

## **An Application**

Ву

**Canadian Niagara Power Inc.** 

**To Adjust** 

**Electricity Distribution Rates** 

Effective January 1, 2018

EB-2017-0031

Submitted: August 14, 2017

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**ONTARIO ENERGY BOARD** 

IN THE MATTER OF the Ontario Energy Board Act,

1998, C. S.O. 1998, c.15 (Sched. B);

**AND IN THE MATTER OF** an Application by Canadian

Niagara Power Inc. for an Order or Orders pursuant to

Section 78 of the Ontario Energy Board Act, 1998

approving or fixing just and reasonable rates and other

service charges for the distribution of electricity.

**APPLICATION** 

1. The applicant is Canadian Niagara Power Inc. ("CNPI" or the "Applicant"), a

wholly-owned subsidiary of FortisOntario Inc. ("FortisOntario"). The Applicant,

an Ontario corporation with its head office in Fort Erie, Ontario, carries on the

business of owning and operating electricity distribution facilities within Ontario;

Electricity Distribution Licence # ED-2002-0572. The Applicant carries on its

distribution business in the following three service territories: Fort Erie, Port

Colborne and Gananoque.

2. CNPI hereby applies to the Ontario Energy Board (the "Board" or the "OEB"),

pursuant to section 78 of the Ontario Energy Board Act, 1998 as amended (the

"OEB Act") for an Order or Orders approving its proposed electricity distribution

rates and other charges, effective January 1, 2018.

3. Effective January 1, 2017 in the matter of EB-2016-0061, CNPI's last cost of

service review, the Board approved electricity distribution rates for CNPI's

electricity distribution customers.

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In its Decision and Procedural Order No. 3, EB-2016-0061, dated January 5, 2017, the Board approved a partial settlement agreement that included harmonized deferral and variance accounts for CNPI's three service territories. With the exception of the Debt Retirement Charge, which does not appear on CNPI's rate tariffs, all rates and rate riders are consistent for all three of CNPI's service territories as of May 1, 2017 (the implementation date of the Final Rate Order in EB-2016-0061). Accordingly, this Application includes a single set of IRM models and a single proposed Tariff of Rates and Charges, applicable to all service territories.

- 5. CNPI is seeking approval for electricity distribution rates using the OEB's 2018 IRM Rate Generator Model. CNPI confirms that it has worked with OEB staff to make any necessary adjustments to pre-populated values, and that the billing determinants in the models as filed are accurate.
- 6. In this Application, CNPI is applying to the Board to change the amount it charges for the delivery of electricity as follows:
  - A Residential RPP customer consuming 750 kWh per month would experience a total bill increase of \$3.17 or 2.6%
  - A small general service RPP customer consuming 2000 kWh would experience a total bill increase of \$10.24 or 3.5%
- 7. The persons affected by this Application are the ratepayers of CNPI's Fort Erie, Port Colborne and Gananoque service territories. It is impractical to set out their names and addresses because they are too numerous.
- 8. The Applicant confirms that the application and related documents will be published on its website (www.cnpower.com)
- 9. The Applicant requests that, pursuant to Section 34.01 of the OEB's *Rules of Practice and Procedure*, this proceeding be conducted by way of written hearing.

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10. The Applicant requests that a copy of all documents filed with the OEB in this proceeding be served on the Applicant as follows:

Greg Beharriell, P.Eng. Manager, Regulatory Affairs Canadian Niagara Power Inc. 1130 Bertie St. P.O. Box 1218 Fort Erie, ON L2A 5Y2

Phone: (905) 871-0330 x3278

Email Address: regulatoryaffairs@fortisontario.com

- 11. In addition to the written evidence provided herein, the following live Microsoft Excel models have been filed in conjunction with the Application:
  - 2018 IRM Rate Generator Model V1.0\_CNPI\_20170814.xlsb
  - GA\_Analysis\_Workform\_20170724\_CNPI\_20170814.xlsx

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#### MANAGER'S SUMMARY

#### **PREAMBLE**

CNPI has complied with Chapter 3, Incentive Rate Setting Applications, of the Board's Filing Requirements for Distribution Rate Applications – 2017 Edition for 2018 Rate Applications, dated July 20, 2017 (the "Filing Requirements"), in preparing this Application. All rates referenced in this Manager's Summary and included in the accompanying 2018 Proposed Tariff of Rates and Charges are based on the output of the OEB's 2018 IRM Rate Generator Model – Version 1.0, as posted on the OEB website July 21, 2017 (the "2018 IRM Model" or the "Model"). Any changes to the values prepopulated in the 2018 IRM Model were made in consultation with OEB staff and are described herein.

In past IRM applications, CNPI has submitted three versions of most OEB models and tariffs, one for each of its Fort Erie, Port Colborne and Gananoque service territories. Pursuant to the Settlement Agreement approved in EB-2012-0112, CNPI's 2013 cost of service application, distribution rates were harmonized in the three service areas effective January 1, 2016. Further, pursuant to the Settlement Agreement approved in EB-2016-0061, CNPI's 2017 cost of service application, all deferral and variance accounts and corresponding rate riders were harmonized with the implementation of 2017 rates, and a single Tariff of Rates and Charges was approved for all three service areas. Accordingly, CNPI has filed a single set of OEB models, and a single proposed Tariff of Rates and Charges for rates effective January 1, 2018.

The following table summarizes CNPI's 2018 proposed distribution rates, as compared to 2017 approved rates. The proposed 2018 rates reflect the 2018 Price Cap Adjustment as well as the 2018 adjustment for transition to fixed residential rates.

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Table 1 – Distribution Rate Summary

	Current		_	Current Iumetric	Price Cap	Pr	oposed	oposed umetric
Rate Class		MFC		harge	Index	- 1 -		 harge
Residential	\$	27.72	\$	0.0122	1.45%	\$	30.78	\$ 0.0082
General Service Less Than 50 kW	\$	30.02	\$	0.0244	1.45%	\$	30.46	\$ 0.0248
General Service 50 TO 4,999 KW	\$	161.31	\$	7.0854	1.45%	\$	163.65	\$ 7.1881
Embedded Distributor	\$	580.48	\$	8.1509	1.45%	\$	588.90	\$ 8.2691
Unmetered Scattered Load	\$	47.33	\$	0.0257	1.45%	\$	48.02	\$ 0.0261
Standby Power	\$	-	\$	1.1676	N/A	\$	-	\$ 1.1845
Sentinel Lighting	\$	5.41	\$	6.2695	1.45%	\$	5.49	\$ 6.3604
Street Lighting	\$	3.89	\$	8.4588	1.45%	\$	3.95	\$ 8.5815
microFIT	\$	5.40	\$	-	N/A	\$	5.40	\$ -

#### **ELEMENTS OF THE APPLICATION**

In this 2018 4<sup>th</sup> Generation Incentive Rate-setting Application, CNPI has included discussion of the items listed below. For ease of reference, the relevant section of the Filing Requirements is included in parentheses where applicable.

- The price cap adjustment for 2018 distribution rates (3.2.1)
- Residential rate design transition (3.2.3)
- Retail Transmission Service Rates (3.2.4)
- Review and disposition of Group 1 DVA balances (3.2.5)
- Bill Impacts

For greater clarity, CNPI has not included in this Application any claims, changes, requests or proposals in relation to any of the following items:

- Revenue-to-cost ratio adjustments (3.2.2)
- LRAM variance account (3.2.6)
- Tax changes (3.2.7)
- Z-factor claims (3.2.8)
- Advanced Capital Module (3.3.1)
- Incremental Capital Module (3.3.2)
- 'Eligible Investments' (3.3.3)

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PRICE CAP ADJUSTMENT

CNPI is submitting this Application with a placeholder price cap adjustment of 1.45%.

This is based on the 2017 rate-setting parameters; an inflation factor of 1.9%, a

productivity factor of 0.0%, and a stretch factor of 0.45%. CNPI acknowledges that the

Board will update the 2018 IRM Model to reflect the 2018 price cap parameters, once

available.

RESIDENTIAL RATE DESIGN TRANSITION

On April 2, 2015, the Board issued the Board Policy, "A New Residential Rate Design for

Residential Electricity Customers", EB-2012-0410. Under this policy, electricity

distributors are to structure residential rates so that all the costs for distribution service

are collected through a fixed monthly charge.

Starting with its 2016 IRM application (EB-2015-0058), CNPI began transitioning its rate

design for residential customers toward fully fixed rates. In its 2017 cost of service

application (EB-2016-0061), CNPI proposed adding a fifth transition year (i.e. extending

the transition to fully fixed rates from 2019 to 2020) in order to mitigate total bill impacts

for residential customers at CNPI's 10<sup>th</sup> percentile of consumption. This proposal was

approved as part of the Settlement Agreement in EB-2016-0061, and is reflected in

CNPI's 2018 Rate Model by entering 5 years at cell H13 on Tab 16 of the Model.

The customer and load data used in Tab 16 of the 2018 IRM Model is the Board

Approved customer and load forecast from CNPI's last cost of service proceeding; EB-

2016-0061. The resulting incremental fixed charge of \$2.62 per month is within the

Board's policy guideline of \$4.00 per annum.

CNPI has determined, based on 2016 data, that 10% of its residential customers

consume 210 kWh or less on a monthly basis. To determine this level of consumption at

the tenth percentile, CNPI used a full data set of all customers with a complete twelve

month billing cycle for the period of January 1 to December 31, 2016. This data set was

exported from CNPI's billing system to Excel format and sorted on the basis of the total

consumption for the year in descending order. Using Excel's percentile function, the

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twelve month consumption at the tenth percentile was 2527 kWh per year or 210 kWh per month.

The total bill impact for a residential customer consuming 210 kWh per month is \$1.58, or 2.8%, which is below the threshold requiring mitigation.

#### RETAIL TRANSMISSION SERVICE RATES ("RTSR")

CNPI has proposed Retail Transmission Service Rates ("RTSR") compliant with the Board's Guideline G-2008-0001, Revision 4.0, and dated June 28, 2012. CNPI has calculated proposed RTSR rates using the relevant tabs within the 2018 IRM Model. An electronic version of the Model has been filed with this Application, and a print version of the Model has been provided in Schedule "B" to this Application.

The proposed RTSR effective January 1, 2018 are shown below.

Table 2 – RTSR Summary

Service Classification	2017 Board	2018	UOM
Oct vice Glassification	Approved	Proposed	OOW
Residential			
Retail Transmission Rate - Network Service Rate	0.0067	0.0068	per kWh
Retail Transmission Rate - Line and Conection Service Rate	0.0057	0.0056	per kWh
<u>GS&lt;50</u>			
Retail Transmission Rate - Network Service Rate	0.0057	0.0057	per kWh
Retail Transmission Rate - Line and Conection Service Rate	0.0049	0.0048	per kWh
<u>GS&gt;50</u>			
Retail Transmission Rate - Network Service Rate	2.4230	2.4415	per kW
Retail Transmission Rate - Line and Conection Service Rate	2.0556	2.0078	per kW
Embedded Distributor			
Retail Transmission Rate - Network Service Rate	2.4230	2.4415	per kW
Retail Transmission Rate - Line and Conection Service Rate	2.0556	2.0078	per kW
Unmetered Scattered Load			
Retail Transmission Rate - Network Service Rate	0.0060	0.0060	per kWh
Retail Transmission Rate - Line and Conection Service Rate	0.0050	0.0049	per kWh
Sentinel Lights			
Retail Transmission Rate - Network Service Rate	2.0649	2.0806	per kW
Retail Transmission Rate - Line and Conection Service Rate	1.6775	1.6385	per kW
Street Lighting			
Retail Transmission Rate - Network Service Rate	1.7934	1.8071	per kW
Retail Transmission Rate - Line and Conection Service Rate	1.5684	1.5320	per kW

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#### REVIEW AND DISPOSITION OF GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In accordance with the Filing Requirements, CNPI has populated the relevant Group 1 Deferral and Variance Accounts ("DVA") tabs within the 2018 IRM Model. A print version of the Model is provided in Schedule "B" to this Application.

In the table below, the threshold test using the Group 1 Sub-Total (including Account 1589 - Global Adjustment) yields a value of \$0.0002 per kWh which does not exceed the threshold set out in Chapter 3.

Table 3 – Threshold Test

32,792 55,821
•
•
•
55,821
0.0042 Threshold exceeded
94, 193)
16,668
0.0125) Threshold exceeded
38,598
55,821
0.0002 Threshold not exceeded
8

Although the threshold test for the Group 1 Sub-Total has not been exceeded, CNPI is requesting disposition of its Group 1 accounts due to the following considerations:

- The threshold test using the Group 1 balance excluding RSVA Global Adjustment balance yields a value of \$0.0042 per kWh which does exceed the threshold
- The threshold test using the RSVA Global Adjustment balance yields a value of (\$0.0125) per kWh which does exceed the threshold

Based on the above considerations, CNPI is requesting disposition of its Group 1 accounts within this Application.

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The following table details the reconciliation of the DVA Workform with CNPI RRR filings as at December 31, 2016.

#### Table 4 – Reconciliation of DVA Workform to RRR Filings

Explanation of Variances Between 2.1.7 RRR Filing and DVA WorkForm Canadian Niagara Power Inc.

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Balances as at December 31, 2016

Balances as at December 31, 2016		· ·		
Group 1 Accounts	Account Number	Per DVA Work Form	Per 2.1.7 Filing	Difference
LV Variance Account	1550	95,075	95,075	(0)
Smart Metering Entity Charge Variance	1551	(4,057)	(10,908)	6,851
RSVA - Wholesale Market Service Charge (exclude CBR below)	1580	(1,403,592)	(1,331,995)	(71,597)
Variance WMS – Sub-account CBR Class A	1580	-	-	-
Variance WMS – Sub-account CBR Class B	1580	71,597	71,597	-
RSVA - Retail Transmission Network Charge	1584	(303,830)	(303,830)	(0)
RSVA - Retail Transmission Connection Charge	1586	(117,940)	(117,940)	0
RSVA - Power (excluding Global Adjustment)	1588	2,050,865	(371,311)	2,422,176
RSVA - Global Adjustment	1589	(690,468)	1,348,690	(2,039,158)
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	(15,366)	(15,366)	-
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	- 1	-	-
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	(135,876)	(135,876)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	320,069	320,069	- ` ´
		(133,523)	(451,795)	318,272

#### Notes:

- A Difference relates to residual balance in OEB 1555 Smart Meter Capital and Recovery Offset Variance Sub-Account Stranded Meter Costs. In E9 T1 S2 of CNPl's COS (EB-2016-0061), this residual balance was allocated to OEB 1551 Smart Metering Entity Charge Variance Account in the DVA continuity schedule to appropriately allocate the residual balance between the Residential and GS<50 kW rate classes. The approved balance is included in the 'Principal and Interest Disposition during 2017 instructed by OEB' columns of the current IRM DVA schedule being submitted.
- B Balance in 2.1.7 filing includes CBR Class B balance which is reported separately in DVA Work Form.
- C Difference relates to former Form 1598 IESO Fixed Priced Adjustment ("FPA") and microFit and FIT 2016 true-ups that were performed in August 2017 and recorded in the continuity schedule in the 'Other 1 Adjustments during Q4 2016' column. Also, given the 1 month IESO submission lag noted in Application narrative, an additional adjustment relating to December 2016 consumption billed in January 2017 and submitted on former Form 1598 IESO FPA in January 2017 is recorded in the continuity schedule in the 'Other 1 Adjustments during Q4 2016' column.

