772	\$ 3,8300	\$ 175,307	46,407	\$ 0.9600	\$ 44,551	-	\$ -	\$ -	\$ 44,551
August	48,937	\$ 3,8300	\$ 187,429	48,937	\$ 0.9600	\$ 46,980	-	\$ -	\$ -	\$ 46,980
September	49,302	\$ 3,8300	\$ 188,827	49,655	\$ 0.9600	\$ 47,669	-	\$ -	\$ -	\$ 47,669
October	30,791	\$ 3,8300	\$ 117,930	35,353	\$ 0.9600	\$ 33,939	-	\$ -	\$ -	\$ 33,939
November	31,495	\$ 3,8300	\$ 120,626	33,890	\$ 0.9600	\$ 32,534	-	\$ -	\$ -	\$ 32,534
December	32,641	\$ 3,8300	\$ 125,015	34,389	\$ 0.9600	\$ 33,013	-	\$ -	\$ -	\$ 33,013
Total	449,081	\$ 3.77	\$ 1,694,763	475,160	\$ 0.95	\$ 451,623	-	\$ -	\$ -	\$ 451,623

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 451,623

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 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	33,640	\$ 3,8300	\$ 128,841	33,640	\$ 0,9600	\$ 32,294	-	\$ 2,3000	\$ -	\$ 32,294
February	29,367	\$ 3,8300	\$ 112,476	30,641	\$ 0,9600	\$ 29,415	-	\$ 2,3000	\$ -	\$ 29,415
March	26,620	\$ 3,8300	\$ 101,955	28,122	\$ 0,9600	\$ 26,997	-	\$ 2,3000	\$ -	\$ 26,997
April	38,625	\$ 3,8300	\$ 147,934	42,869	\$ 0,9600	\$ 41,154	-	\$ 2,3000	\$ -	\$ 41,154
May	38,042	\$ 3,8300	\$ 145,701	45,689	\$ 0,9600	\$ 43,861	-	\$ 2,3000	\$ -	\$ 43,861
June	43,849	\$ 3,8300	\$ 167,942	45,568	\$ 0,9600	\$ 43,745	-	\$ 2,3000	\$ -	\$ 43,745
July	45,772	\$ 3,8300	\$ 175,307	46,407	\$ 0,9600	\$ 44,551	-	\$ 2,3000	\$ -	\$ 44,551
August	48,937	\$ 3,8300	\$ 187,429	48,937	\$ 0,9600	\$ 46,980	-	\$ 2,3000	\$ -	\$ 46,980
September	49,302	\$ 3,8300	\$ 188,827	49,655	\$ 0,9600	\$ 47,669	-	\$ 2,3000	\$ -	\$ 47,669
October	30,791	\$ 3,8300	\$ 117,930	35,353	\$ 0,9600	\$ 33,939	-	\$ 2,3000	\$ -	\$ 33,939
November	31,495	\$ 3,8300	\$ 120,626	33,890	\$ 0,9600	\$ 32,534	-	\$ 2,3000	\$ -	\$ 32,534
December	32,641	\$ 3,8300	\$ 125,015	34,389	\$ 0,9600	\$ 33,013	-	\$ 2,3000	\$ -	\$ 33,013
Total	449,081	\$ 3,83	\$ 1,719,980	475,160	\$ 0,96	\$ 456,154	-	\$ -	\$ -	\$ 456,154

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
February	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
March	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
April	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
May	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
June	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
July	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
August	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
September	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
October	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
November	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
December	-	\$ 3,2915	\$ -	-	\$ 0,7877	\$ -	-	\$ 1,9755	\$ -	\$ -
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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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	33,640	\$ 3,83	\$ 128,841	33,640	\$ 0,96	\$ 32,294	-	\$ -	\$ -	\$ 32,294
February	29,367	\$ 3,83	\$ 112,476	30,641	\$ 0,96	\$ 29,415	-	\$ -	\$ -	\$ 29,415
March	26,620	\$ 3,83	\$ 101,955	28,122	\$ 0,96	\$ 26,997	-	\$ -	\$ -	\$ 26,997
April	38,625	\$ 3,83	\$ 147,934	42,869	\$ 0,96	\$ 41,154	-	\$ -	\$ -	\$ 41,154
May	38,042	\$ 3,83	\$ 145,701	45,689	\$ 0,96	\$ 43,861	-	\$ -	\$ -	\$ 43,861
June	43,849	\$ 3,83	\$ 167,942	45,568	\$ 0,96	\$ 43,745	-	\$ -	\$ -	\$ 43,745
July	45,772	\$ 3,83	\$ 175,307	46,407	\$ 0,96	\$ 44,551	-	\$ -	\$ -	\$ 44,551
August	48,937	\$ 3,83	\$ 187,429	48,937	\$ 0,96	\$ 46,980	-	\$ -	\$ -	\$ 46,980
September	49,302	\$ 3,83	\$ 188,827	49,655	\$ 0,96	\$ 47,669	-	\$ -	\$ -	\$ 47,669
October	30,791	\$ 3,83	\$ 117,930	35,353	\$ 0,96	\$ 33,939	-	\$ -	\$ -	\$ 33,939
November	31,495	\$ 3,83	\$ 120,626	33,890	\$ 0,96	\$ 32,534	-	\$ -	\$ -	\$ 32,534
December	32,641	\$ 3,83	\$ 125,015	34,389	\$ 0,96	\$ 33,013	-	\$ -	\$ -	\$ 33,013
Total	449,081	\$ 3,83	\$ 1,719,980	475,160	\$ 0,96	\$ 456,154	-	\$ -	\$ -	\$ 456,154

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 456,154

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	79,870,202	0	543,117	34.0%	575,537	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	44,209,676	0	274,100	17.1%	290,461	0.0066
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5322		118,685	300,533	18.8%	318,472	2.6834
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367		113,670	311,080	19.5%	329,649	2.9001
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5322		0	0	0.0%	0	0.0000
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367		60,000	164,202	10.3%	174,003	2.9001
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	274,877	0	1,704	0.1%	1,806	0.0066
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9093		2,389	4,561	0.3%	4,834	2.0233

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	0.0016	79,870,202	0	127,792	28.6%	129,246	0.0016
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	44,209,676	0	70,735	15.8%	71,540	0.0016
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5327		90,024	47,956	10.7%	48,501	0.5388
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2812		95,039	121,764	27.3%	123,149	1.2958
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.5327		0	0	0.0%	0	0.0000
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2812		60,000	76,872	17.2%	77,746	1.2958
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	274,877	0	440	0.1%	445	0.0016
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4118		2,389	984	0.2%	995	0.4165

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 %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	79,870,202	0	575,537	34.0%	584,101	0.0073
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	44,209,676	0	290,461	17.1%	294,783	0.0067
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6834		118,685	318,472	18.8%	323,211	2.7233
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9001		113,670	329,649	19.5%	334,554	2.9432
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	0.0000		0	0	0.0%	0	0.0000
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9001		60,000	174,004	10.3%	176,593	2.9432
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	274,877	0	1,806	0.1%	1,833	0.0067
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0233		2,389	4,834	0.3%	4,906	2.0534

Confirm that the correct value is shown in the highlighted cell

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 %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	79,870,202	0	129,246	28.6%	130,543	0.0016
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	44,209,676	0	71,540	15.8%	72,258	0.0016
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5388		90,024	48,501	10.7%	48,988	0.5442
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2958		95,039	123,149	27.3%	124,384	1.3088
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.0000		0	0	0.0%	0	0.0000
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2958		60,000	77,746	17.2%	78,526	1.3088
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	274,877	0	445	0.1%	449	0.0016
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4165		2,389	995	0.2%	1,005	0.4207

Confirm that the correct value is shown in the highlighted cell



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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%
Choose Stretch Factor Group	III	Price Cap Index	0.90%
Associated Stretch Factor Value	0.30%		

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	28.74	0.1656			0.90%	29.17	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	39.41		0.0117		0.90%	39.76	0.0118
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	281.65		2.3574		0.90%	284.18	2.3786
LARGE USE SERVICE CLASSIFICATION	3692.18		2.3574		0.90%	3,725.41	2.3786
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	21.2		0.0054		0.90%	21.39	0.0054
STREET LIGHTING SERVICE CLASSIFICATION	7.85	-0.6038	1.8891	-0.1453	0.90%	7.31	1.7595
STANDBY POWER SERVICE CLASSIFICATION	**				0.90%	**	**
microFIT SERVICE CLASSIFICATION	10					10	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.

**Please note Standby rates will be adjusted for PCI on Sheet 19.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2019	January 1, 2020
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1340

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	36.86
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Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	43.63	1.20%	44.15

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	1.20%	101.20
Monthly fixed charge, per retailer	\$	40.00	1.20%	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.20%	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60	1.20%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)	1.20%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.50	1.20%	0.51
Processing fee, per request, applied to the requesting party	\$	1.00	1.20%	1.01
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.00	1.20%	4.05
Notice of switch letter charge, per letter	\$	2.00	1.20%	2.02

* inflation factor subject to change pending OEB approved inflation rate effective in 2020

** applicable only to LDCs in which the province-wide pole attachment charge applies

*** subject to change pending OEB order on miscellaneous service charges

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

In the Green Cells below, enter all proposed rate riders/rates. Please note that the following rates/charges are to be entered in the Final Tariff Schedule tab: Monthly Service Charge, Distribution Volumetric Rate and Retail Transmission Rates.
 In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".
 In column B, choose the associated unit from the drop-down menu.
 In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.
 In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
 In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-Total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-Total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

LARGE USE SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

STANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

microFIT SERVICE CLASSIFICATION	UNIT	RATE	DATE (EG: April 30, 2020)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

Niagara-on-the-Lake Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0056

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	29.17
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2020
This schedule supersedes and replaces all previously
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EB-2019-0056

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential 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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	39.76
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0118
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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EB-2019-0056

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account 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. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	284.18
Distribution Volumetric Rate	\$/kW	2.3786
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1645
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.7233
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5442
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9432
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.3088

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,725.41
Distribution Volumetric Rate	\$/kW	2.3786
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1555
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate	\$/kW	0.0000
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.0000
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9432
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.3088

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.39
Distribution Volumetric Rate	\$/kWh	0.0054
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established by an approved Ontario Energy Board process. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.31
Distribution Volumetric Rate	\$/kW	1.7595
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1436
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	2.0534
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4207

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Niagara-on-the-Lake Hydro Inc.
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STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. 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 changes, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment, and the HST.

MONTHLY RATES AND CHARGES

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

Niagara-on-the-Lake Hydro Inc.
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EB-2019-0056

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
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.

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	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)	\$	190.00

Non-Payment of Account (see Note below)

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Late payment - per annum	%	19.56
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00

Other

Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.15

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

Niagara-on-the-Lake Hydro Inc.
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EB-2019-0056

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	101.20
Monthly fixed charge, per retailer	\$	40.48
Monthly variable charge, per customer, per retailer	\$/cust.	1.01
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.01
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.05
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00