	Differences Explained
2016 FPA true-up	206,069
2016 MicroFit + FIT true-up	(92,892)
December 2016 consumption submitted on former Form 1598 IESO FPA submission	2,308,998
	2,422,176
Perabove	2,422,176
Unexplained difference	-

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Difference relates to former Form 1598 IESO Global Adjustment ("GA") true-ups for 2016 that were performed in August 2017 and recorded in the continuity schedule in 'Other 1 Adjustments during Q4 2016.' Also, given the 1 month IESO submission lag noted in the Application narrative, an additional adjustment relating to December 2016 consumption billed in January 2017 and submitted on former Form 1598 IESO GA in January 2017 is recorded in the continuity schedule in the 'Other 1 Adjustments during Q4 2016' column. A 3rd adjustment has been recorded that quantifies the difference in the December 2016 IESO/Hydro One invoice accrued using the 2nd GA estimate and the actual billed amount (charge type 148 on IESO bill and Global Adjustment Volumetric on Hydro One bill for Gananoque).

	Differences Explained
2016 GA true-up	(202,692)
December 2016 consumption submitted on former Form 1598 IESO GA submission	(2,244,467)
December 2016 IESO/Hydro One GA Accrual vs IESO/Hydro One GA Actual	408,000
	(2,039,158)
Perabove	(2,039,158)
Unexplained difference	-

- E 1595 (2013) residual balance relates to PILS rate rider recovery approved in 2013 CoS (EB-2012-0112) which expired December 31, 2016. Therefore, this balance will be requested for disposition in CNPI's 2019 IRM proceeding.
- F 1595 (2015) balance relates to Group 1 rate riders approved in 2015 IRM (EB-2014-0061) which expired December 31, 2016. Therefore, this balance will be requested for disposition in CNPI's 2019 IRM proceeding.
- G 1595 (2016) balance relates to Group 1 rate riders approved in 2016 IRM (EB-2015-0058) which will expire December 31, 2017. Therefore, this balance will be requested for disposition in CNPI's 2020 IRM proceeding.

#### **Adjustments to DVA Balances**

CNPI has not made any material adjustments to DVA balances that were previously approved by the Board on a final basis in both CoS and IRM proceedings (i.e. balances that were adjusted subsequent to the balance sheet date that were cleared in the most recent rates proceeding). Occasionally, immaterial adjustments to a previously approved 1595 recovery account may be made in the event that there is a billing correction posted subsequent to the request and approval received for disposition of that account. That adjustment is then moved to another 1595 recovery account and is requested for disposition in a subsequent proceeding. CNPI is not aware of any adjustments that have been made to previously approved 1595 recovery accounts, in DVA balances sought for disposition within this proceeding.

#### **Global Adjustment**

CNPI had both Class A and Class B customers throughout the period requested for disposition within this Application. Therefore, the relevant tabs have been completed within the 2018 IRM Model to ensure appropriate allocation of Group 1 DVA balances and calculation of rate riders.

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In accordance with the Filing Requirements, CNPI has completed the GA Analysis

Workform, as posted on the OEB website version dated July 24, 2017. An electronic

copy of the Workform has been filed in conjunction with this Application, and a print

version of the Workform has been provided in Schedule "C" to this Application.

Unexplained discrepancies are within the +/- 1% threshold of total annual IESO GA

charges.

**Description of Settlement Process with the IESO** 

Although the settlement process with the IESO has remained unchanged from CNPI's

2017 CoS Application (EB-2016-0061), the process has been provided below for ease of

reference.

Billing of Class A and B Customers

Customers (both Class A and B) are billed on a one month billing lag (i.e. January

consumption would be billed to customers in February). Class B non-RPP customers

are billed using the 2<sup>nd</sup> GA estimate. Class A customers are billed using their peak

demand factor (PDF) multiplied by the actual total monthly Global Adjustment published

by the IESO. Since the IESO bills based on the same methodology, the amount billed to

Class A customers is equal to the amount charged by the IESO for Class A Global

Adjustment (charge type 147). A monthly check is done to ensure that the amount billed

to Class A customers equals the amount billed by the IESO for Class A Global

Adjustment. Since this is the case, there will be no variance created for Global

Adjustment for Class A customers within OEB account 1589.

CNPI served two Class A customers throughout 2016, and one additional customer

became Class A effective July 1, 2016. Therefore, a portion of the residual OEB

account 1589 balance being requested for disposition within this Application should be

applied to the one customer that transitioned to Class A during 2016. This has been

reflected in the 2018 IRM Model submitted with this Application.

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Unbilled Accrual Class A and B Customers

Unbilled accruals are posted to CNPI's accounting records on a monthly basis, and are

reversed the following month. RPP customers are accrued using the applicable TOU

and RPP prices that are in effect. For non-RPP customers, due to the timing in which

the unbilled reports are run in the system, the 1st GA estimate is used for all non-interval

customers. For interval customers, the 2<sup>nd</sup> GA estimate is used.

RPP Tiered & TOU Customers and the IESO Settlement Process (Hydro One as Host

Distributor for Gananoque region):

Given the one month billing lag discussed above, IESO settlements submitted to the

IESO (via Hydro One for Gananoque region) are also filed with a 1 month lag. For

example, the February IESO settlement submission (due by fourth business day in

March) would be based on January consumption values and inputs. Consumption values

for RPP tiered and TOU customers are obtained from the accounting system by running

detailed reports that pull relevant information from actual customer billings during the

period. Specific consumption value dates are entered before the report is run to ensure

the appropriate consumption values are included in the output of the report. The

consumption values are input in an excel spreadsheet for use in the settlements

computation (see below). In addition, inputs for the weighted average energy price

(obtained from an independent 3<sup>rd</sup> party database and includes embedded generation

prices), the final Global Adjustment rate (published by OEB), RPP tiered electricity prices

and TOU electricity prices (published by the OEB) are also entered into the

aforementioned spreadsheet. All of these inputs are also based on a 1 month lag so that

consumption values are consistent with all inputs.

Using these inputs and consumption values for RPP and TOU customers, the following

two sets of computations are completed:

1. The difference between the weighted average energy price and the RPP tiered

and TOU pricing is multiplied by the applicable RPP and TOU consumption

values (referred to as the Fixed Price Adjustment "FPA" variance). This variance

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is treated as a payable back to the IESO and is recorded in OEB account 1588.

The accounting entry consists of a debit to OEB account 1588 and a credit

payable to the IESO.

2. The final Global Adjustment rate is multiplied by the RPP and TOU consumption

values to determine the amount receivable from the IESO (referred to as the

Global Adjustment "GA" variance). This credit is recorded in OEB account 1589.

The accounting entry consists of a debit receivable from the IESO and a credit to

OEB account 1589.

The net of the above two calculations, along with the consumption values and number of

customers is reported in the applicable tiers/buckets on the Former 1598 IESO

settlements submission form. Submissions are done on a monthly basis.

True-ups are completed on an annual basis in conjunction with the preparation of IRM

and/or CoS proceedings. All consumption values are re-run out of the accounting

system and all inputs are re-entered to ensure no typographical errors were made or to

account for any changes in externally provided inputs (weighted average energy price,

final Global Adjustment rate). Any differences that arise as a result of the true-ups are

typically due to billing corrections (i.e. consumption value changes) that have occurred

after the original IESO settlement submissions were submitted. The true-up amounts are

reported as Other Adjustments on the DVA Workform for IRM and/or CoS proceedings

in the year in which it relates to.

Based on the above process in place, any residual balance that remains in OEB account

1589 at the end of the reporting period would not be attributed to RPP (tiered and TOU)

customers; rather the residual balances should be allocated to non-RPP Class B

customers.

Final Variance Settlement Amount:

In addition to the Fixed Price Adjustment and the Global Adjustment variances, the final

RPP variance settlement amount is also filed on the Former 1598 IESO settlements form

submission. Detailed reports are run out of the accounting system that compile final

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customer billings in which final RPP variance settlement amounts have been assessed

for those RPP customers that have left / opted out of RPP pricing.

**Certification of Evidence** 

A certification has been provided in Schedule "A" to this Application.

Capacity Based Recovery (CBR)

CNPI has followed the accounting guidance on disposition of CBR variances. The

relevant tabs have been completed within the 2018 IRM Model to ensure appropriate

allocation of the CBR balance being request for disposition within this Application.

**Disposition of DVA Balances** 

CNPI has used the same allocation methodology as used in previous proceedings to

assign Group 1 balances to its rate classes.

In consideration of the recommendation outlined the Filing Requirements along with

assessing bill impacts, CNPI has proposed a one year disposition period. Rate rider

calculations can be found in the electronic copy of the 2018 IRM Model that has been

submitted with this Application. A print version of the Model has been provided in

Schedule "B" to this Application.

BILL IMPACT SUMMARY

A summary of total bill impacts is provided in Table 5 below. Further detail on these bill

impacts can be found at Tab 20 in the electronic copy of the 2018 IRM Model that has

been submitted with this Application. A print version of the Model has been provided in

Schedule "B" to this Application.

The as-filed 2018 IRM Model uses a rate of \$0.0070/kWh for the DRC charge input on

Tab 19. In addition to being the provincial default DRC rate, this is the rate applicable to

many CNPI customers located in the Port Colborne service territory.

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For completeness, CNPI has provided Tables 6 and 7 below, which provide the same bill impact summaries using the DRC rates of \$0.0000/kWh (Fort Erie) and \$0.0051/kWh (Gananoque). Tables 6 and 7 do not include the Embedded Distributor or Standby rate classes as there are currently no accounts in these rate classes in either the Fort Erie or Gananoque service territories.

Table 5 – Summary of Bill Impacts – Port Colborne

						Total Bill																																													
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Consumption (kWh)	(kW)	2017												1							1																		1							2018	0	Change 20	17 to 2018	
(eg. Residential 100, Residential Retailer)	(KWII)	(KVV)				2010		\$ %																																											
Residential - TOU - 10th percentile	210		\$	57.06	\$	58.65	\$	1.59	2.8%																																										
Residential - TOU - OEB Typical	750	-	\$	120.61	\$	123.78	\$	3.17	2.6%																																										
General Service Less Than 50 kW - TOU	2,000	-	\$	311.12	\$	321.36	\$	10.24	3.3%																																										
General Service 50 to 4,999 kW - Non-RPP	20,000	60	\$	3,990.97	\$	3,734.18	\$	(256.79)	-6.4%																																										
Embedded Distributor - Non-RPP	433,813	1,160	\$8	83,147.80	\$	76,560.46	\$ (	(6,587.34)	-7.9%																																										
Unmetered Scattered Load - TOU	3,500	-	\$	598.60	\$	598.35	\$	(0.25)	0.0%																																										
Standby Power	-	4,500	\$	5,937.25	\$	6,023.47	\$	86.22	1.5%																																										
Sentinel Lighting - Non-RPP	1,400	5	\$	321.02	\$	327.23	\$	6.21	1.9%																																										
Street Lighting - Non-RPP	5,400	15	\$	1,465.26	\$	1,494.89	\$	29.63	2.0%																																										

Table 6 – Summary of Bill Impacts – Fort Erie

DATE OF 100E0 ( 04TE00DIE)	0	D				Total Bill							
RATE CLASSES / CATEGORIES (eq: Residential TOU, Residential Retailer)	Consumption (kWh)	(kW)	2017							2018	•	Change 20	17 to 2018
leg. Residential 100, Residential Retailer)	(KWII)	(KVV)		2017	2016			\$	%				
Residential - TOU - 10th percentile	210		\$	57.06	\$	58.65	\$	1.59	2.8%				
Residential - TOU - OEB Typical	750	-	\$	120.61	\$	123.78	\$	3.17	2.6%				
General Service Less Than 50 kW - TOU	2,000	-	\$	296.42	\$	306.66	\$	10.24	3.5%				
General Service 50 to 4,999 kW - Non-RPP	20,000	60	\$	3,832.77	\$	3,575.98	\$	(256.79)	-6.7%				
Unmetered Scattered Load - TOU	3,500	-	\$	570.92	\$	570.67	\$	(0.25)	0.0%				
Sentinel Lighting - Non-RPP	1,400	5	\$	309.95	\$	316.16	\$	6.21	2.0%				
Street Lighting - Non-RPP	5,400	15	\$	1,422.54	\$	1,452.18	\$	29.64	2.1%				

Table 7 – Summary of Bill Impacts – Gananoque

DATE OF ASSES / SATES OF ITS	Compumention	Damand				Total Bill								
RATE CLASSES / CATEGORIES (eq: Residential TOU, Residential Retailer)	Consumption (kWh)	(kW)	2017							2018	0	Change 20	017 to 2018	
leg. Residential 100, Residential Retailer)	(KWII)	(KVV)		2017	2010			\$	%					
Residential - TOU - 10th percentile	210		\$	57.06	\$	58.65	\$	1.59	2.8%					
Residential - TOU - OEB Typical	750	-	\$	120.61	\$	123.78	\$	3.17	2.6%					
General Service Less Than 50 kW - TOU	2,000	-	\$	307.13	\$	317.37	\$	10.24	3.3%					
General Service 50 to 4,999 kW - Non-RPP	20,000	60	\$	3,948.03	\$	3,691.24	\$	(256.79)	-6.5%					
Unmetered Scattered Load - TOU	3,500	-	\$	591.09	\$	590.84	\$	(0.25)	0.0%					
Sentinel Lighting - Non-RPP	1,400	5	\$	318.01	\$	324.23	\$	6.22	2.0%					
Street Lighting - Non-RPP	5,400	15	\$	1,453.66	\$	1,483.30	\$	29.64	2.0%					

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During a final review of bill impacts resulting from the 2018 IRM Model, CNPI notes that the following manual adjustments were required to Tab 20 in order to accurately reflect

bill impacts:

LRAMVA rate riders were added to the volumetric rate rider totals that were

prepopulated in the Model since these riders are included in both the current and

proposed tariffs, but did not seem to carry through to Tab 20 of the Model

For the General Service 50 to 4,999 kW class, the current GA rate rider total in

Tab 20 included the riders applicable to both Class A and Class B customers.

Since only one can apply, and since the typical consumption used is

representative of a Class B customer, the amount of the Class A rider was

subtracted from the prepopulated total.

For all Non-RPP bill impacts, the proposed GA rate rider totals in Tab 20 omitted

the 2017 rate rider that is effective until December 31, 2018. The amount of

omitted rate riders applicable to a Class B customer was added to the

prepopulated total for each Non-RPP bill impact.

The tables above include the results of these adjustments. When the 2018 IRM Model is

updated to reflect the final 2018 price cap adjustment parameters and Tab 20 is

updated, the above manual changes may be over-written by the updates. Tab 20 of the

Model will need to be verified at that time to ensure that the above adjustments are

incorporated.