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	1.0373
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0275
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.74	1	\$ 28.74	\$ 29.17	1	\$ 29.17	\$ 0.43	1.50%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ 0.60	1	\$ 0.60	\$ 0.60	1	\$ 0.60	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 29.34			\$ 29.77	\$ 0.43	1.47%
Line Losses on Cost of Power	\$ 0.0824	28	\$ 2.30	\$ 0.0824	28	\$ 2.30	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0006	750	\$ (0.45)	\$ 0.0003	750	\$ 0.23	\$ 0.68	-150.00%
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)			\$ 31.76			\$ 32.87	\$ 1.11	3.48%
RTSR - Network	\$ 0.0068	778	\$ 5.29	\$ 0.0073	778	\$ 5.68	\$ 0.39	7.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0016	778	\$ 1.24	\$ 0.0016	778	\$ 1.24	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 38.30			\$ 39.79	\$ 1.49	3.90%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	778	\$ 2.65	\$ 0.0034	778	\$ 2.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	778	\$ 0.39	\$ 0.0005	778	\$ 0.39	\$ -	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	\$ 0.1340	135	\$ 18.09	\$ 0.1340	135	\$ 18.09	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 103.35			\$ 104.84	\$ 1.49	1.45%
HST	13%		\$ 13.43	13%		\$ 13.63	\$ 0.19	1.45%
8% Rebate	8%		\$ (8.27)	8%		\$ (8.39)	\$ (0.12)	-
Total Bill on TOU			\$ 108.51			\$ 110.08	\$ 1.57	1.45%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 39.41	1	\$ 39.41	\$ 39.76	1	\$ 39.76	\$ 0.35	0.89%
Distribution Volumetric Rate	\$ 0.0117	2000	\$ 23.40	\$ 0.0118	2000	\$ 23.60	\$ 0.20	0.85%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0010	2000	\$ 2.00	\$ 0.0010	2000	\$ 2.00	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 64.81			\$ 65.36	\$ 0.55	0.85%
Line Losses on Cost of Power	\$ 0.0824	75	\$ 6.14	\$ 0.0824	75	\$ 6.14	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0006	2,000	\$ (1.20)	\$ 0.0004	2,000	\$ 0.80	\$ 2.00	-166.67%
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)			\$ 70.32			\$ 72.87	\$ 2.55	3.63%
RTSR - Network	\$ 0.0062	2,075	\$ 12.86	\$ 0.0067	2,075	\$ 13.90	\$ 1.04	8.06%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0016	2,075	\$ 3.32	\$ 0.0016	2,075	\$ 3.32	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 86.51			\$ 90.09	\$ 3.59	4.15%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,075	\$ 7.05	\$ 0.0034	2,075	\$ 7.05	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,075	\$ 1.04	\$ 0.0005	2,075	\$ 1.04	\$ -	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	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 259.55			\$ 263.13	\$ 3.59	1.38%
HST	13%		\$ 33.74	13%		\$ 34.21	\$ 0.47	1.38%
8% Rebate	8%		\$ (20.76)	8%		\$ (21.05)	\$ (0.29)	-
Total Bill on TOU			\$ 272.52			\$ 276.29	\$ 3.77	1.38%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	52,500	kWh
Demand	135	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 281.65	1	\$ 281.65	\$ 284.18	1	\$ 284.18	\$ 2.53	0.90%
Distribution Volumetric Rate	\$ 2.3574	135	\$ 318.25	\$ 2.3786	135	\$ 321.11	\$ 2.86	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.3351	135	\$ 45.24	\$ 0.3351	135	\$ 45.24	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 645.14			\$ 650.53	\$ 5.39	0.84%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 0.2179	135	\$ (29.42)	\$ 0.1645	135	\$ 22.21	\$ 51.62	-175.49%
CBR Class B Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
GA Rate Riders	\$ 0.0018	52,500	\$ (94.50)	\$ 0.0022	52,500	\$ 115.50	\$ 210.00	-222.22%
Low Voltage Service Charge	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 521.22			\$ 788.24	\$ 267.02	51.23%
RTSR - Network	\$ 2.5322	135	\$ 341.85	\$ 2.7233	135	\$ 367.65	\$ 25.80	7.55%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.5327	135	\$ 71.91	\$ 0.5442	135	\$ 73.47	\$ 1.55	2.16%
Sub-Total C - Delivery (including Sub-Total B)			\$ 934.98			\$ 1,229.35	\$ 294.37	31.48%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	54,458	\$ 185.16	\$ 0.0034	54,458	\$ 185.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	54,458	\$ 27.23	\$ 0.0005	54,458	\$ 27.23	\$ -	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	54,458	\$ 5,995.85	\$ 0.1101	54,458	\$ 5,995.85	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 7,143.47			\$ 7,437.84	\$ 294.37	4.12%
HST		13%	\$ 928.65	13%		\$ 966.92	\$ 38.27	4.12%
Total Bill on Average IESO Wholesale Market Price			\$ 8,072.12			\$ 8,404.76	\$ 332.63	4.12%

In the manager's summary, discuss the reas

Customer Class:	LARGE USE SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	1,942,402 kWh
Demand	5,000 kW
Current Loss Factor	1.0373
Proposed/Approved Loss Factor	1.0373

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3,692.18	1	\$ 3,692.18	\$ 3,725.41	1	\$ 3,725.41	\$ 33.23	0.90%
Distribution Volumetric Rate	\$ 2.3574	5000	\$ 11,787.00	\$ 2.3786	5000	\$ 11,893.00	\$ 106.00	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.2008	5000	\$ 1,004.00	\$ 0.2008	5000	\$ 1,004.00	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 16,483.18			\$ 16,622.41	\$ 139.23	0.84%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.2179	5,000	\$ (1,089.50)	\$ 0.1555	5,000	\$ 777.50	\$ 1,867.00	-171.36%
CBR Class B Rate Riders	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	
GA Rate Riders	\$ 0.0018	1,942,402	\$ (3,496.32)	\$ 0.0022	1,942,402	\$ 4,273.28	\$ 7,769.61	-222.22%
Low Voltage Service Charge	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 11,897.36			\$ 21,673.19	\$ 9,775.84	82.17%
RTSR - Network	\$ 2.7367	5,000	\$ 13,683.50	\$ 2.9437	5,000	\$ 14,718.50	\$ 1,035.00	7.56%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2812	5,000	\$ 6,406.00	\$ 1.3088	5,000	\$ 6,544.00	\$ 138.00	2.15%
Sub-Total C - Delivery (including Sub-Total B)			\$ 31,986.86			\$ 42,935.69	\$ 10,948.84	34.23%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,014,854	\$ 6,850.50	\$ 0.0034	2,014,854	\$ 6,850.50	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,014,854	\$ 1,007.43	\$ 0.0005	2,014,854	\$ 1,007.43	\$ -	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	2,014,854	\$ 221,835.38	\$ 0.1101	2,014,854	\$ 221,835.38	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 261,680.42			\$ 272,629.25	\$ 10,948.84	4.18%
HST	13%		\$ 34,018.45	13%		\$ 35,441.80	\$ 1,423.35	4.18%
Total Bill on Average IESO Wholesale Market Price			\$ 295,698.87			\$ 308,071.06	\$ 12,372.19	4.18%

In the manager's summary, discuss the reas

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	800	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.20	1	\$ 21.20	\$ 21.39	1	\$ 21.39	\$ 0.19	0.90%
Distribution Volumetric Rate	\$ 0.0054	800	\$ 4.32	\$ 0.0054	800	\$ 4.32	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0005	800	\$ 0.40	\$ 0.0005	800	\$ 0.40	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 25.92			\$ 26.11	\$ 0.19	0.73%
Line Losses on Cost of Power	\$ 0.0824	30	\$ 2.46	\$ 0.0824	30	\$ 2.46	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0006	800	\$ (0.48)	\$ 0.0004	800	\$ 0.32	\$ 0.80	-166.67%
CBR Class B Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	-
GA Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	800	\$ -	\$ -	800	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 27.90			\$ 28.89	\$ 0.99	3.55%
RTSR - Network	\$ 0.0062	830	\$ 5.15	\$ 0.0067	830	\$ 5.56	\$ 0.41	8.06%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0016	830	\$ 1.33	\$ 0.0016	830	\$ 1.33	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34.37			\$ 35.77	\$ 1.40	4.09%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	830	\$ 2.82	\$ 0.0034	830	\$ 2.82	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	830	\$ 0.41	\$ 0.0005	830	\$ 0.41	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	520	\$ 33.80	\$ 0.0650	520	\$ 33.80	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	136	\$ 12.78	\$ 0.0940	136	\$ 12.78	\$ -	0.00%
TOU - On Peak	\$ 0.1340	144	\$ 19.30	\$ 0.1340	144	\$ 19.30	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 103.74			\$ 105.14	\$ 1.40	1.35%
HST		13%	\$ 13.49		13%	\$ 13.67	\$ 0.18	1.35%
Total Bill on TOU			\$ 117.22			\$ 118.81	\$ 1.59	1.35%

In the manager's summary, discuss the reas

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	10,150	kWh
Demand	29	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.85	300	\$ 2,355.00	\$ 7.31	300	\$ 2,193.00	\$ (162.00)	-6.88%
Distribution Volumetric Rate	\$ 1.8891	29	\$ 54.78	\$ 1.7595	29	\$ 51.03	\$ (3.76)	-6.86%
Fixed Rate Riders	\$ -	300	\$ -	\$ -	300	\$ -	\$ -	0.00%
Volumetric Rate Riders	\$ 13.3812	29	\$ 388.05	\$ 13.3812	29	\$ 388.05	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 2,797.84			\$ 2,632.08	\$ (165.76)	-5.92%
Line Losses on Cost of Power	\$ 0.0824	379	\$ 31.18	\$ 0.0824	379	\$ 31.18	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.2009	29	\$ (5.83)	\$ 0.1436	29	\$ 4.16	\$ 9.99	-171.48%
CBR Class B Rate Riders	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	
GA Rate Riders	\$ -	10,150	\$ -	\$ -	10,150	\$ -	\$ -	
Low Voltage Service Charge	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 2,823.19			\$ 2,667.42	\$ (155.77)	-5.52%
RTSR - Network	\$ 1.9093	29	\$ 55.37	\$ 2.0534	29	\$ 59.55	\$ 4.18	7.55%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.4118	29	\$ 11.94	\$ 0.4207	29	\$ 12.20	\$ 0.26	2.16%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,890.50			\$ 2,739.17	\$ (151.33)	-5.24%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	10,529	\$ 35.80	\$ 0.0034	10,529	\$ 35.80	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	10,529	\$ 5.26	\$ 0.0005	10,529	\$ 5.26	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	6,598	\$ 428.84	\$ 0.0650	6,598	\$ 428.84	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	1,726	\$ 162.20	\$ 0.0940	1,726	\$ 162.20	\$ -	0.00%
TOU - On Peak	\$ 0.1340	1,827	\$ 244.82	\$ 0.1340	1,827	\$ 244.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 3,767.67			\$ 3,616.33	\$ (151.33)	-4.02%
HST		13%	\$ 489.80		13%	\$ 470.12	\$ (19.67)	-4.02%
Total Bill on TOU			\$ 4,257.46			\$ 4,086.46	\$ (171.00)	-4.02%

In the manager's summary, discuss the reas

Customer Class:	STANDBY POWER SERVICE CLASSIFICATION	
RPP / Non-RPP:	0	
Consumption	-	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
GA Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ -			\$ -	\$ -	
RTSR - Network	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ -			\$ -	\$ -	
Wholesale Market Service Charge (WMSC)	\$ 0.0034	-	\$ -	\$ 0.0034	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	-	\$ -	\$ 0.0005	-	\$ -	\$ -	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	-	\$ -	\$ 0.0650	-	\$ -	\$ -	
TOU - Mid Peak	\$ 0.0940	-	\$ -	\$ 0.0940	-	\$ -	\$ -	
TOU - On Peak	\$ 0.1340	-	\$ -	\$ 0.1340	-	\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Total Bill on TOU			\$ 0.28			\$ 0.28	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 0.28			\$ 0.28	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$ -	0.00%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	325	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.74	1	\$ 28.74	\$ 29.17	1	\$ 29.17	\$ 0.43	1.50%
Distribution Volumetric Rate	\$ -	325	\$ -	\$ -	325	\$ -	\$ -	-
Fixed Rate Riders	\$ 0.60	1	\$ 0.60	\$ 0.60	1	\$ 0.60	\$ -	0.00%
Volumetric Rate Riders	\$ -	325	\$ -	\$ -	325	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 29.34			\$ 29.77	\$ 0.43	1.47%
Line Losses on Cost of Power	\$ 0.0824	12	\$ 1.00	\$ 0.0824	12	\$ 1.00	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0006	325	\$ (0.20)	\$ 0.0003	325	\$ 0.10	\$ 0.29	-150.00%
CBR Class B Rate Riders	\$ -	325	\$ -	\$ -	325	\$ -	\$ -	-
GA Rate Riders	\$ -	325	\$ -	\$ -	325	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	325	\$ -	\$ -	325	\$ -	\$ -	-
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	\$ -	325	\$ -	\$ -	325	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.71			\$ 31.44	\$ 0.72	2.35%
RTSR - Network	\$ 0.0068	337	\$ 2.29	\$ 0.0073	337	\$ 2.46	\$ 0.17	7.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0016	337	\$ 0.54	\$ 0.0016	337	\$ 0.54	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 33.55			\$ 34.44	\$ 0.89	2.66%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	337	\$ 1.15	\$ 0.0034	337	\$ 1.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	337	\$ 0.17	\$ 0.0005	337	\$ 0.17	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	211	\$ 13.73	\$ 0.0650	211	\$ 13.73	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	55	\$ 5.19	\$ 0.0940	55	\$ 5.19	\$ -	0.00%
TOU - On Peak	\$ 0.1340	59	\$ 7.84	\$ 0.1340	59	\$ 7.84	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 61.87			\$ 62.76	\$ 0.89	1.44%
HST	13%		\$ 8.04	13%		\$ 8.16	\$ 0.12	1.44%
8% Rebate	8%		\$ (4.95)	8%		\$ (5.02)	\$ (0.07)	-
Total Bill on TOU			\$ 64.97			\$ 65.90	\$ 0.94	1.44%