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## Schedule "A"

**Certification of Evidence** 

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Filed: August 14, 2017

#### STATEMENT OF CERTIFICATION

As Vice President Finance and Chief Financial Officer of Canadian Niagara Power Inc., I certify that, to the best of my knowledge, robust processes and internal controls are in place for the preparation, review, verification and oversight of the deferral and variance account balances being disposed.



Glen King

Vice President Finance and Chief Financial Officer

Dated at Fort Erie, Ontario, this 14<sup>th</sup> day of August, 2017

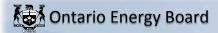
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## Schedule "B"

2018 IRM Rate Generator Model

Version

1.0



# **Incentive Regulation Model for 2018 Filers**

Utility Name	Canadian Niagara Power Inc.	
#N/A Assigned EB Number	EB-2017-0031	
Name of Contact and Title	Brian Vander Vloet, Manager F	inance
Phone Number	905-871-0330	
Email Address	brian.vandervloet@cnpower.co	m
We are applying for rates effective	January-01-18	
Rate-Setting Method	Annual IR Index	
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2017	
Please indicate the last Cost of Service Re-Basing Year	2017	
<u>Legend</u>		
Pale green cells represent input c	ells.	
Pale blue cells represent drop-dov	vn lists. The applicant should select	the appropriate item from the drop-down list.
Pale grey cell represent auto-popu	ulated RRR data	
White cells contain fixed values, a	utomatically generated values or for	mulae.

#### Note:

1. Rate year of application

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

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

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule B - 2018 IRM Rate Generator Page 2 of 45 Filed: August 14, 2017

# Tab 2 Intentionally Omitted – See Schedule "D" for Current Tariff of Rates and Charges



Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. For all Account 1959 sub-accounts, complete the DVA continuity schedule for each Account 1595 wintage year that has a GL balance as at December 31, 2016 regardless of whether the account is 56 being requested for disposition in the current application. 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). For example, for Account 1595 (sub-), data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

Please refer to the footnotes for further instructions.

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

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Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. For all Account 1959 sub-accounts, complete the DVA continuity schedule for each Account 1595 wintage year that has a GL balance as at December 31, 2016 regardless of whether the account is 56 being requested for disposition in the current application. 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). For example, for Account 1595 (sub-), data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

Please refer to the footnotes for further instructions.

						2012					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550	0				0	0				
Smart Metering Entity Charge Variance Account	1551	0				0	0				į (
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				i i
RSVA - Retail Transmission Network Charge	1584	0				0	0				i
RSVA - Retail Transmission Connection Charge	1586	0				0	0				
RSVA - Power <sup>4</sup>	1588	0				0	0				
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				(
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				(
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				i .
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				i
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0			231,291	231.291	0			102.992	102,99
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				i
	1000					·	•				i `
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				
RSVA - Global Adjustment	1589	0		) (	0	0	0	0	0	c	)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0		) (	231,291	231,291	0	ō	0	102,992	102,99
Total Group 1 Balance		0	(	) (		231,291	0	0	0	102,992	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					
Total including Account 1568		0		) (	231.291	231.291	0	0	0	102.992	102,99

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Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. For all Account 1959 sub-accounts, complete the DVA continuity schedule for each Account 1959 withing year that has a GL balance as at December 31, 2016 regardless of whether the account is 50 per equested for disposition in the current application. 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). For example, for Account 1595 (2014), data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

Please refer to the footnotes for further instructions.

						2013					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power <sup>4</sup>	1588	0				0	0				0
RSVA - Global Adjustment <sup>4</sup>	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	231,291	(103,271)			128,020	102,992	2,666			105,658
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	c	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		231,291	(103,271)	0	0	128,020	102,992	2,666	0	C	105,658
Total Group 1 Balance		231,291	(103,271)	0	0	128,020	102,992	2,666	0	C	105,658
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		231,291	(103,271)	0	0	128,020	102,992	2,666	0	c	105,658

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Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. For all Account 1959 sub-accounts, complete the DVA continuity schedule for each Account 1595 wintage year that has a GL balance as at December 31, 2016 regardless of whether the account is 56 being requested for disposition in the current application. 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). For example, for Account 1595 (sub-), data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

Please refer to the footnotes for further instructions.

						2014					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014
Group 1 Accounts											
LV Variance Account	1550	0			(15,843)	(15,843)	0			(60)	(60)
Smart Metering Entity Charge Variance Account	1551	0			(7,851)	(7,851)	0			(65)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	0			(1,271,559)	(1,271,559)	0			(34,447)	(34,447
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				
RSVA - Retail Transmission Network Charge	1584	0			793,362	793,362	0			21,401	
RSVA - Retail Transmission Connection Charge	1586	0			483,751	483,751	0			12,150	12,15
RSVA - Power <sup>4</sup>	1588	0			(907,225)	(907,225)	0			(31,563)	(31,563
RSVA - Global Adjustment <sup>4</sup>	1589	0			819,697	819,697	0			28,234	28,23
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	128.020	(87,089)			40.931	105.658	1.280			106,93
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0				
						_	-				
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup> Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				
RSVA - Global Adjustment	1589	0	0	0	819.697	819.697	0	0	0	28.234	28,23
Total Group 1 Balance excluding Account 1589 - Global Adjustment		128.020	(87,089)	0	(925,365)	(884,434)	105,658	1,280	0	(32,584)	
Total Group 1 Balance		128,020	(87,089)	0	(105,667)	(64,736)	105,658	1,280		(4,350)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				
Total including Account 1568		128,020	(87,089)	0	(105,667)	(64,736)	105,658	1,280	0	(4,350)	102,58

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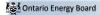
Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. For all Account 1959 sub-accounts, complete the DVA continuity schedule for each Account 1595 wintage year that has a GL balance as at December 31, 2016 regardless of whether the account is 56 being requested for disposition in the current application. 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). For example, for Account 1595 (sub-), data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

Please refer to the footnotes for further instructions.

						2015					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interes Amounts as of Dec 31, 2015
Group 1 Accounts											
LV Variance Account	1550	(15,843)	\$41,015	-\$359		25.531	(60)	-\$49	\$54		(163
Smart Metering Entity Charge Variance Account	1551	(7,851)	-\$3,810	-\$6,222	-\$9,475	(14,914)	(65)	-\$15		\$16,326	16,34
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,271,559)	-\$861,506	-\$1,143,156		(989,909)	(34,447)	-\$6,129	-\$37,131		(3,445
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0				0	0				
RSVA - Retail Transmission Network Charge	1584	793,362	-\$161,591	\$643,882		(12,111)	21,401	\$1,509	\$20,717		2,19
RSVA - Retail Transmission Connection Charge	1586	483,751	-\$9,153	\$328,765		145,834	12,150	\$1,715	\$11,291		2,57
RSVA - Power <sup>4</sup>	1588	(907,225)	-\$570,319	\$459,419	\$12,490	(1,924,474)	(31,563)	-\$20,145	-\$12,954		(38,754
RSVA - Global Adjustment <sup>4</sup>	1589	819,697	\$1,258,319	-\$770,098	-\$97,293	2,750,822	28,234	\$26,742	\$9,924		45,05
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	40,931	(82,080)			(41,149)	106,938	47			106,98
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0	\$114,172	496,634		(382,462)	0	-\$4,593	(84,023)		79,43
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup> Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				
RSVA - Global Adjustment	1589	819.697	1.258.319	(770,098)	(97,293)	2,750,822	28,234	26.742	9.924	0	45.05
Total Group 1 Balance excluding Account 1589 - Global Adjustment	.303	(884,434)	(1,533,273)	778,962	3,015	(3,193,654)	74,354	(27,660)	(102,148)	16,326	165,16
Total Group 1 Balance		(64,736)	(274,954)	8,864	(94,278)	(442,832)	102,588	(919)	(92,224)	16,326	210,22
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				
Total including Account 1568		(64.736)	(274.954)	8.864	(94.278)	(442.832)	102.588	(919)	(92.224)	16.326	210.22

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Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. For all Account 1959 sub-accounts, complete the DVA continuity schedule for each Account 1595 wintage year that has a GL balance as at December 31, 2016 regardless of whether the account is 56 being requested for disposition in the current application. 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). For example, for Account 1595 (sub-), data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

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 <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	25.531	53,281	(15,484)		94,296	(163)	657	-\$285		779
Smart Metering Entity Charge Variance Account	1551	(14,914)	(7,067)	(1,629)		(20,353)	16,348		\$19		16,296
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(989,909)	(523,290)	(128,403)		(1,384,795)	(3,445)	(14,080)	\$1,271		(18,796)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0	70,105			70,105	0	1,492			1,492
RSVA - Retail Transmission Network Charge	1584	(12,111)	(139,561)	149,481		(301,153)	2,193		\$2,329		(2,677)
RSVA - Retail Transmission Connection Charge	1586	145,834	(108,135)	154,987		(117,288)	2,574	(662)	\$2,564		(652)
RSVA - Power <sup>4</sup>	1588	(1,924,474)	199,331	(1,366,644)	2,422,176	2,063,677	(38,754)	(7,701)	-\$33,642		(12,813)
RSVA - Global Adjustment <sup>4</sup>	1589	2,750,822	159,747	1,589,796	(2,039,158)	(718,385)	45,052	18,663	\$35,798		27,917
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	(41,149)	25,784			(15,366)	106.985	(106,985)			(0)
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	(382,462)	169,566		78,239	(134,658)	79,430	(2,410)		(78,239)	(1,218)
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0	(258,567)	(277,115)		18,548	0	1,368	(300,152)		301,521
RSVA - Global Adjustment	1589	2,750,822	159,747	1,589,796	(2,039,158)	(718,385)	45,052	18,663	35,798	0	27,917
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(3,193,654)	(518,553)	(1,484,808)	2,500,415	273,015	165,168		(327,896)	(78,239)	
Total Group 1 Balance		(442,832)	(358,807)	104,988	461,256	(445,371)	210,220	(112,233)	(292,098)	(78,239)	311,847
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0		0		0	0				(
Total including Account 1568		(442,832)	(358,807)	104,988	461,256	(445,371)	210,220	(112,233)	(292,098)	(78,239)	311,847

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Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filling.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as a tab December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the 2014 closing balance in the Adjustment column under 2014. 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, 2016 regardless of whether the account is being requested for disposition in the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (e.e. the vintage year). For example, for Account 1595 (2014),data should be inputted starting in 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (2014).

Please refer to the footnotes for further instructions.

If you had any Class A customers at any point during the period that the Account 1589 GA balance accumulated (i.e. from the year the balance was last disposed to 2016), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6 will be generated and applicants must complete the information pertaining to Class A customers.

If you had any customers classified as Class A at any point during the period where Account 1580, sub-account CBR Class B balance accumulated (i.e. 2015 and 2016 or 2016), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6.2 will be generated. Account 1580, sub-account CBR Class B will be disposed through a separate rate rider calculated in Tab 6.2.

If you only had Class B customers during this period, the balance in 1580 subaccount CBR Class B will be allocated and disposed with Account 1580 WMS.

			2	017		Projected Interest on Dec-31-16 Balances				2.1.7 RRR	
Account Descriptions	Account Number	Principal Disposition during 2017 - instructed by OEB	Interest Disposition during 2017 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Dispositions during 2017	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition in 2017	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31, 2016 balance adjusted for disposition during 2017 <sup>2</sup>	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31, 2016 balance adjusted for disposition during 2017 <sup>2</sup>	Total Interest Total C	laim	As of Dec 31, 2016	Variance RRR vs. 2016 Balance (Principal + Interest)
Group 1 Accounts											
LV Variance Account	1550	41,015	573	53,281	206	586		792	54,074	95,075	0
Smart Metering Entity Charge Variance Account	1551	(13,285)	16,183	(7,067)	113	(78)	1	35	(7,032)	(10,908)	(6,851)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(861,506)	(14,193)	(523,290)	(4,603)	(5,756)	1	(10,359)	(533,649)	(1,331,995)	71,597
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580			0	0	0		0	C	(	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580			70,105	1,492	771		2,263	72,368	71,597	0
RSVA - Retail Transmission Network Charge	1584	(161,591)	(1,913)	(139,561)	(764)	(1,535)		(2,300)	(141,861)	(303,830)	0
RSVA - Retail Transmission Connection Charge	1586	(9,153)	(91)	(108,135)	(561)	(1,189)	1	(1,751)	(109,886)	(117,940)	(0)
RSVA - Power <sup>4</sup>	1588	(557,829)	(11,248)	2,621,507	(1,565)	28,837		27,272	2,648,778	(371,311)	(2,422,176)
RSVA - Global Adjustment <sup>4</sup>	1589	1,161,026	22,025	(1,879,411)	5,891	(20,674)	1	(14,782)	(1,894,193)	1,348,690	2,039,158
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>3</sup>	1595			0	0	0	1	O Check to Dispose of Account	C	(	0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>3</sup>	1595			0	0	0	1	0 Check to Dispose of Account	C	(	0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>3</sup>	1595			0	0	0	1	O Check to Dispose of Account	C	(	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595			0	0	0	1	O Check to Dispose of Account	C	(	0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595			(15,366)	(0)	(169)	1	(169) Check to Dispose of Account	0	(15,366)	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595			0	0	0		O Check to Dispose of Account			0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	5.711	628	(140,368)	(1.846)	(1,544)		(3,390) Check to Dispose of Account	0	(135,876)	ō
January Control of the Control of th				(,===)	(1,010)	(1,211)				(,	_
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>								Check to Dispose of Account			
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595			18,548	301,521	204		301,725	O	320,069	0
RSVA - Global Adjustment	1589	1,161,026	22,025	(1,879,411)	5,891	(20,674)	0	(14,782)	(1,894,193)	1,348,690	2,039,158
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,556,639)	(10,061)	1.829.653		20,126		314.117	1.982.792		
Total Group 1 Balance		(395,612)	11,965	(49,758)		(547)		299,335	88,598		(389,869)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			0	0			0	O	C	0
Total including Account 1568		(395,612)	11,965	(49,758)	299,883	(547)	0	299,335	88,598	(523,392)	(389,869)



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

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

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

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire 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/refunde the general GA rate rider as they did not contribute to the GA balance.

2018 4th Generation IRM Application Canadian Niagara Power Inc.

Schedule B - 2018 IRM Rate Generator

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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)	Wholesale Market	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 <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	202,182,964	0	9,957,857	0	0	0	202,182,964	0		26,092
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	69,095,397	0	10,887,834	0	0	0	69,095,397	0		2,512
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	186,545,553	581,862	170,444,530	531,838	0	0	186,545,553	581,862		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	4,899,060	14,550	4,899,060	14,550	0	0	4,899,060	14,550		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,416,419	0	3,911	0	0	0	1,416,419	0		
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	667,142	2,173	99	0	0	0	667,142	2,173		
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,159,286	6,414	2,071,377	6,148	0	0	2,159,286	6,414		
	Total	466,965,821	604,999	198,264,668	552,536	0	0	466,965,821	604,999	(	28,604

#### **Threshold Test**

Total Claim (including Account 1568)

Total Claim for Threshold Test (All Group 1 Accounts)

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

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

\$88,598 \$88,598

\$0.0002 Claim does not meet the threshold test.



1568 Account Balance from Continuity Schedule 0

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

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

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

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



No input required. This workshseet 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)**

		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP	
Rate Class	% of Total kWh	Numbers **	WMP	1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	43.3%	91.2%	43.3%	23,412	(6,414)	(231,055)	(61,422)	(47,578)	1,146,846	0
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	14.8%	8.8%	14.8%	8,001	(618)	(78,962)	(20,991)	(16,259)	391,931	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	39.9%	0.0%	39.9%	21,602	0	(213,184)	(56,671)	(43,898)	1,058,146	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	1.0%	0.0%	1.0%	567	0	(5,599)	(1,488)	(1,153)	27,789	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.3%	0.0%	0.3%	164	0	(1,619)	(430)	(333)	8,034	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	77	0	(762)	(203)	(157)	3,784	0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	250	0	(2,468)	(656)	(508)	12,248	0
Total	100.0%	100.0%	100.0%	54,074	(7,032)	(533,649)	(141,861)	(109,886)	2,648,778	0

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

2016

kWh kW

kWh

kW

20,306,000

19,416,000

44,100

44,200



# **Incentive Regulation Model for 2018 Filers**

1	Please enter the Year the Account 1589 GA Balance was Last Disposed.	2015	(e.g. If in the 2016 EDR process, you received approval to d 2014, enter 2014.)	ispose the GA variand	ce account balance as	at December 31,
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from year after the balance was last disposed to 2016)?	Yes	(e.g. If you received approval to dispose the GA variance account balance as at December 31, 2014, the period the GA variance accumulated would be 2015 and 2016.)			
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. 2015 and 2016 or 2016).	Yes	(e.g. If there was no disposition of the CBR Class B balance as at December 31, 2015, the period the CBR Class B variance accumulated would be 2015 and 2016.)			
3a	Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.	1				
		Transition Customers - I	Non-loss Adjusted Billing Determinants by Customer			
				-	201	
		Customer	Rate Class	1.34/5	January to June	July to December
		Customer 1	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh_ kW	3,499,000 18,000	3,497,000 19,200
				Class A/B	В	A
3b	Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).	2		·		

Class A Customers - Billing Determinants by Customer

Rate Class
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

Customer

Customer A1

Customer A2

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## **Incentive Regulation Model for 2018 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, Filling Requirements, section 3.2.5.2)

9		
٠.		
	Default Rate Rider Recovery Period (in months)	12
	Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

					ilioliuis)	12	nate niuer necovery to i	Je useu below	
		Total Metered Non-RPP 2016 Consumption excluding WMP	Total Metered 2016 Consumption for Class A Customers that were Class A for the entire period GA blance accumulated	Total Metered 2016 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	9,957,857	0	0	9,957,857	6.6%	(\$121,590)	-\$0.0122	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	10,887,834	0	0	10,887,834	7.2%	(\$132,946)	-\$0.0122	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	170,444,530	39,722,000	6,996,000	123,726,530	81.6%	(\$1,510,762)	-\$0.0122	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	4,899,060	0	0	4,899,060	3.2%	(\$59,820)	-\$0.0122	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	3,911	0	0	3,911	0.0%	(\$48)	-\$0.0122	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	99	0	0	99	0.0%	(\$1)	-\$0.0122	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,071,377	0	0	2,071,377	1.4%	(\$25,293)	-\$0.0122	kWh
	Total	198,264,668	39,722,000	6,996,000	151,546,668	100.0%	(\$1,850,459)		





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

Year of the Account 1589 GA Balance Last Disposed

2015

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

		Total	2016
Total Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial and full year)	А	151,546,668	151,546,668
All Class B Consumption (i.e. full year or partial year) for Transition Customers	В	3,499,000	3,499,000
Transition Customers' Portion of Total Consumption	C=B/A	2.31%	

#### Allocation of Total GA Balance \$

Total GA Balance	D	-\$	1,894,193
Transition Customers Portion of GA Balance	E=C*D	-\$	43,734
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	-\$	1,850,459

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

# of Class A/B Transition Customers	1				
Customer	the Period They Were Class B	Metered Consumption (kWh) for Transition Customers During the Period They Were Class B Customers in 2016		,	Monthly Equal Payments
Customer 1	3,499,000	3,499,000	100.00%	-\$ 43,734	-\$ 3,645
Total	3,499,000	3,499,000	100.00%	-\$ 43,734	



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

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

2016

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

		Total Metered 2016 Consumption Minus WMP		Total Metered 2016 Consumption for Class A customers that were Class A for the entire period CBR Class B balance accumulated		Total Metered 2016 Consumption for Customers that Transitioned Between Class A and B during the period CBR Class B balance accumulated				% 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	202,182,964	0	0	0	0	0	202,182,964	0	48.1%	\$34,013	\$0.0002	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	69,095,397	0	0	0	0	0	69,095,397	0	16.4%	\$11,624	\$0.0002	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kWh	186,545,553	581,862	39,722,000	88,300	6,996,000	37,200	139,827,553	456,362	33.3%	\$23,523	\$0.0515	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	4,899,060	14,550	0	0	0	0	4,899,060	14,550	1.2%	\$824	\$0.0566	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,416,419	0	0	0	0	0	1,416,419	0	0.3%	\$238	\$0.0002	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	667,142	2,173	0	0	0	0	667,142	2,173	0.2%	\$112	\$0.0517	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,159,286	6,414	0	0	0	0	2,159,286	6,414	0.5%	\$363	\$0.0566	kW
	Total	466,965,821	604,999	39,722,000	88,300	6,996,000	37,200	420,247,821	479,499	100.0%	\$70,697		



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

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

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

		Total	2016
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial and full year)	A	151.546.668	151,546,668
All Class B Consumption (i.e. full year or partial year) for Transition		131,540,000	131,340,000
Customers	В	3,499,000	3,499,000
Transition Customers' Portion of Total Consumption	C=B/A	2.31%	148,047,668

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

Total CBR Class B Balance	D	\$ 72,368
Transition Customers Portion of CBR Class B Balance	E=D*C	\$ 1,671
CBR Class B Balance to be disposed to Current Class B Customers		
through Rate Rider	F=D-E	\$ 70,697

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

Allocation of OBIT Glace B Balances to Translation Gastomer	•					
# of Class A/B Transition Customers		1				
Customer		Total Metered Class B Consumption (kWh) for Transition Customers During the Period They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period They were Class B Customers in 2016		Customer Specific CBR Class B Allocation During the Period They Were a Class B Customer	Monthly Equal Payments
Customer 1		3,499,000	3,499,000	100.00%	\$ 1,671	\$ 139
Total		3,499,000	3,499,000	100.00%	\$ 1,671	\$ 139



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

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

12	
12	Rate Rider Recovery to be used below

		Total Metered	Metered kW	Total Metered	Total Metered	Allocation of Group 1 Account Balances to All		Deferral/Variance Account Rate	Deferral/Variance Account Rate Rider for Non-WMP	Account 1568	
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes <sup>2</sup>	Applicable) 2	Rider <sup>2</sup>	(if applicable) 2		Revenue Reconcilation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	202,182,964	0	202,182,964	0	823,790		0.0041		0.0000	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	69,095,397	0	69,095,397	0	283,102		0.0041		0.0000	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	186,545,553	581,862	186,545,553	581,862	765,994		1.3165		0.0000	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	4,899,060	14,550	4,899,060	14,550	20,117		1.3826		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,416,419	0	1,416,419	0	5,816		0.0041		0.0000	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000		0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	667,142	2,173	667,142	2,173	2,739		1.2608		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,159,286	6,414	2,159,286	6,414	8,866		1.3824		0.0000	

1,910,423.81

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

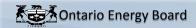
<sup>&</sup>lt;sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined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

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule B - 2018 IRM Rate Generator Page 18 of 45 Filed: August 14, 2017

# Tabs 8&9 Intentionally Omitted – Not Applicable (No Changes to Tax Rates)

Non-Loss

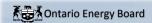
Non-Loss



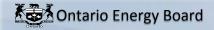
# **Incentive Regulation Model for 2018 Filers**

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	0.0067	202.182.964	0	1.0530	212.898.661
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	202,182,964	0	1.0530	212,898,661
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057	69,095,397	0	1.0530	72,757,453
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0049	69,095,397	0	1.0530	72,757,453
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4230	186,545,553	581,862		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0556	186,545,553	581,862		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4230	4,899,060	14,550		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0556	4,899,060	14,550		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	1,416,419	0	1.0530	1,491,490
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	1,416,419	0	1.0530	1,491,490
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0649	667,142	2,173		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6775	667,142	2,173		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7934	2,159,286	6,414		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5684	2,159,286	6,414		



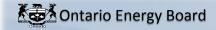
Uniform Transmission Rates	Unit		2016			2017		2018
Rate Description			Rate			Rate		Rate
Network Service Rate	kW	\$		3.66	\$	3.66	\$	3.66
Line Connection Service Rate	kW	\$		0.87	\$	0.87	\$	0.87
Transformation Connection Service Rate	kW	\$		2.02	\$	2.02	\$	2.02
Hydro One Sub-Transmission Rates	Unit		2016			2017		2018
Rate Description		January	y - 2016 February - I Rate	December 2016		Rate		Rate
Network Service Rate	kW	\$ 3.	.4121 \$	3.3396	\$	3.1942	\$	3.1942
Line Connection Service Rate	kW	\$ 0.	.7879 \$	0.7791	\$	0.7710	\$	0.7710
Transformation Connection Service Rate	kW	\$ 1.	.8018 \$	1.7713	\$	1.7493	\$	1.7493
Both Line and Transformation Connection Service Rate	kW	\$ 2.	.5897 \$	2.5504	\$	2.5203	\$	2.5203
If needed, add extra host here. (I)	Unit		2016			2017		2018
Rate Description			Rate			Rate		Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	-
If needed, add extra host here. (II)	Unit		2016			2017		2018
Rate Description			Rate			Rate		Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative			Historical 201	6	Cur	rent 2017	Fore	ecast 2018
value)	\$							



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

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

IESO		Network			Line Connec	tion		Transfo	rmation Co	nnection	Tota	al Connection
Month	Units Billed	Rate	Amount	Units Billed	l Rate	A	Amount	Units Billed	Rate	Amount		Amount
		<b>4</b>										
January	65,317	\$3.66	\$ 239,06			\$	61,304	70,464	\$2.02	\$ 142,337	\$	203,641
February	64,962	\$3.66	\$ 237,76			\$	58,252	66,956	\$2.02	\$ 135,251	\$	193,503
March	60,619	\$3.66	\$ 221,86			\$	55,040	63,264	\$2.02	\$ 127,793	\$	182,833
April	58,931	\$3.66	\$ 215,68			\$	55,026	63,248	\$2.02	\$ 127,761	\$	182,787
May	59,426	\$3.66	\$ 217,49			\$	57,445	66,029	\$2.02	\$ 133,379	\$	190,824
June	69,473	\$3.66	\$ 254,27			\$	62,823	72,210	\$2.02	\$ 145,864	\$	208,687
July	80,002	\$3.66	\$ 292,80			\$	71,212	81,853	\$2.02	\$ 165,343	\$	236,555
August	83,769	\$3.66	\$ 306,59			\$	76,858	88,343	\$2.02	\$ 178,453	\$	255,311
September	79,388	\$3.66	\$ 290,56			\$	70,851	81,438	\$2.02	\$ 164,505	\$	235,356
October	52,573	\$3.66	\$ 192,41			\$	48,947	56,261	\$2.02	\$ 113,647	\$	162,594
November	57,269	\$3.66	\$ 209,60	60,95		\$	53,029	60,953	\$2.02	\$ 123,125	\$	176,154
December	68,033	\$3.66	\$ 249,00	68,46	\$0.87	\$	59,565	68,465	\$2.02	\$ 138,299	\$	197,864
Total	799,762	\$ 3.66	5 \$ 2,927,12	839,48	34 \$ 0.87	7 \$	730,351	839,484	\$ 2.02	\$ 1,695,758	\$	2,426,109
Hydro One		Network			Line Connec	tion		Transfo	rmation Co	nnection	Tota	al Connection
Month	Units Billed	Rate	Amount	Units Billed	l Rate	A	Amount	Units Billed	Rate	Amount		Amount
January	9,889	\$3.4121	\$ 33,74	9,88	9 \$0.7879	\$	7,791	9.889	\$1.8018	\$ 17,818	\$	25,609
February	6,962	\$3.3396	\$ 23,24			\$	5,853	7,513	\$1.7713		\$	19,161
March	11,292	\$3.3396	\$ 37,70			\$	8,797	11,292		\$ 20,001	\$	28,798
April	8,707	\$3.3396	\$ 29,07			\$	7,160	9,191	\$1.7713		\$	23,440
May	10,602	\$3.3396	\$ 35,40			\$	8,260	10,602	\$1.7713		\$	27,040
June	9,524	\$3.3396	\$ 31,80			\$	7,420	9,524	\$1.7713		\$	24,290
July	11,241	\$3.3396	\$ 37,53			\$	8,758	11,241		\$ 19,910	\$	28,668
August	12,333	\$3.3396	\$ 41,18			\$	9,609	12,333		\$ 21,845	\$	31,454
September	12,698	\$3.3396	\$ 42,40			\$	9,893	12,698		\$ 22,492	\$	32,385
October	8,706	\$3.3396	\$ 29,07			\$	6,802	8,730	\$1.7713		\$	22,265
November	12,728	\$3.3396	\$ 42,50			\$	9,916	12,728		\$ 22,545	\$	32,461
December	13,457	\$3.3396	\$ 44,94			\$	10,484	13,457	\$1.7713		\$	34,320
Total	128,137	\$ 3.3452	2 \$ 428,64	129,19	6 \$ 0.7798	3 \$	100,744	129,196	\$ 1.7736	\$ 229,147	\$	329,891



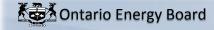
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If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates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