In the manager's summary, discuss the reas

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.74	1	\$ 28.74	\$ 29.17	1	\$ 29.17	\$ 0.43	1.50%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ 0.60	1	\$ 0.60	\$ 0.60	1	\$ 0.60	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 29.34			\$ 29.77	\$ 0.43	1.47%
Line Losses on Cost of Power	\$ 0.1101	28	\$ 3.08	\$ 0.1101	28	\$ 3.08	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0006	750	\$ (0.45)	\$ 0.0003	750	\$ 0.23	\$ 0.68	-150.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	-\$ 0.0018	750	\$ (1.35)	\$ 0.0022	750	\$ 1.65	\$ 3.00	-222.22%
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)			\$ 31.19			\$ 35.30	\$ 4.11	13.16%
RTSR - Network	\$ 0.0068	778	\$ 5.29	\$ 0.0073	778	\$ 5.68	\$ 0.39	7.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0016	778	\$ 1.24	\$ 0.0016	778	\$ 1.24	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 37.73			\$ 42.22	\$ 4.49	11.91%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	778	\$ 2.65	\$ 0.0034	778	\$ 2.65	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	778	\$ 0.39	\$ 0.0005	778	\$ 0.39	\$ -	0.00%
Standard Supply Service Charge	\$ -		\$ -	\$ -		\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 123.33			\$ 127.83	\$ 4.49	3.64%
HST		13%	\$ 16.03		13%	\$ 16.62	\$ 0.58	3.64%
8% Rebate		8%			8%			
Total Bill on Non-RPP Avg. Price			\$ 139.37			\$ 144.45	\$ 5.08	3.64%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 39.41	1	\$ 39.41	\$ 39.76	1	\$ 39.76	\$ 0.35	0.89%
Distribution Volumetric Rate	\$ 0.0117	2000	\$ 23.40	\$ 0.0118	2000	\$ 23.60	\$ 0.20	0.85%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0010	2000	\$ 2.00	\$ 0.0010	2000	\$ 2.00	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 64.81			\$ 65.36	\$ 0.55	0.85%
Line Losses on Cost of Power	\$ 0.1101	75	\$ 8.21	\$ 0.1101	75	\$ 8.21	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0006	2,000	\$ (1.20)	\$ 0.0004	2,000	\$ 0.80	\$ 2.00	-166.67%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	-\$ 0.0018	2,000	\$ (3.60)	\$ 0.0022	2,000	\$ 4.40	\$ 8.00	-222.22%
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)			\$ 68.79			\$ 79.34	\$ 10.55	15.34%
RTSR - Network	\$ 0.0062	2,075	\$ 12.86	\$ 0.0067	2,075	\$ 13.90	\$ 1.04	8.06%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0016	2,075	\$ 3.32	\$ 0.0016	2,075	\$ 3.32	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 84.98			\$ 96.56	\$ 11.59	13.64%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,075	\$ 7.05	\$ 0.0034	2,075	\$ 7.05	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,075	\$ 1.04	\$ 0.0005	2,075	\$ 1.04	\$ -	0.00%
Standard Supply Service Charge	\$ -		\$ -	\$ -		\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 313.27			\$ 324.85	\$ 11.59	3.70%
HST		13%	\$ 40.72		13%	\$ 42.23	\$ 1.51	3.70%
8% Rebate		8%			8%			
Total Bill on Non-RPP Avg. Price			\$ 353.99			\$ 367.08	\$ 13.09	3.70%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	52,500	kWh
Demand	135	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 281.65	1	\$ 281.65	\$ 284.18	1	\$ 284.18	\$ 2.53	0.90%
Distribution Volumetric Rate	\$ 2.3574	135	\$ 318.25	\$ 2.3786	135	\$ 321.11	\$ 2.86	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.3351	135	\$ 45.24	\$ 0.3351	135	\$ 45.24	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 645.14			\$ 650.53	\$ 5.39	0.84%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 0.2179	135	\$ (29.42)	\$ 0.1645	135	\$ 22.21	\$ 51.62	-175.49%
CBR Class B Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
GA Rate Riders	\$ 0.0018	52,500	\$ (94.50)	\$ 0.0022	52,500	\$ 115.50	\$ 210.00	-222.22%
Low Voltage Service Charge	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 521.22			\$ 788.24	\$ 267.02	51.23%
RTSR - Network	\$ 2.5322	135	\$ 341.85	\$ 2.7233	135	\$ 367.65	\$ 25.80	7.55%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.5327	135	\$ 71.91	\$ 0.5442	135	\$ 73.47	\$ 1.55	2.16%
Sub-Total C - Delivery (including Sub-Total B)			\$ 934.98			\$ 1,229.35	\$ 294.37	31.48%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	54,458	\$ 185.16	\$ 0.0034	54,458	\$ 185.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	54,458	\$ 27.23	\$ 0.0005	54,458	\$ 27.23	\$ -	0.00%
Standard Supply Service Charge	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Non-RPP Retailer Avg. Price	\$ 0.1101	54,458	\$ 5,995.85	\$ 0.1101	54,458	\$ 5,995.85	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 7,143.22			\$ 7,437.59	\$ 294.37	4.12%
HST		13%	\$ 928.62	13%		\$ 966.89	\$ 38.27	4.12%
Total Bill on Non-RPP Avg. Price			\$ 8,071.84			\$ 8,404.48	\$ 332.63	4.12%

In the manager's summary, discuss the reas

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	10,150 kWh
Demand	29 kW
Current Loss Factor	1.0373
Proposed/Approved Loss Factor	1.0373

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.85	300	\$ 2,355.00	\$ 7.31	300	\$ 2,193.00	\$ (162.00)	-6.88%
Distribution Volumetric Rate	\$ 1.8891	29	\$ 54.78	\$ 1.7595	29	\$ 51.03	\$ (3.76)	-6.86%
Fixed Rate Riders	\$ -	300	\$ -	\$ -	300	\$ -	\$ -	-
Volumetric Rate Riders	\$ 13.3812	29	\$ 388.05	\$ 13.3812	29	\$ 388.05	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 2,797.84			\$ 2,632.08	\$ (165.76)	-5.92%
Line Losses on Cost of Power	\$ 0.1101	379	\$ 41.68	\$ 0.1101	379	\$ 41.68	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.2009	29	\$ (5.83)	\$ 0.1436	29	\$ 4.16	\$ 9.99	-171.48%
CBR Class B Rate Riders	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	-
GA Rate Riders	\$ 0.0018	10,150	\$ (18.27)	\$ 0.0022	10,150	\$ 22.33	\$ 40.60	-222.22%
Low Voltage Service Charge	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 2,815.43			\$ 2,700.26	\$ (115.17)	-4.09%
RTSR - Network	\$ 1.9093	29	\$ 55.37	\$ 2.0534	29	\$ 59.55	\$ 4.18	7.55%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.4118	29	\$ 11.94	\$ 0.4207	29	\$ 12.20	\$ 0.26	2.16%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,882.74			\$ 2,772.01	\$ (110.73)	-3.84%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	10,529	\$ 35.80	\$ 0.0034	10,529	\$ 35.80	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	10,529	\$ 5.26	\$ 0.0005	10,529	\$ 5.26	\$ -	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	10,150	\$ 1,117.52	\$ 0.1101	10,150	\$ 1,117.52	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 4,041.56			\$ 3,930.83	\$ (110.73)	-2.74%
HST	13%		\$ 525.40	13%		\$ 511.01	\$ (14.40)	-2.74%
Total Bill on Average IESO Wholesale Market Price			\$ 4,566.97			\$ 4,441.84	\$ (125.13)	-2.74%