Add Extra Host Here (I) (if needed)		Network		Lir	e Connec	tion	Transfo	rmation Co	nnection	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	- \$	-	\$ -		\$ -	\$ -		\$ -	\$ -	\$	<u> </u>
Add Extra Host Here (II)		Network		Lir	e Connec	tion	Transfo	rmation Co	nnection	Total	Connection
(if needed)						_					
Add Extra Host Here (II) (if needed) Month	Units Billed	Network Rate	Amount	Lir Units Billed	e Connec	Amount	Transfo	rmation Co Rate	nnection Amount		Connection  Amount
(if needed) Month		Rate	Amount		Rate	_		Rate			
(if needed)  Month  January	\$	Rate -	Amount		Rate	_		Rate		\$	
(if needed) Month January February	<b>\$</b>	Rate - -	Amount		Rate	_		Rate \$ - \$ -		\$ \$	
(if needed) Month January February March	\$ \$ \$	Rate -	Amount		Rate \$ - \$ - \$ -	_		Rate \$ - \$ - \$ -		\$ \$ \$	
(if needed) Month January February March April	\$ \$ \$ \$	Rate	Amount		Rate \$ - \$ - \$ - \$ -	_		Rate \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$	
(if needed)  Month  January February  March  April  May	\$ \$ \$ \$ \$	Rate	Amount		Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ -	_		Rate \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$	
(if needed)  Month  January February March April May June	\$ \$ \$ \$ \$	Rate	Amount		Rate \$ - \$ - \$ - \$ -	_		Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$	
(if needed)  Month  January February March April May June July	\$ \$ \$ \$ \$	Rate	Amount		Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	_		Rate  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ \$ \$ \$ \$	
(if needed)  Month  January February March April May June	\$ \$ \$ \$ \$ \$	Rate	Amount		Rate  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	_		Rate  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		***	
(if needed)  Month  January February March April May June July August	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount		Rate  \$ \$ \$ \$ \$ \$ \$	_		Rate  \$ -		\$ \$ \$ \$ \$ \$ \$ \$ \$	
(if needed)  Month  January February March April May June July August September	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount		Rate  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	_		Rate  \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
(if needed)  Month  January February March April May June July August September October	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount		Rate  \$ \$ \$ \$ \$ \$ \$ \$ \$	_		Rate  \$ \$ \$ \$ \$ \$ \$ \$ \$		* * * * * * * * * * * * *	

2,756,000

Total including deduction for Low Voltage Switchgear Credit

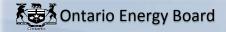


# **Incentive Regulation Model for 2018 Filers**

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

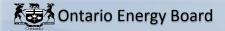
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered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

Total	Network				Liı	ne	Connect	ion		Transformation Connection						Total Connection		
Month	Units Billed		Rate		Amount	Units Billed		Rate		Amount	Uı	nits Billed		Rate		Amount		Amount
January	75,206	\$	3.6274	\$	272,802	80,353	\$	0.8599	\$	69,095		80,353	\$	1.9931	\$	160,155	\$	229,250
February	71,924	\$	3.6290	\$	261,010	74,469	\$	0.8608	\$	64,105		74,469	\$	1.9949	\$	148,559	\$	212,664
March	71,911	\$	3.6097	\$	259,575	74,556	\$	0.8562	\$	63,837		74,556	\$	1.9823	\$	147,794	\$	211,631
April	67,638	\$	3.6188	\$	244,765	72,439	\$	0.8585	\$	62,186		72,439	\$	1.9884	\$	144,040	\$	206,226
May	70,028	\$	3.6115	\$	252,906	76,631	\$	0.8574	\$	65,705		76,631	\$	1.9856	\$	152,158	\$	217,863
June	78,997	\$	3.6214	\$	286,078	81,734	\$	0.8594	\$	70,243		81,734	\$	1.9910	\$	162,734	\$	232,977
July	91,243	\$	3.6205	\$	330,346	93,094	\$	0.8590	\$	79,970		93,094	\$	1.9900	\$	185,254	\$	265,223
August	96,102	\$	3.6189	\$	347,781	100,676	\$	0.8589	\$	86,467		100,676	\$	1.9895	\$	200,298	\$	286,765
September	92,086	\$	3.6158	\$	332,966	94,136	\$	0.8577	\$	80,744		94,136	\$	1.9865	\$	186,997	\$	267,741
October	61,279	\$	3.6145	\$	221,492	64,991	\$	0.8578	\$	55,749		64,991	\$	1.9866	\$	129,111	\$	184,859
November	69,997	\$	3.6017	\$	252,111	73,681	\$	0.8543	\$	62,945		73,681	\$	1.9770	\$	145,670	\$	208,615
December	81,490	\$	3.6071	\$	293,941	81,922	\$	0.8551	\$	70,049		81,922	\$	1.9791	\$	162,135	\$	232,184
Total	927,899	\$	3.62	\$	3,355,773	968,680	\$	0.86	\$	831,095		968,680	\$	1.99	\$	1,924,905	\$	2,756,000
											Low V	oltage Switc	chg	ear Crec	lit (i	f applicable)	\$	-



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

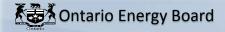
IESO		Network		Liı	ne Connectio	on	Transfo	rmation Con	Total Connection		
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	65,317 \$	3.6600	\$ 239,060	70,464	\$ 0.8700	\$ 61,304	70,464	\$ 2.0200	\$ 142,337	\$	203,641
February	64,962 \$	3.6600	\$ 237,761	66,956	\$ 0.8700	\$ 58,252	66,956	\$ 2.0200	\$ 135,251	\$	193,503
March	60,619 \$	3.6600	\$ 221,866	63,264	\$ 0.8700	\$ 55,040	63,264	\$ 2.0200	\$ 127,793	\$	182,833
April	58,931 \$	3.6600	\$ 215,687	63,248	\$ 0.8700	\$ 55,026	63,248	\$ 2.0200	\$ 127,761	\$	182,787
May	59,426 \$	3.6600	\$ 217,499	66,029	\$ 0.8700	\$ 57,445	66,029	\$ 2.0200	\$ 133,379	\$	190,824
June	69,473 \$	3.6600	\$ 254,271	72,210	\$ 0.8700	\$ 62,823	72,210	\$ 2.0200	\$ 145,864	\$	208,687
July	80,002 \$	3.6600	\$ 292,807	81,853	\$ 0.8700		81,853		\$ 165,343	\$	236,555
August	83,769 \$	3.6600	\$ 306,595	88,343	\$ 0.8700	\$ 76,858	88,343	\$ 2.0200	\$ 178,453	\$	255,311
September	79,388 \$	3.6600	\$ 290,560	81,438	\$ 0.8700		81,438	\$ 2.0200	\$ 164,505	\$	235,356
October	52,573 \$		\$ 192,417	56,261	\$ 0.8700	\$ 48,947	56,261	\$ 2.0200		\$	162,594
November	57,269 \$		\$ 209,605	60,953	\$ 0.8700	\$ 53,029	60,953	\$ 2.0200		\$	176,154
December	68,033 \$	3.6600	\$ 249,001	68,465	\$ 0.8700	\$ 59,565	68,465	\$ 2.0200	\$ 138,299	\$	197,864
Total	799,762 \$	3.66	\$ 2,927,129	839,484	\$ 0.87	\$ 730,351	839,484	\$ 2.02	\$ 1,695,758	\$	2,426,109
Hydro One		Network		Liı	ne Connectio	on	Transfo	rmation Con	nection	Tota	I Connection
Hydro One Month	Units Billed	Network Rate	Amount	Lii Units Billed	ne Connection	on Amount	Transfo Units Billed	rmation Coni Rate	nection Amount		Connection  Amount
	Units Billed			Units Billed		Amount			Amount		
Month		<b>Rate</b> 3.1942		Units Billed 9,889	Rate	<b>Amount</b> \$ 7,624	Units Billed	<b>Rate</b> \$ 1.7493	Amount		Amount
<b>Month</b> January	9,889 \$	<b>Rate</b> 3.1942 3.1942	\$ 31,587	Units Billed 9,889 7,513	<b>Rate</b> \$ 0.7710	Amount \$ 7,624 \$ 5,792	Units Billed 9,889	Rate \$ 1.7493 \$ 1.7493	<b>Amount</b> \$ 17,299	\$	<b>Amount</b> 24,923
<b>Month</b> January February	9,889 \$ 6,962 \$	Rate 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067	Units Billed 9,889 7,513 11,292	Rate \$ 0.7710 \$ 0.7710	Amount \$ 7,624 \$ 5,792 \$ 8,706	Units Billed 9,889 7,513	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 17,299 \$ 13,142	\$	Amount 24,923 18,935
<b>Month</b> January February  March	9,889 \$ 6,962 \$ 11,292 \$	Rate 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811	9,889 7,513 11,292 9,191	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086	9,889 7,513 11,292 9,191	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 17,299 \$ 13,142 \$ 19,752	\$ \$	Amount 24,923 18,935 28,458
<b>Month</b> January February  March  April	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$	Rate 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865	9,889 7,513 11,292 9,191 10,602	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086 \$ 8,174	9,889 7,513 11,292 9,191 10,602	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077	\$ \$ \$	Amount 24,923 18,935 28,458 23,163
<b>Month</b> January February  March  April  May	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$ 10,602 \$	Rate 3.1942 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865 \$ 30,422	9,889 7,513 11,292 9,191 10,602 9,524	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	** 7,624   \$ 5,792   \$ 8,706   \$ 7,086   \$ 8,174   \$ 7,343	9,889 7,513 11,292 9,191 10,602	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount  \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077 \$ 18,546	\$ \$ \$ \$ \$	Amount  24,923 18,935 28,458 23,163 26,721
<b>Month</b> January February March April May June	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$ 10,602 \$ 9,524 \$	Rate  3.1942 3.1942 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865 \$ 30,422 \$ 35,905	9,889 7,513 11,292 9,191 10,602 9,524 11,241	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086 \$ 8,174 \$ 7,343 \$ 8,666	9,889 7,513 11,292 9,191 10,602 9,524	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount  \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077 \$ 18,546 \$ 16,661	\$ \$ \$ \$ \$	24,923 18,935 28,458 23,163 26,721 24,004
<b>Month</b> January February March April May June July	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$ 10,602 \$ 9,524 \$ 11,241 \$	Rate  3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865 \$ 30,422 \$ 35,905 \$ 39,394	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086 \$ 8,174 \$ 7,343 \$ 8,666 \$ 9,509	9,889 7,513 11,292 9,191 10,602 9,524 11,241	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount  \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077 \$ 18,546 \$ 16,661 \$ 19,663	\$ \$ \$ \$ \$	24,923 18,935 28,458 23,163 26,721 24,004 28,330
<b>Month</b> January February March April May June July August	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$ 10,602 \$ 9,524 \$ 11,241 \$ 12,333 \$	Rate  3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865 \$ 30,422 \$ 35,905 \$ 39,394 \$ 40,560	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333 12,698	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086 \$ 8,174 \$ 7,343 \$ 8,666 \$ 9,509 \$ 9,790	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077 \$ 18,546 \$ 16,661 \$ 19,663 \$ 21,574	\$ \$ \$ \$ \$ \$	24,923 18,935 28,458 23,163 26,721 24,004 28,330 31,083
Month  January February March April May June July August September	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$ 10,602 \$ 9,524 \$ 11,241 \$ 12,333 \$ 12,698 \$	Rate  3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865 \$ 30,422 \$ 35,905 \$ 39,394 \$ 40,560 \$ 27,809	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333 12,698 8,730	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086 \$ 8,174 \$ 7,343 \$ 8,666 \$ 9,509 \$ 9,790 \$ 6,731	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333 12,698 8,730	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount  \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077 \$ 18,546 \$ 16,661 \$ 19,663 \$ 21,574 \$ 22,212 \$ 15,271	***	24,923 18,935 28,458 23,163 26,721 24,004 28,330 31,083 32,003
Month  January February March April May June July August September October	9,889 \$ 6,962 \$ 11,292 \$ 8,707 \$ 10,602 \$ 9,524 \$ 11,241 \$ 12,333 \$ 12,698 \$ 8,706 \$	3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942 3.1942	\$ 31,587 \$ 22,237 \$ 36,067 \$ 27,811 \$ 33,865 \$ 30,422 \$ 35,905 \$ 39,394 \$ 40,560 \$ 27,809 \$ 40,656	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333 12,698 8,730 12,728	Rate \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 7,624 \$ 5,792 \$ 8,706 \$ 7,086 \$ 8,174 \$ 7,343 \$ 8,666 \$ 9,509 \$ 9,790 \$ 6,731 \$ 9,813	9,889 7,513 11,292 9,191 10,602 9,524 11,241 12,333 12,698 8,730	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount  \$ 17,299 \$ 13,142 \$ 19,752 \$ 16,077 \$ 18,546 \$ 16,661 \$ 19,663 \$ 21,574 \$ 22,212 \$ 15,271 \$ 22,265	****	24,923 18,935 28,458 23,163 26,721 24,004 28,330 31,083 32,003 22,002



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

Add Extra Host Here (I)			Network			Li	ine Co	onnect	ion		Transfo	mation	Conr	nection	Total	Connection
Month	Units Billed		Rate	A	Amount	Units Billed	R	ate		Amount	Units Billed	Rate	•	Amount	A	mount
January	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- 9	\$ -	\$	-
February	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
March	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
April	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
May	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
June	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
July	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
August	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
September	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
October	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
November	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ -	- (	\$ -	\$	-
December	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- 9	<b>-</b>	\$	-
Total	-	\$	-	\$	-	-	\$	-	\$	-	_	\$ -	- (	\$ -	\$	
Add Extra Host Here (II)			Network			Li	ine Co	onnect	ion		Transfo	mation	Conr	nection	Total	Connection
Month	Units Billed		Rate	A	Amount	Units Billed	R	ate		Amount	Units Billed	Rate	€	Amount	A	mount
January	-	\$	_	\$	_	-	\$	_	\$	-	-	\$ -	- (	\$ -	\$	-
February	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
March	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
April	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
May	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
June	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
July	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
August	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
September	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
October	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
November	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- (	\$ -	\$	-
December	-	\$	-	\$	-	-	\$	-	\$	-	-	\$ .	- :	\$ -	\$	-
Total		\$	-	\$			\$	-	\$	-		\$ -	- (	\$ -	\$	-

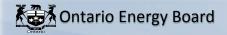
**Total Connection** 



# **Incentive Regulation Model for 2018 Filers**

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

Month	Units Billed	Rate	Amount	Units Billed	Rate		Amount	Units Billed		Rate		Amount	Amount
January	75,206	\$ 3.5988	\$ 270,647	80,353	\$ 0.8578	\$	68,928	80,353	\$	1.9867	\$	159,636	\$ 228,564
February	71,924	\$ 3.6149	\$ 259,998	74,469	\$ 0.8600	\$	64,044	74,469	\$	1.9927	\$	148,393	\$ 212,438
March	71,911	\$ 3.5869	\$ 257,933	74,556	\$ 0.8550	\$	63,745	74,556	\$	1.9790	\$	147,546	\$ 211,291
April	67,638	\$ 3.6000	\$ 243,499	72,439	\$ 0.8574	\$	62,112	72,439	\$	1.9857	\$	143,838	\$ 205,950
May	70,028	\$ 3.5895	\$ 251,364	76,631	\$ 0.8563	\$	65,619	76,631	\$	1.9825	\$	151,925	\$ 217,544
June	78,997	\$ 3.6038	\$ 284,693	81,734	\$ 0.8585	\$	70,166	81,734	\$	1.9885	\$	162,525	\$ 232,691
July	91,243	\$ 3.6026	\$ 328,712	93,094	\$ 0.8580	\$	79,879	93,094	\$	1.9873	\$	185,006	\$ 264,885
August	96,102	\$ 3.6002	\$ 345,988	100,676	\$ 0.8579	\$	86,367	100,676	\$	1.9868	\$	200,027	\$ 286,394
September	92,086	\$ 3.5958	\$ 331,120	94,136	\$ 0.8566	\$	80,641	94,136	\$	1.9835	\$	186,717	\$ 267,358
October	61,279	\$ 3.5938	\$ 220,226	64,991	\$ 0.8567	\$	55,678	64,991	\$	1.9836	\$	128,919	\$ 184,597
November	69,997	\$ 3.5753	\$ 250,260	73,681	\$ 0.8529	\$	62,842	73,681	\$	1.9732	\$	145,390	\$ 208,232
December	81,490	\$ 3.5831	\$ 291,984	81,922	\$ 0.8537	\$	69,940	81,922	\$	1.9755	\$	161,839	\$ 231,779
Total	927,899	\$ 3.60	\$ 3,336,425	968,680	\$ 0.86	\$	829,961	968,680	\$	1.98	\$	1,921,761	\$ 2,751,722
								Low Voltage Swite	ch	gear Cre	dit (i	f applicable)	\$ -
						-	Total including	deduction for Lov	N V	oltage S	witc	hgear Credit	\$ 2,751,722



Total

128,137 \$

3.19 \$

409,296

# **Incentive Regulation Model for 2018 Filers**

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

IESO	Netwo	ork	Line Connection	n	Transformation	Connection	Total Connection
Month	Units Billed Rate	e Amount	Units Billed Rate	Amount	Units Billed Rate	e Amount	Amount
January	65,317 \$ 3.66	600 \$ 239,060	70,464 \$ 0.8700	\$ 61,304	70,464 \$ 2.02	200 \$ 142,337	\$ 203,641
February	64,962 \$ 3.60	600 \$ 237,761	66,956 \$ 0.8700	\$ 58,252	66,956 \$ 2.02	200 \$ 135,251	\$ 193,503
March	60,619 \$ 3.66	600 \$ 221,866	63,264 \$ 0.8700	\$ 55,040	63,264 \$ 2.02	200 \$ 127,793	\$ 182,833
April	58,931 \$ 3.66	600 \$ 215,687	63,248 \$ 0.8700	\$ 55,026	63,248 \$ 2.02	200 \$ 127,761	\$ 182,787
May	59,426 \$ 3.66	600 \$ 217,499	66,029 \$ 0.8700	\$ 57,445	66,029 \$ 2.02	200 \$ 133,379	\$ 190,824
June	69,473 \$ 3.66	600 \$ 254,271	72,210 \$ 0.8700	\$ 62,823	72,210 \$ 2.02	200 \$ 145,864	\$ 208,687
July	80,002 \$ 3.66	600 \$ 292,807	81,853 \$ 0.8700	\$ 71,212	81,853 \$ 2.02	200 \$ 165,343	\$ 236,555
August	83,769 \$ 3.60	600 \$ 306,595	88,343 \$ 0.8700	\$ 76,858	88,343 \$ 2.02	200 \$ 178,453	\$ 255,311
September	79,388 \$ 3.60	600 \$ 290,560	81,438 \$ 0.8700	\$ 70,851	81,438 \$ 2.02	200 \$ 164,505	\$ 235,356
October	52,573 \$ 3.66	600 \$ 192,417	56,261 \$ 0.8700	\$ 48,947	56,261 \$ 2.02	200 \$ 113,647	\$ 162,594
November	57,269 \$ 3.60	600 \$ 209,605	60,953 \$ 0.8700	\$ 53,029	60,953 \$ 2.02	200 \$ 123,125	\$ 176,154
December	68,033 \$ 3.66	600 \$ 249,001	68,465 \$ 0.8700	\$ 59,565	68,465 \$ 2.02	200 \$ 138,299	\$ 197,864
Total	799,762 \$ 3	3.66 \$ 2,927,129	839,484 \$ 0.87	\$ 730,351	839,484 \$ 2	.02 \$ 1,695,758	\$ 2,426,109
Hydro One	Netwo	ork	Line Connection	n	Transformation	Connection	<b>Total Connection</b>
Month	Units Billed Rate	e Amount	Units Billed Rate	Amount	Units Billed Rate	e Amount	Amount
January	9,889 \$ 3.19	942 \$ 31,587	9.889 \$ 0.7710	\$ 7,624	9,889 \$ 1.74	93 \$ 17,299	\$ 24,923
February	6,962 \$ 3.19		7,513 \$ 0.7710		7,513 \$ 1.74		\$ 18,935
March	11,292 \$ 3.19		11,292 \$ 0.7710	\$ 8,706	11,292 \$ 1.74	93 \$ 19,752	\$ 28,458
April	8,707 \$ 3.19		9,191 \$ 0.7710		9,191 \$ 1.74	93 \$ 16,077	\$ 23,163
May	10,602 \$ 3.19	942 \$ 33,865	10,602 \$ 0.7710	\$ 8,174	10,602 \$ 1.74	193 \$ 18,546	\$ 26,721
June	9,524 \$ 3.19	942 \$ 30,422	9,524 \$ 0.7710	\$ 7,343	9,524 \$ 1.74	93 \$ 16,661	\$ 24,004
July	11,241 \$ 3.19	942 \$ 35,905	11,241 \$ 0.7710	\$ 8,666	11,241 \$ 1.74	193 \$ 19,663	\$ 28,330
August	12,333 \$ 3.19	942 \$ 39,394	12,333 \$ 0.7710	\$ 9,509	12,333 \$ 1.74	93 \$ 21,574	\$ 31,083
September	12,698 \$ 3.19	942 \$ 40,560	12,698 \$ 0.7710	\$ 9,790	12,698 \$ 1.74	93 \$ 22,212	\$ 32,003
October	8,706 \$ 3.19	942 \$ 27,809	8,730 \$ 0.7710	\$ 6,731	8,730 \$ 1.74	93 \$ 15,271	\$ 22,002
November	12,728 \$ 3.19	942 \$ 40,656	12,728 \$ 0.7710	\$ 9,813	12,728 \$ 1.74	193 \$ 22,265	\$ 32,078
December	13,457 \$ 3.19	942 \$ 42,984	13,457 \$ 0.7710	\$ 10,375	13,457 \$ 1.74	193 \$ 23,540	\$ 33,915

129,196 \$

0.77 \$

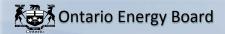
99,610

129,196 \$

1.75 \$

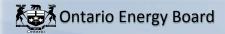
226,003

325,613



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

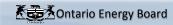
Add Extra Host Here (I)		Network		Li	ine Connecti	ion	Transfo	ormation Co	nnection	<b>Total Connection</b>
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -		\$ -	\$ -	-	\$ -	\$ -	\$ -
Add Extra Host Here (II)		Network		Li	ine Connecti	ion	Transfo	ormation Co	nnection	<b>Total Connection</b>
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		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -



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

Total		Ne	etwork		Li	ne (	Connect	ion		Transfo	rma	tion Co	nne	ction	Tota	I Connection
Month	Units Billed	I	Rate	Amount	Units Billed		Rate		Amount	Units Billed		Rate		Amount		Amount
January	75,206	\$	3.60	\$ 270,647	80,353	\$	0.86	\$	68,928	80,353	\$	1.99	\$	159,636	\$	228,564
February	71,924	\$	3.61	\$ 259,998	74,469	\$	0.86	\$	64,044	74,469	\$	1.99	\$	148,393	\$	212,438
March	71,911	\$	3.59	\$ 257,933	74,556	\$	0.86	\$	63,745	74,556	\$	1.98	\$	147,546	\$	211,291
April	67,638	\$	3.60	\$ 243,499	72,439	\$	0.86	\$	62,112	72,439	\$	1.99	\$	143,838	\$	205,950
May	70,028	\$	3.59	\$ 251,364	76,631	\$	0.86	\$	65,619	76,631	\$	1.98	\$	151,925	\$	217,544
June	78,997	\$	3.60	\$ 284,693	81,734	\$	0.86	\$	70,166	81,734	\$	1.99	\$	162,525	\$	232,691
July	91,243	\$	3.60	\$ 328,712	93,094	\$	0.86	\$	79,879	93,094	\$	1.99	\$	185,006	\$	264,885
August	96,102	\$	3.60	\$ 345,988	100,676	\$	0.86	\$	86,367	100,676	\$	1.99	\$	200,027	\$	286,394
September	92,086	\$	3.60	\$ 331,120	94,136	\$	0.86	\$	80,641	94,136	\$	1.98	\$	186,717	\$	267,358
October	61,279	\$	3.59	\$ 220,226	64,991	\$	0.86	\$	55,678	64,991	\$	1.98	\$	128,919	\$	184,597
November	69,997	\$	3.58	\$ 250,260	73,681	\$	0.85	\$	62,842	73,681	\$	1.97	\$	145,390	\$	208,232
December	81,490	\$	3.58	\$ 291,984	81,922	\$	0.85	\$	69,940	81,922	\$	1.98	\$	161,839	\$	231,779
Total	927,899	\$	3.60	\$ 3,336,425	968,680	\$	0.86	\$	829,961	968,680	\$	1.98	\$	1,921,761	\$	2,751,722
										Low Voltage Sw	itch	gear Cr	edit (	(if applicable)	\$	-
									Total includi	ng deduction for Lo	w V	oltage	Swite	chgear Credit	\$	2,751,722

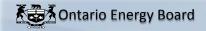
Filed: August 14, 2017



## **Incentive Regulation Model for 2018 Filers**

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

	5 Network Nates 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 General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Embedded Distributor Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0067 0.0057 2.4230 2.4230 0.0060 2.0649 1.7934	212,898,661 72,757,453 1,491,490	0 0 581,862 14,550 0 2,173 6,414	1,426,421 414,717 1,409,852 35,255 8,949 4,487 11,502	43.1% 12.5% 42.6% 1.1% 0.3% 0.1% 0.3%	1,437,295 417,879 1,420,600 35,523 9,017 4,521 11,590	0.0068 0.0057 2.4415 2.4415 0.0060 2.0806 1.8071
The purpose of this table is to re-align the current RT	S 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 General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Embedded Distributor Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0057 0.0049 2.0556 2.0556 0.0050 1.6775 1.5684	212,898,661 72,757,453 1,491,490	0 0 581,862 14,550 0 2,173 6,414	1,213,522 356,512 1,196,076 29,909 7,457 3,645 10,059	43.1% 12.7% 42.5% 1.1% 0.3% 0.1% 0.4%	1,185,326 348,228 1,168,285 29,214 7,284 3,560 9,825	0.0056 0.0048 2.0078 2.0078 0.0049 1.6385 1.5320
The purpose of this table is to update the re-aligned F	TS Network Rates to recover future wholesale network costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification General Service Less Than 50 kW Service Classification General Service Less Than 50 kW Service Classification Embedded Distributor Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW			0 0 581,862 14,550 0 2,173 6,414			Wholesale	RTSR-
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Embedded Distributor Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh	0.0068 0.0057 2.4415 2.4415 0.0060 2.0806	Billed kWh 212,898,661 72,757,453	0 0 581,862 14,550 0 2,173	Amount 1,437,295 417,879 1,420,600 35,523 9,017 4,521	43.1% 12.5% 42.6% 1.1% 0.3% 0.1%	Wholesale Billing 1,437,295 417,879 1,420,600 35,523 9,017 4,521	RTSR- Network 0.0068 0.0057 2.4415 2.4415 0.0060 2.0806
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Embedded Distributor Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh	0.0068 0.0057 2.4415 2.4415 0.0060 2.0806	Billed kWh 212,898,661 72,757,453	0 0 581,862 14,550 0 2,173	Amount 1,437,295 417,879 1,420,600 35,523 9,017 4,521	43.1% 12.5% 42.6% 1.1% 0.3% 0.1%	Wholesale Billing 1,437,295 417,879 1,420,600 35,523 9,017 4,521	RTSR- Network 0.0068 0.0057 2.4415 2.4415 0.0060 2.0806



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

Price Escalator	1.90%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	26,074	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	IV	Price Cap Index	1.45%	Billed kWh for Residential Class (approved in the last CoS)		OEB-approved # of Transition Years	5
Associated Stretch Factor Value	0.45%			But But a Foreith a Variable	3		

**Rate Design Transition Years Left** 

7.4%

2.62

85.3%

14.7%

30.34

0.0081

9,493,022

1,630,484

11.123.506

Price Cap Index to Proposed MFC Adjustment Current be Applied to MFC Volumetric Current MFC from R/C Model Volumetric Charge DVR Adjustment from R/C Model Rate Class and DVR Proposed MFC Charge 27.72 30.78 0.0082 RESIDENTIAL SERVICE CLASSIFICATION 0.0122 1.45% GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION 30.02 0.0244 1.45% 30.46 0.0248 7.0854 GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION 161.31 163.65 7.1881 1.45% EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION 580.48 8.1509 1.45% 588.90 8.2691 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION 47.33 0.0257 1.45% 48.02 0.0261 STANDBY POWER SERVICE CLASSIFICATION 0 1.1676 1.45% 0.00 1.1845 5.41 6.2695 1.45% 5.49 6.3604 SENTINEL LIGHTING SERVICE CLASSIFICATION STREET LIGHTING SERVICE CLASSIFICATION 3.89 8.4588 1.45% 3.95 8.5815 microFIT SERVICE CLASSIFICATION 5.4 5.4 Incremental Fixed Revenue from Revenue at New **Current F/V Split Decoupling MFC Split** Charge New F/V Split Adjusted Rates<sup>1</sup> Rates F/V Split Rate Design Transition (\$/month/year)

77.9%

22.1%

27.7200

0.0122

8,673,255

2,455,790

11.129.046

Current Residential Fixed Rate (inclusive of R/C adj.)

Current Residential Variable Rate (inclusive of R/C adj.)

<sup>&</sup>lt;sup>1</sup> These are the residential rates to which the Price Cap Index will be applied to. Wheeling Service Rate will be adjusted for PCI on Sheet 19.



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

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

#### Time-of-Use RPP Prices

Bogulatory Charges

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

#### **Debt Retirement Charge (DRC)**

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

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# Tab 18 Intentionally Omitted – Not Applicable (No Additional Rate Riders Proposed)

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# Tab 19 Intentionally Omitted – See Schedule "E" for Proposed Tariff of Rates and Charges

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# **Incentive Regulation Model for 2018 Filers**

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filling Requirements For Electricity Distribution Rate Applications.