In the manager's summary, discuss the reas

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	Interval
Consumption	52,500	kWh
Demand	135	kW
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 281.65	1	\$ 281.65	\$ 284.18	1	\$ 284.18	\$ 2.53	0.90%
Distribution Volumetric Rate	\$ 2.3574	135	\$ 318.25	\$ 2.3786	135	\$ 321.11	\$ 2.86	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.3351	135	\$ 45.24	\$ 0.3351	135	\$ 45.24	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 645.14			\$ 650.53	\$ 5.39	0.84%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 0.2179	135	\$ (29.42)	\$ 0.1645	135	\$ 22.21	\$ 51.62	-175.49%
CBR Class B Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
GA Rate Riders	\$ 0.0018	52,500	\$ (94.50)	\$ 0.0022	52,500	\$ 115.50	\$ 210.00	-222.22%
Low Voltage Service Charge	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	135	\$ -	\$ -	135	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 521.22			\$ 788.24	\$ 267.02	51.23%
RTSR - Network	\$ 2.7367	135	\$ 369.45	\$ 2.9432	135	\$ 397.33	\$ 27.88	7.55%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.2812	135	\$ 172.96	\$ 1.3088	135	\$ 176.69	\$ 3.73	2.15%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,063.64			\$ 1,362.26	\$ 298.62	28.08%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	54,458	\$ 185.16	\$ 0.0034	54,458	\$ 185.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	54,458	\$ 27.23	\$ 0.0005	54,458	\$ 27.23	\$ -	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	54,458	\$ 5,995.85	\$ 0.1101	54,458	\$ 5,995.85	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 7,272.13			\$ 7,570.75	\$ 298.62	4.11%
HST		13%	\$ 945.38		13%	\$ 984.20	\$ 38.82	4.11%
Total Bill on Average IESO Wholesale Market Price			\$ 8,217.50			\$ 8,554.94	\$ 337.44	4.11%

In the manager's summary, discuss the reas

Customer Class: Add additional scenarios if required

RPP / Non-RPP: _____

Consumption: _____ kWh

Demand: _____ kW

Current Loss Factor: _____

Proposed/Approved Loss Factor: _____

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge		1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate		0	\$ -		0	\$ -	\$ -	
Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Volumetric Rate Riders		0	\$ -		0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders		-	\$ -		-	\$ -	\$ -	
CBR Class B Rate Riders		-	\$ -		-	\$ -	\$ -	
GA Rate Riders		-	\$ -		-	\$ -	\$ -	
Low Voltage Service Charge		-	\$ -		-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders		1	\$ -		1	\$ -	\$ -	
Additional Volumetric Rate Riders		-	\$ -		-	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ -			\$ -	\$ -	
RTSR - Network		-	\$ -		-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection		-	\$ -		-	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ -			\$ -	\$ -	
Wholesale Market Service Charge (WMSC)	\$ 0.0034	-	\$ -	\$ 0.0034	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	-	\$ -	\$ 0.0005	-	\$ -	\$ -	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	-	\$ -	\$ 0.0650	-	\$ -	\$ -	
TOU - Mid Peak	\$ 0.0940	-	\$ -	\$ 0.0940	-	\$ -	\$ -	
TOU - On Peak	\$ 0.1340	-	\$ -	\$ 0.1340	-	\$ -	\$ -	
Non-RPP Retailer Avg. Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on TOU (before Taxes)			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%		\$ (0.02)	8%		\$ (0.02)	\$ -	
Total Bill on TOU			\$ 0.26			\$ 0.26	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 0.28			\$ 0.28	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
8% Rebate	8%		\$ -	8%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$ -	0.00%

APPENDIX

5





Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

Utility Name	Niagara-on-the-Lake Hydro Inc.
Assigned EB Number	EB-2019-0056
Name and Title of Contact	Jeff Klassen VP Finance
Phone Number	905-468-4235
Email Address	jklassen@notlhydro.com
Last COS Re-based Year	2019

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.



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

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2. Table of Contents
3. Re-Based Bill Det & Rates
4. Removal of Rate Adders
5. Re-Based Rev From Rates
6. Decision Cost Revenue Adj
7. Revenue Offsets Allocation
8. Transformer Allowance
9. R C Ratio Revenue
10. Proposed R C Ratio Adj
11. Proposed Revenue
12. Proposed F V Rev Alloc
13. Proposed F V Rates
14. Adjust To Proposed Rates



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your most current Tariff of Rates and Charges.

Rate Class	Fixed Metric	Vol Metric	Re-based Billed			Current Tariff	Current Tariff	Current Tariff
			Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW
			A	B	C	D	E	F
RESIDENTIAL SERVICE CLASSIFICATION	Customers	kWh	8,152	73,898,698	0	28.7400	0.0000	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Customers	kWh	1,342	41,865,678	0	39.4100	0.0117	0.0000
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Customers	kW	131	82,468,049	212,284	281.6500	0.0000	2.3574
LARGE USE SERVICE CLASSIFICATION	Customers	kW	1	23,308,825	60,000	#####	0.0000	2.3574
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Customers	kWh	26	251,508		21.2000	0.0054	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	Connections	kW	2,187	886,616	2,475	7.8500	0.0000	1.8891



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to remove any rate adders included in current rates. Most applicants will not need to make an entry on this sheet.

Rate Class	Current Tariff Service Charge A	Current Tariff Distribution Volumetric Rate kWh B	Current Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Distribution Volumetric kWh Rate Adders E	Distribution Volumetric kW Rate Adders F
RESIDENTIAL SERVICE CLASSIFICATION	28.74	0.0000	0.0000			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	39.41	0.0117	0.0000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	281.65	0.0000	2.3574			
LARGE USE SERVICE CLASSIFICATION	3,692.18	0.0000	2.3574			
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	21.20	0.0054	0.0000			
STREET LIGHTING SERVICE CLASSIFICATION	7.85	0.0000	1.8891			



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to calculate current revenue from rate classes.