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

#### Note

- 1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- 2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

#### Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of
		Other:						devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0530	1.053	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0530	1.053	2,000		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0530	1.053	20,000	60	DEMAND	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0530	1.053	433,813	1,160	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0530	1.053	3,500		N/A	1
STANDBY POWER SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0530	1.053		4,500	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0530	1.053	1,400	5	DEMAND	18
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0530	1.053	5,400	15	DEMAND	124
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0530	1.053	210		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required					_	_		
Add additional scenarios if required								
Add additional scenarios if required								

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#### Table 2

RATE CLASSES / CATEGORIES					Suk	-Total				Total			
(eg: Residential TOU, Residential Retailer)	Units		Α			В		(	С		A + B + C		
. •			\$	%	\$	%		\$	%		\$	%	
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	(0.95)	-2.5%	\$ 3.02	7.5%	\$	3.02	6.0%	\$	3.17	2.6%	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$	(1.04)	-1.2%	\$ 9.96	11.4%	\$	9.75	8.9%	\$	10.24	3.3%	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	(8.14)	-1.3%	\$ (225.50)	-31.2%	\$	(227.25)	-22.9%	\$	(256.80)	-6.4%	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	(916.87)	-8.3%	\$ (5,795.52)	-43.7%	\$	(5,829.50)	-31.6%	\$	(6,587.34)	-7.9%	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$	(18.75)	-11.9%	\$ 0.15	0.1%	\$	(0.22)	-0.1%	\$	(0.25)	0.0%	
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	76.05	1.4%	\$ 76.05	1.4%	\$	76.05	1.4%	\$	86.22	1.5%	
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$	(1.91)	-1.4%	\$ 5.61	4.2%	\$	5.50	3.6%	\$	6.21	1.9%	
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	93.77	17.9%	\$ 26.57	4.5%	\$	26.23	4.1%	\$	29.64	2.0%	
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	0.40	1.2%	\$ 1.51	4.5%	\$	1.51	4.2%	\$	1.58	2.8%	
	†	1											
	†	1											
	†	1											
	1	1					-						

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		Current Of	B-Approved				Proposed				lm	pact
		Rate (\$)	Volume	Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge	\$	27.72	1	\$ 27.72	\$	30.78	1	\$	30.78		3.06	11.04%
Distribution Volumetric Rate	\$	0.0122	750	\$ 9.15	\$	0.0082	750	\$	6.15	\$	(3.00)	-32.79%
Fixed Rate Riders	\$	2.05	1	\$ 2.05	\$	(0.09)	1	\$	(0.09)	\$	(2.14)	-104.39%
Volumetric Rate Riders	-\$	0.0011	750		\$	0.0004	750		0.30	\$	1.13	-136.36%
Sub-Total A (excluding pass through)				\$ 38.10				\$	37.14	\$	(0.95)	-2.51%
Line Losses on Cost of Power	\$	0.0822	40	\$ 3.27	\$	0.0822	40	\$	3.27	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	-\$	0.0030	750	\$ (2.25)	\$	0.0021	750	\$	1.58	\$	3.83	-170.00%
CBR Class B Rate Riders	\$	-	750	\$ -	\$	0.0002	750	\$	0.15		0.15	
GA Rate Riders	\$	-	750	\$ -	\$	-	750	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0003	750	\$ 0.23	\$	0.0003	750	\$	0.23	\$	-	0.00%
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$ 0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Account Rate Riders				_								
Additional Volumetric Rate Riders (Sheet 18)			750	\$ -	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub- Total A)				\$ 40.13				\$	43.15	\$	3.02	7.53%
RTSR - Network	\$	0.0067	790	\$ 5.29	\$	0.0068	790	\$	5.37	\$	0.08	1.49%
RTSR - Connection and/or Line and	\$	0.0057	790	\$ 4.50	\$	0.0056	790	\$	4.42	œ	(0.08)	-1.75%
Transformation Connection	Ą	0.0037	790	φ 4.50	Ψ	0.0030	790	9	4.42	φ	(0.08)	-1.75/0
Sub-Total C - Delivery (including Sub- Total B)				\$ 49.92				\$	52.94	\$	3.02	6.05%
Wholesale Market Service Charge (WMSC)	\$	0.0036	790	\$ 2.84	\$	0.0036	790	\$	2.84	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0003	790	\$ 0.24	\$	0.0003	790	\$	0.24	\$	-	0.00%
Standard Supply Service Charge	s	0.25	1	\$ 0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	•	V.20	·	Ţ 0.20	Ť	3.20			0.20	Ť		0.0070
TOU - Off Peak	s	0.0650	488	\$ 31.69	\$	0.0650	488	\$	31.69	\$	-	0.00%
TOU - Mid Peak	Š	0.0950	128	\$ 12.11	\$	0.0950	128	\$	12.11	\$	-	0.00%
TOU - On Peak	\$	0.1320	135	\$ 17.82	\$	0.1320		\$	17.82	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$ 114.87				\$	117.89	e	3.02	2.63%
HST		13%		\$ 114.67 \$ 14.93		13%		\$	15.33		0.39	2.63%
8% Rebate		13%		\$ (9.19)		8%		\$	(9.43)		(0.24)	2.03%
Total Bill on TOU		8%		\$ (9.19) \$ 120.61		8%		\$	(9.43) <b>123.78</b>		3.17	2.63%
TOTAL DILL OIL TOU				φ 120.01				φ	123.70	Ψ	3.17	2.03%

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1.0530

Proposed/Approved Loss Factor

Monthly Service Charge	Rate (\$)	Volume	01					
	(\$)		Charge	Rate	Volume	Charge		
			(\$)	(\$)		(\$)	\$ Change	% Change
British Britis	\$ 30.02		\$ 30.02	\$ 30.46	1	\$ 30.46		1.47%
Distribution Volumetric Rate	\$ 0.0244	2000		\$ 0.0248	2000	\$ 49.60		1.64%
Fixed Rate Riders	\$ 0.88	1	\$ 0.88	\$ -	1	\$ -	\$ (0.88)	-100.00%
Volumetric Rate Riders	\$ 0.0021	2000		\$ 0.0014	2000		\$ (1.40)	-33.33%
Sub-Total A (excluding pass through)			\$ 83.90			\$ 82.86	\$ (1.04)	
Line Losses on Cost of Power	\$ 0.0822	106	\$ 8.71	\$ 0.0822	106	\$ 8.71	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0033	2,000	\$ (6.60)	\$ 0.0020	2,000	\$ 4.00	\$ 10.60	-160.61%
Riders	-ψ 0.0033		Ψ (0.00)	,	1	*	*	-100.0170
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0002	2,000	\$ 0.40		
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0002	2,000	\$ 0.40	\$ 0.0002	2,000	\$ 0.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 87.20			\$ 97.16	\$ 9.96	11.42%
Total A)			* ***			•	*	***
RTSR - Network	\$ 0.0057	2,106	\$ 12.00	\$ 0.0057	2,106	\$ 12.00	\$ -	0.00%
RTSR - Connection and/or Line and	\$ 0.0049	2,106	\$ 10.32	\$ 0.0048	2,106	\$ 10.11	\$ (0.21)	-2.04%
Transformation Connection	9.0043	2,100	Ψ 10.32	φ 0.0040	2,100	Ψ 10.11	Ψ (0.21)	-2.0470
Sub-Total C - Delivery (including Sub-			\$ 109.52			\$ 119.27	\$ 9.75	8.90%
Total B)			Ψ 103.32			Ψ 113.27	\$ 3.75	0.30 /8
Wholesale Market Service Charge	\$ 0.0036	2,106	\$ 7.58	\$ 0.0036	2,106	\$ 7.58	\$ -	0.00%
(WMSC)	\$ 0.0030	2,100	φ 7.56	\$ 0.0030	2,100	φ 7.56	φ -	0.00 /6
Rural and Remote Rate Protection	\$ 0.0003	2,106	\$ 0.63	\$ 0.0003	2.106	\$ 0.63	\$ -	0.00%
(RRRP)	φ 0.0003	2,106	φ 0.63	φ 0.0003	2,100	φ 0.63	φ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070		\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0650		\$ 84.50	\$ 0.0650	1,300	\$ 84.50		0.00%
TOU - Mid Peak	\$ 0.0950	340	\$ 32.30	\$ 0.0950	340	\$ 32.30	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 296.31			\$ 306.06	\$ 9.75	3.29%
HST	13%	5	\$ 38.52	13%	5	\$ 39.79	\$ 1.27	3.29%
8% Rebate	8%	5	\$ (23.70)	8%	5	\$ (24.48)		1
Total Bill on TOU			\$ 311.12			\$ 321.36	\$ 10.24	3.29%

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Customer Class:

RPP / Non-RPP:

Consumption

Demand

urrent Loss Factor

| Customer Class:
| Cancel Classification | Consumption | Consumptio

Current Loss Factor Proposed/Approved Loss Factor 1.0530

Distribution Volumetric Rate   \$ 7.0854   60   \$ 425.12   \$ 7.1881   60   \$ 431.29   \$ 6.16   1.45%		Current C	EB-Approve	i		Proposed		In	npact
Monthly Service Charge   \$   161.31   1   \$   161.31   5   163.65   1   \$   163.65   \$   2.24   1.45%		Rate	Volume	Charge	Rate	Volume	Charge		
Distribution Volumetric Rate   \$ 7.0854   60   \$ 425.12   \$ 7.1881   60   \$ 431.29   \$ 6.16   1.45%									
Fixed Rate Riders   \$   4.74   1   \$   4.74   \$     1   \$     1   \$     \$	Monthly Service Charge					1			
Volumetric Rate Riders   \$ 0.2996   60   \$ 17.98   \$ 0.1012   60   \$ 6.07   \$ (11.90)   -66.22%	Distribution Volumetric Rate					60	\$ 431.29		
Sub-Total A (excluding pass through)						1			
Line Losses on Cost of Power Total Deferral/Variance Account Rate Riders		\$ 0.2996	60		\$ 0.1012	60			
Total Deferral/Variance Account Rate Riders -\$ 1.0433 60 \$ (62.60) \$ 0.6493 60 \$ 38.96 \$ 101.56 1-162.24% Riders \$ 0.0079 20.000 \$ 1.58.00 \$ 0.0082 20.000 \$ (164.00) \$ (322.00) -203.80% Account Rate Riders \$ 0.1011 60 \$ 6.07 \$ 0.1011 60 \$ 6.07 \$ 0.1011 60 \$ 6.07 \$ 0.1011 60 \$ 6.07 \$ 0.1011 60 \$ 6.07 \$ 0.1011 1 1 \$ 11.41 1 \$					_				-1.34%
Riders CBR Class B Rate Riders \$		\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Riders GAR Class B Rate Riders S 0.0079 20,000 \$ 158.00 -\$ 0.0082 20,000 \$ (164.00) \$ (322.00) -203.80%   Low Voltage Service Charge S 0.1011 60 \$ 6.07 \$ 0.1011 60 \$ 6.07 \$ 0.1011 60 \$ 6.07 \$ - 0.00%   Smart Meter Entity Charge (if applicable)   and/or any fixed (§) Deferral/Variance S 11.41 1 \$ 11.41 1 \$ 11.41 1 \$ 11.41 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 11.41 \$ 1 \$ 1 \$ 11.41 \$ 1 \$ 1 \$ 11.41 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$		-\$ 1.0433	60	\$ (62.60)	\$ 0.6493	60	\$ 38.96	\$ 101.56	-162.24%
GA Rate Riders \$ 0.0079   20,000   \$ 158.00   \$ 0.0082   20,000   \$ (164.00)   \$ (322.00)   -203.80%   Low Voltage Service Charge (if applicable)   5 0.1011   60   \$ 6.07   \$ 0.1011   60   \$ 6.07   \$ 0.00%   S 0.1011   60   \$ 6.07   \$ 0.00%   S 0.1011   60   \$ 6.07   \$ 0.00%   S 0.00%   S 0.00%   S 0.1011   50   \$ 0.00%   S 0.00%   S 0.1011   S 0.00%   S 0.0				1	*		,	•	
Low Voltage Service Charge   \$   0.1011   60   \$   6.07   \$   0.1011   60   \$   6.07   \$   0.1001   60   \$   6.07   \$   0.1001   60   \$   6.07   \$   0.1001   60   \$   6.07   \$   0.00%   \$   0.00%				Ψ					
Smart Meter Entity Charge (if applicable) and/or any fixed (§) Deferral/Variance   \$ 11.41   1   \$ 11.41   1   \$ 11.41   1   \$ 11.41   1   \$ 11.41   \$ 1.4									
and/or any fixed (§) Deferral/Variance \$ 11.41   1   \$ 11.41   1   \$ 11.41   1   \$ 11.41   1   \$ 11.41   \$ - 0.00%   Account Rate Riders (Sheet 18)		\$ 0.1011	60	\$ 6.07	\$ 0.1011	60	\$ 6.07	\$ -	0.00%
Account Rate Riders Additional Volumetric Rate Riders (Sheet 18)  5			1					_	
Additional Volumetric Rate Riders (Sheet 18) 60 \$ - \$ - 60 \$ - \$ - 5 - 70		\$ 11.41	1	\$ 11.41	\$ 11.41	1	\$ 11.41	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)   \$ 722.03   \$ 496.53 \$ (225.50)   -31.23%					•				
Total A			60	\$ -	\$ -	60	\$ -	\$ -	
RTSR - Network RTSR - Network RTSR - Connection and/or Line and Transformation Connection \$ 2.0556 60 \$ 145.38 \$ 2.4415 60 \$ 146.49 \$ 1.11 0.76% RTSR - Connection and/or Line and Transformation Connection \$ 2.0556 60 \$ 123.34 \$ 2.0078 60 \$ 120.47 \$ (2.87) -2.33% Sub-Total C - Delivery (including Sub-Total B) \$ 990.74 \$ 763.49 \$ (227.25) -22.94% Wholesale Market Service Charge (MMSC) \$ 0.0036 21,060 \$ 75.82 \$ 0.0036 21,060 \$ 75.82 \$ - 0.00% (MMSC) Rural and Remote Rate Protection (RRRP) \$ 0.0003 21,060 \$ 6.32 \$ 0.0003 21,060 \$ 6.32 \$ - 0.00% (RRRP) Standard Supply Service Charge \$ 0.25 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ - 0.00% Debt Retirement Charge (DRC) \$ 0.0070 20,000 \$ 140.00 \$ 0.0070 20,000 \$ 140.00 \$ 2.318.71 \$ - 0.00% Average IESO Wholesale Market Price \$ 3.531.83 \$ \$ 3.531.83 \$ \$ 3.304.58 \$ (227.25) -6.43% HST				\$ 722.03			\$ 496.53	\$ (225.50)	-31.23%
RTSR - Connection and/or Line and Transformation Connection \$ 2.0556 60 \$ 123.34 \$ 2.0078 60 \$ 120.47 \$ (2.87) -2.33%   Sub-Total C - Delivery (including Sub-Total B) \$ 990.74 \$ 990.74 \$ 763.49 \$ (227.25) -22.94%   Wholesale Market Service Charge (WMSC) \$ 0.0036 21,060 \$ 75.82 \$ 0.0036 21,060 \$ 75.82 \$ - 0.00%   (RRRP) \$ 0.0003 21,060 \$ 6.32 \$ 0.0003 21,060 \$ 6.32 \$ - 0.00%   (RRRP) \$ 0.005 1 \$ 0.25 1 \$ 0.25 1 \$ 0.25 1 \$ 0.25 \$ - 0.00%   Standard Supply Service Charge (DRC) \$ 0.0070 20,000 \$ 140.00 \$ 0.0070 20,000 \$ 140.00 \$ - 0.00%   Average IESO Wholesale Market Price \$ 0.1101 21,060 \$ 2,318.71 \$ 0.1101 21,060 \$ 2,318.71 \$ - 0.00%   HST \$ 429.60 \$ (227.25) -6.43%		¢ 0.4000	00	A 45 00	¢ 0.444E		<b>.</b> 440.40		0.700/
Transformation Connection   \$ 2.0556   60   \$ 123.34   \$ 2.0078   60   \$ 120.47   \$ (2.87)   -2.33%	***************************************	\$ 2.4230	60	\$ 145.38	\$ 2.4415	60	\$ 146.49	\$ 1.11	0.76%
Sub-Total C - Delivery (including Sub-Total B)   \$ 990.74   \$ 990.74   \$ 763.49 \$ (227.25) -22.94%		\$ 2.0556	60	\$ 123.34	\$ 2.0078	60	\$ 120.47	\$ (2.87)	-2.33%
Total B									
Wholesale Market Service Charge (VMSC)         \$ 0.0036         21,060         \$ 75.82         \$ 0.0036         21,060         \$ 75.82         \$ - 0.00%           Rural and Remote Rate Protection (RRRP)         \$ 0.0003         21,060         \$ 6.32         \$ 0.0003         21,060         \$ 6.32         \$ - 0.00%           Standard Supply Service Charge Debt Retirement Charge (DRC)         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         \$ 0.0070         20,000         \$ 140.00         \$ 0.0070         \$ 0.0070         <				\$ 990.74			\$ 763.49	\$ (227.25)	-22.94%
(WMSC)         \$ 0.0036         21,060         \$ 75.82         \$ 0.009         \$ 1,060         \$ 75.82         \$ 0.009         \$ 1,060 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>									
Rural and Remote Rate Protection (RRRP) \$ 0.0003 21,060 \$ 6.32 \$ 0.0003 21,060 \$ 6.32 \$ - 0.00% (RRRP) \$ 0.005 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ 0.25 \$ - 0.00% Standard Supply Service Charge (DRC) \$ 0.0070 20,000 \$ 140.00 \$ 0.0070 20,000 \$ 140.00 \$ - 0.00% Average IESO Wholesale Market Price \$ 0.1101 21,060 \$ 2,318.71 \$ 0.1101 21,060 \$ 2,318.71 \$ - 0.00% HST Total Bill on Average IESO Wholesale Market Price   \$ 3,531.83 \$ 429.60 \$ (227.25) -6.43% HST   13%   5 449.60 \$ (29.54) -6.43%		\$ 0.0036	21,060	\$ 75.82	\$ 0.0036	21,060	\$ 75.82	\$ -	0.00%
(RRRP) \$ 0.0003 21,060 \$ 6.32 \$ 0.0003 21,060 \$ 6.32 \$ - 0.00% Standard Supply Service Charge \$ 0.25 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ - 0.00% Debt Retirement Charge (DRC) \$ 0.0070 20,000 \$ 140,00 \$ 0.0070 20,000 \$ 140,00 \$ - 0.00% Average IESO Wholesale Market Price \$ 0.1101 21,060 \$ 2,318.71 \$ 0.1101 21,060 \$ 2,318.71 \$ - 0.00% Standard Supply Service Charge (DRC) \$ 0.00% \$ 0.0070 20,000 \$ 140,00 \$ 0.0070 20,000 \$ 0.0070 20,000 \$ 140,00 \$ 0.0070 20,000 \$ 0.0070 20,000 \$ 140,00 \$ 0.0070 20,000 \$ 0									
Standard Supply Service Charge   \$ 0.25   1   \$ 0.25   \$ 0.25   1   \$ 0.25   \$ 0.00%		\$ 0.0003	21,060	\$ 6.32	\$ 0.0003	21,060	\$ 6.32	\$ -	0.00%
Debt Retirement Charge (DRC) \$ 0.0070 20,000 \$ 140.00 \$ 0.0070 20,000 \$ 140.00 \$ 000% Average IESO Wholesale Market Price \$ 0.1101 21,060 \$ 2,318.71 \$ 0.00% S 2,318.71 \$ 0		\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price \$ 0.1101 21,060 \$ 2,318.71 \$ 0.1101 21,060 \$ 2,318.71 \$ - 0.00%  Total Bill on Average IESO Wholesale Market Price						20.000			
Total Bill on Average IESO Wholesale Market Price \$ 3,531.83									
HST 13% \$ 459.14 13% \$ 429.60 \$ (29.54) -6.43%		, ,	1,000					, ,	5155/5
HST 13% \$ 459.14 13% \$ 429.60 \$ (29.54) -6.43%	Total Bill on Average IESO Wholesale Market Price			\$ 3.531.83			\$ 3,304,58	\$ (227,25)	-6.43%
		139	,		13%				
	Total Bill on Average IESO Wholesale Market Price			\$ 3,990.97			\$ 3,734.18		-6.43%
								, , , , , ,	