Rate Class	Re-based Billed Customers	Re-based Billed kWh	Re-based Billed kW	Current Base Service Charge	Current Base Distribution Volumetric Rate kWh	Current Base Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates
	A	B	C	D	E	F	G = A * D * 12	H = B * E	I = C * F	J = G + H + I
RESIDENTIAL SERVICE CLASSIFICATION	8,152	73,898,698	0	28.74	0.0000	0.0000	2,811,591	0	0	2,811,591
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	1,342	41,865,678	0	39.41	0.0117	0.0000	634,501	489,828	0	1,124,329
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	131	82,468,049	212,284	281.65	0.0000	2.3574	442,754	0	500,438	943,191
LARGE USE SERVICE CLASSIFICATION	1	23,308,825	60,000	3,692.18	0.0000	2.3574	44,306	0	141,444	185,750
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	26	251,508	0	21.20	0.0054	0.0000	6,614	1,358	0	7,973
STREET LIGHTING SERVICE CLASSIFICATION	2,187	886,616	2,475	7.85	0.0000	1.8891	205,993	0	4,675	210,668
							<u>4,145,760</u>	<u>491,187</u>	<u>646,557</u>	<u>5,283,503</u>



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to enter the Revenue Cost Ratios as determined from column G on Sheet "10. Proposed R C Ratio Adj" of the applicant's 2020 Revenue to Cost Ratio Adjustment Workform (V1.3) or latest COS Decision and Order.

Under the column labeled "Direction", the applicant can choose "No Change" (i.e. no change in that rate class ratio), "Change" (i.e. the OEB ordered change from COS decision) or "Rebalance" (i.e. to apply any offset adjustments required).

Rate Class	Direction	Current	Transition	Transition	Transition	Transition	Transition
		Year 2019	Year 1 2020	Year 2 2021	Year 3 2022	Year 4 2023	Year 5 2024
RESIDENTIAL SERVICE CLASSIFICATION	Change	91.06%	91.58%	91.58%	91.58%	91.58%	91.58%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	No Change	109.91%	109.91%	109.91%	109.91%	109.91%	109.91%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	No Change	116.84%	116.84%	116.84%	116.84%	116.84%	116.84%
LARGE USE SERVICE CLASSIFICATION	No Change	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	No Change	114.68%	114.68%	114.68%	114.68%	114.68%	114.68%
STREET LIGHTING SERVICE CLASSIFICATION	Change	130.00%	120.00%	120.00%	120.00%	120.00%	120.00%



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue, cell F47) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing	Percentage Split	Allocated Revenue
	Revenue Offsets		Offsets
	A	C= A / B	E = D * C
RESIDENTIAL SERVICE CLASSIFICATION	304,721	63.16%	-
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	86,387	17.91%	-
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	63,343	13.13%	-
LARGE USE SERVICE CLASSIFICATION	10,303	2.14%	-
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	756	0.16%	-
STREET LIGHTING SERVICE CLASSIFICATION	16,938	3.51%	-
	482,448	100.00%	
	B		D

Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to remove the transformer allowance from volumetric rates. In Cell E47, enter your Transformer Allowance as per your 2019 Revenue to Cost Ratio Adjustment Workform (V1.0) or your last CoS Decision. Under the column labeled "Transformer Allowance in Rates" select "Yes" if included in that rate class or "No" if not included. Once selected, apply the update button to reveal input cells in which you can enter the number of kW's and the transformer rate for each rate class.

Rate Class	Transformer			Volumetric Distribution Rate F	Billed kW's G	Adjusted Volumetric Distribution Rate I = (F * (G - C) + (F - E) * C) / G	
	Allowance In Rate	Transformer Allowance A	Transformer Allowance kW's C				Transformer Allowance Rate E
RESIDENTIAL SERVICE CLASSIFICATION	No						
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	No						
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Yes	(11,086)	19,797	(0.5600)	2.3574	212,284	2.4096
LARGE USE SERVICE CLASSIFICATION	Yes	(33,600)	60,000	(0.5600)	2.3574	60,000	2.9174
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	No						
STREET LIGHTING SERVICE CLASSIFICATION	No						
		<u>44,686</u>	<u>79,797</u>			<u>272,284</u>	
		B	D			H	



Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

The purpose of this sheet is to calculate revenue by rate class that includes Revenue Offsets and excludes Transformer Allowance prior to Revenue Cost Ratio Adjustment re-allocation.

Rate Class	Billed Customers or Connections			Base Service Charge	Base Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Revenue Requirement from Rates
	A	B	C	D	E	F	G = A * D * 12	H = B * E	I = C * F	J = G + H + I
	Connections	Billed kWh	Billed kW							
RESIDENTIAL SERVICE CLASSIFICATION	8,152	73,898,698	0	28.74	0.0000	0.0000	2,811,591	0	0	2,811,591
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	1,342	41,865,678	0	39.41	0.0117	0.0000	634,501	489,828	0	1,124,329
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	131	82,468,049	212,284	281.65	0.0000	2.4096	442,754	0	511,524	954,277
LARGE USE SERVICE CLASSIFICATION	1	23,308,825	60,000	3,692.18	0.0000	2.9174	44,306	0	175,044	219,350
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	26	251,508	0	21.20	0.0054	0.0000	6,614	1,358	0	7,973
STREET LIGHTING SERVICE CLASSIFICATION	2,187	886,616	2,475	7.85	0.0000	1.8891	205,993	0	4,675	210,668
							<u>4,145,760</u>	<u>491,187</u>	<u>691,243</u>	<u>5,328,189</u>

Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

Proposed Revenue Cost Ratio Adjustment

This worksheet adjusts revenue-to-cost ratios in order to address any shortfall or over recovery (Out of Balance) that would result from implementing the revenue-to-cost ratios entered on sheet "6. Decision Cost Revenue Adj". To do this, one or more rate classes must indicate "Rebalance" on sheet 6.

There are three options for attributing any Out of Balance to rate classes.

1. To adjust a single rate class so that the entire Out of Balance is absorbed by that rate class, select the green cell for the rate class under "Proposed Revenue to Cost Ratio" labelled Column D. To use this option, click the button "Iterate
2. To apportion the Out of Balance across all green cells such that all green cells are increased by the same amount relative to Column B. To use this option, click the button "Iterate All Equal Percentage Change."
3. To apportion the Out of Balance such that each class is allocated the Out of Balance in proportion to its share of the allocated costs in Column C. To use this option, click the button "Iterate All Proportionate Change."

Rate Class	Current Revenue			Proposed Revenue Cost	Final Adjusted	Dollar Change	Percentage Change
	Adjusted Revenue A	Cost Ratio B	Re-Allocated Cost C = A / B	Ratio D	Revenue E = C * D		
RESIDENTIAL SERVICE CLASSIFICATION	\$ 2,811,591	0.91	\$ 3,087,662	0.92	\$ 2,827,796	\$ 16,205	0.6%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 1,124,329	1.10	\$ 1,022,955	1.10	\$ 1,124,329	-\$ 0	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	\$ 954,277	1.17	\$ 816,739	1.17	\$ 954,277	\$ 0	0.0%
LARGE USE SERVICE CLASSIFICATION	\$ 219,350	1.00	\$ 219,350	1.00	\$ 219,350	\$ -	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ 7,973	1.15	\$ 6,952	1.15	\$ 7,973	\$ 0	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	\$ 210,668	1.30	\$ 162,053	1.20	\$ 194,463	-\$ 16,205	-7.7%
	<u>\$ 5,328,189</u>		<u>\$ 5,315,710</u>		<u>\$ 5,328,189</u>	<u>-\$ 0</u>	<u>0.0%</u>

Out of Balance -

Final ?

Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

Proposed Revenue from Revenue Cost Ratio Adjustment

Rate Class	Adjusted Revenue By Revenue Cost Ratio A	Allocated Re-Based Revenue Offsets B	Revenue Requirement from Rates Before Transformer Allowance C = A - B	Re-based Transformer Allowance D	Revenue Requirement from Rates E = C + D
RESIDENTIAL SERVICE CLASSIFICATION	\$ 2,827,796	\$ -	\$ 2,827,796	\$ -	\$ 2,827,796
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 1,124,329	\$ -	\$ 1,124,329	\$ -	\$ 1,124,329
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	\$ 954,277	\$ -	\$ 954,277	-\$ 11,086	\$ 943,191
LARGE USE SERVICE CLASSIFICATION	\$ 219,350	\$ -	\$ 219,350	-\$ 33,600	\$ 185,750
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ 7,973	\$ -	\$ 7,973	\$ -	\$ 7,973
STREET LIGHTING SERVICE CLASSIFICATION	\$ 194,463	\$ -	\$ 194,463	\$ -	\$ 194,463
	<u>\$ 5,328,189</u>	<u>\$ -</u>	<u>\$ 5,328,189</u>	<u>-\$ 44,686</u>	<u>\$ 5,283,503</u>

Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

Proposed fixed and variable revenue allocation

Rate Class	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates by Rate Class
	A	B	C	D	E = A * B	F = A * C	G = A * D	H = E + F + G
RESIDENTIAL SERVICE CLASSIFICATION	\$ 2,827,796	100.0%	0.0%	0.0%	\$ 2,827,796	\$ -	\$ -	\$ 2,827,796
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 1,124,329	56.4%	43.6%	0.0%	\$ 634,501	\$ 489,828	\$ -	\$ 1,124,329
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	\$ 943,191	46.9%	0.0%	53.1%	\$ 442,754	\$ -	\$ 500,438	\$ 943,191
LARGE USE SERVICE CLASSIFICATION	\$ 185,750	23.9%	0.0%	76.1%	\$ 44,306	\$ -	\$ 141,444	\$ 185,750
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ 7,973	83.0%	17.0%	0.0%	\$ 6,614	\$ 1,358	\$ -	\$ 7,973
STREET LIGHTING SERVICE CLASSIFICATION	\$ 194,463	97.8%	0.0%	2.2%	\$ 190,148	\$ -	\$ 4,315	\$ 194,463
	<u>\$ 5,283,503</u>				<u>\$ 4,146,119</u>	<u>\$ 491,187</u>	<u>\$ 646,197</u>	<u>\$ 5,283,503</u>

Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

Proposed fixed and variable rates

Rate Class	Service Charge Revenue	Distribution Rate Revenue kWh	Volumetric Distribution Rate Revenue kW	Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Proposed Base Service Charge	Proposed Base Distribution Volumetric Rate kWh	Proposed Base Distribution Volumetric Rate kW
	A	B	C	D	E	F	G = A / D / 12	H = B / E	I = C / F
RESIDENTIAL SERVICE CLASSIFICATION	##### \$	-	\$ -	8,152	73,898,698	0	28.91	-	-
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 634,501	\$ 489,828	\$ -	1,342	41,865,678	0	39.41	0.0117	-
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	\$ 442,754	-	\$ 500,438	131	82,468,049	212,284	281.65	-	2.3574
LARGE USE SERVICE CLASSIFICATION	\$ 44,306	-	\$ 141,444	1	23,308,825	60,000	3,692.18	-	2.3574
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ 6,614	\$ 1,358	\$ -	26	251,508	0	21.20	0.0054	-
STREET LIGHTING SERVICE CLASSIFICATION	\$ 190,148	\$ -	\$ 4,315	2,187	886,616	2,475	7.25	-	1.7438

Revenue to Cost Ratio Adjustment Model for 2020 IRM Filers

Proposed adjustments to Base Service Charge and Distribution Volumetric Rate. Enter the adjustments found in column M and N below into Tab 16 of the 2020 IRM Rate Generator Model.

Rate Class	Proposed Base		Proposed Base		Current Base		Current Base		Adjustment Required Base Service Charge	Adjustment Required Base Distribution Volumetric Rate kWh	Adjustment Required Base Distribution Volumetric Rate kW
	Proposed Base Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Current Base Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Adjustment Required Base Service Charge	Adjustment Required Base Distribution Volumetric Rate kWh			
	A	B	C	D	E	F	G = A - D	H = B - E	I = C - F		
RESIDENTIAL SERVICE CLASSIFICATION	\$ 28.91	\$ -	\$ -	\$ 28.74	\$ -	\$ -	\$ 0.17	\$ -	\$ -		
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	\$ 39.41	\$ 0.0117	\$ -	\$ 39.41	\$ 0.0117	\$ -	\$ -	\$ -	\$ -		
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	\$ 281.65	\$ -	\$ 2.3574	\$ 281.65	\$ -	\$ 2.3574	\$ -	\$ -	\$ -		
LARGE USE SERVICE CLASSIFICATION	\$ 3,692.18	\$ -	\$ 2.3574	\$ 3,692.18	\$ -	\$ 2.3574	\$ -	\$ -	\$ -		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	\$ 21.20	\$ 0.0054	\$ -	\$ 21.20	\$ 0.0054	\$ -	\$ -	\$ -	\$ -		
STREET LIGHTING SERVICE CLASSIFICATION	\$ 7.25	\$ -	\$ 1.7438	\$ 7.85	\$ -	\$ 1.8891	-\$ 0.60	\$ -	\$ 0.1453		