2018 4th Generation IRM Application Canadian Niagara Power Inc. Schedule B - 2018 IRM Rate Generator Page 40 of 45 Filed: August 14, 2017

Current Loss Factor Proposed/Approved Loss Factor 1.0530

	Current O	EB-Approved	i		Proposed		In	pact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 580.48	1	\$ 580.48	\$ 588.90		\$ 588.90		1.45%
Distribution Volumetric Rate	\$ 8.1509	1160		\$ 8.2691	1160	\$ 9,592.16		1.45%
Fixed Rate Riders	\$ 214.33	1	\$ 214.33	\$ -	1	\$ -	\$ (214.33)	-100.00%
Volumetric Rate Riders	\$ 0.7311	1160		\$ -	1160		\$ (848.08)	-100.00%
Sub-Total A (excluding pass through)			\$ 11,097.93			\$ 10,181.06	\$ (916.87)	-8.26%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	-\$ 1.1794	1.160	\$ (1,368.10)	\$ 0.5793	1.160	\$ 671.99	\$ 2.040.09	-149.12%
Riders								
CBR Class B Rate Riders		1,160	\$ -	\$ 0.0566	.,	\$ 65.66		202 200/
GA Rate Riders	\$ 0.0079	433,813	\$ 3,427.12		433,813	\$ (3,557.27)		-203.80%
Low Voltage Service Charge	\$ 0.1011	1,160	\$ 117.28	\$ 0.1011	1,160	\$ 117.28	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	1.			•				
and/or any fixed (\$) Deferral/Variance	-	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders		4.400	•	•	4.400	•	•	
Additional Volumetric Rate Riders (Sheet 18)		1,160	\$ -	\$ -	1,160	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub- Total A)			\$ 13,274.22			\$ 7,478.71	\$ (5,795.52)	-43.66%
RTSR - Network	\$ 2.4230	1,160	\$ 2,810.68	\$ 2.4415	1,160	\$ 2,832.14	\$ 21.46	0.76%
RTSR - Connection and/or Line and	,		, , , , , , , , , , , , , , , , , , , ,		-			
Transformation Connection	\$ 2.0556	1,160	\$ 2,384.50	\$ 2.0078	1,160	\$ 2,329.05	\$ (55.45)	-2.33%
Sub-Total C - Delivery (including Sub-			\$ 18,469.40			\$ 12,639.90	\$ (5,829.50)	-31.56%
Total B)			\$ 10,409.40			\$ 12,039.90	\$ (5,629.50)	-31.36%
Wholesale Market Service Charge	\$ 0.0036	456,805	\$ 1,644.50	\$ 0.0036	456,805	\$ 1,644.50	s -	0.00%
(WMSC)	1	,	.,		,	* .,	*	
Rural and Remote Rate Protection	\$ 0.0003	456,805	\$ 137.04	\$ 0.0003	456,805	\$ 137.04	\$ -	0.00%
(RRRP)	,	,	· ·		,	•	*	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1 1	\$ 0.25		0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	433,813	\$ 3,036.69	\$ 0.0070	433,813	\$ 3,036.69		0.00%
Average IESO Wholesale Market Price	\$ 0.1101	456,805	\$ 50,294.24	\$ 0.1101	456,805	\$ 50,294.24	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 73.582.12	ı		\$ 67.752.62	\$ (5.829.50)	-7.92%
HST	13%	1	\$ 9,565.68	13%		\$ 8,807.84		-7.92%
Total Bill on Average IESO Wholesale Market Price	1376		\$ 83.147.80	13/6		\$ 76.560.46		-7.92%
Total Bill on Average 1200 Wildiesale market File			Ψ 05,147.00			Ψ 10,500.40	y (0,501.54)	-1.32/0
								_

2018 4th Generation IRM Application Canadian Niagara Power Inc. Schedule B - 2018 IRM Rate Generator Page 41 of 45 Filed: August 14, 2017

Customer Class:
RPP / Non-RPP:
Consumption 3,500 kWh

Demand

3,500 kWh - kW 1.0530 1.0530 Current Loss Factor Proposed/Approved Loss Factor

Fixed Rate Riders  Volumetric Rate Riders  Sub-Total A (excluding pass through)  Line Losses on Cost of Power  Total Deferral/Variance Account Rate Riders  CBR Class B Rate Riders  GA Rate Riders  S Low Voltage Service Charge  Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance  Account Rate Riders  Additional Volumetric Rate Riders (Sheet 18)  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)  Wishered Market Service Charge	47.33 0.0257 7.19 0.0039 0.0822 0.0033 - - 0.0002 -	Volume  1 3500 1 3500 1 186 3,500 3,500 3,500 1 3,500 1 3,600	\$ 7.19	\$ \$ \$	Rate (\$) 48.02 0.0261 - 0.0822 0.0019 0.0002 - 0.0002	3500 1 3500 186 3,500 3,500 3,500 3,500	\$ 91 \$ \$ 139 \$ 15 \$ 6	24 \$	1.40 (7.19) 5 (13.65) 6 (13.65) 7 (18.75) 7 (18.20) 7 (1	% Change 1.46% 1.56% -100.00% -100.00% -11.86% 0.00% -157.58%
Monthly Service Charge Distribution Volumetric Rate Fixed Rate Riders Volumetric Rate Riders Volumetric Rate Riders Volumetric Rate Riders Sub-Total A (excluding pass through) Line Losses on Cost of Power Total Deferral/Variance Account Rate Riders CBR Class B Rate Riders GA Rate Riders GA Rate Riders Low Voltage Service Charge Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) 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	0.0257 7.19 0.0039 0.0822 0.0033 - 0.0002 -	1 3500 186 3,500 3,500 3,500 3,500 1 3,500	\$ 47.33 \$ 89.95 \$ 7.19 \$ 13.65 \$ 158.12 \$ (11.55) \$ - \$ 0.70 \$ - \$ 162.51	\$ \$ \$ \$ \$ \$ \$ \$ \$	48.02 0.0261 - - 0.0822 0.0019 0.0002	3500 1 3500 186 3,500 3,500 3,500 3,500	\$ 48 \$ 91 \$ <b>5</b> 139 \$ 15 \$ 0 \$ 0 \$ 0	35 3 37 3 24 3 65 3 70 3 . 70 3	6 0.69 1.40 6 (7.19) 6 (7.19) 6 (13.65) 7 (18.75) 7 (18.20) 7 (18.	1.46% 1.56% -100.00% -100.00% -110.00% -11.86% 0.00% -157.58%
Distribution Volumetric Rate Fixed Rate Riders Volumetric Rate Riders Sub-Total A (excluding pass through) Line Losses on Cost of Power Total Deferral/Variance Account Rate Riders CBR Class B Rate Riders GBR Rate Riders GBR Rate Riders Low Voltage Service Charge Smart Meter Entity Charge (if applicable) and/or any fixed (§) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) Sub-Total B ITSR - Network RTSR - Connection and/or Line and Transformation Connection Sub-Total C - Delivery (including Sub- Total B) Wholesale Market Service Charge	0.0257 7.19 0.0039 0.0822 0.0033 - 0.0002 -	1 3500 186 3,500 3,500 3,500 3,500 1 3,500	\$ 89.95 \$ 7.19 \$ 13.65 \$ 158.12 \$ 15.24 \$ (11.55) \$ - \$ 0.70 \$ - \$ 162.51	\$ \$ \$ \$ \$ \$ \$ \$ \$	0.0261 - - 0.0822 0.0019 0.0002	3500 1 3500 186 3,500 3,500 3,500 3,500	\$ 91 \$ 5 \$ 139 \$ 15 \$ 6 \$ 5 \$ 0	35 3 37 3 24 3 65 3 70 3 . 70 3	1.40 (7.19) 5 (13.65) 6 (13.65) 7 (18.75) 7 (18.20) 7 (1	1.56% -100.00% -100.00% -11.86% 0.00% -157.58%
Fixed Rate Riders  Volumetric Rate Riders  \$ \text{Sub-Total A (excluding pass through)} \text{Line Losses on Cost of Power} \text{ In Losses of Power}  In Losses of	7.19 0.0039 0.0822 0.0033 - - 0.0002 -	1 3500 186 3,500 3,500 3,500 3,500 1 3,500	\$ 7.19 \$ 13.65 \$ 158.12 \$ 15.24 \$ (11.55) \$ - \$ 0.70 \$ - \$ 162.51	\$ \$ \$ \$ \$ \$ \$ \$ \$	0.0822 0.0019 0.0002	1 3500 186 3,500 3,500 3,500 3,500	\$ 139 \$ 15 \$ 6 \$ 0 \$ 5		(7.19) (13.65) (6 (18.75) (6 (6 18.20) (6 0.70) (6 (6 (6	-100.00% -100.00% -11.86% 0.00% -157.58%
Volumetric Rate Riders  Sub-Total A (excluding pass through) Line Losses on Cost of Power Total Deferral/Variance Account Rate Riders CBR Class B Rate Riders GA Rate Riders Low Voltage Service Charge Smart Meter Entity Charge (if applicable) and/or any fixed (§) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) Sub-Total B - Distribution (includes Sub-Total B) RTSR - Connection and/or Line and Transformation Connection Sub-Total C - Delivery (including Sub-Total B) Wholesale Market Service Charge	0.0039 0.0822 0.0033 - 0.0002 - 0.0060	186 3,500 3,500 3,500 3,500 1 3,500	\$ 13.65 \$ 158.12 \$ 15.24 \$ (11.55) \$ - \$ 0.70 \$ - \$ 162.51	\$ \$ \$ \$ \$ \$	0.0822 0.0019 0.0002	186 3,500 3,500 3,500 3,500	\$ 139 \$ 15 \$ 6 \$ 5 \$ 0	. 337 3 224 3 665 3 .70 3 . 3	(13.65) (18.75) (18.20) (18.20) (19.20	-100.00% -11.86% 0.00% -157.58%
Sub-Total A (excluding pass through)   Line Losses on Cost of Power   \$     Total Deferral/Variance Account Rate   Riders   \$     Riders   CBR Class B Rate Riders   \$     GA Rate Riders   \$     GA Rate Riders   \$     Low Voltage Service Charge   \$     Smart Meter Entity Charge (if applicable)     and/or any fixed (§) Deferral/Variance   \$     Account Rate Riders   Additional Volumetric Rate Riders (Sheet 18)     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)	0.0822 0.0033 - 0.0002 -	186 3,500 3,500 3,500 3,500 1 3,500	\$ 158.12 \$ 15.24 \$ (11.55) \$ - \$ 0.70 \$ - \$ 162.51	\$ \$ \$ \$ \$	0.0822 0.0019 0.0002	186 3,500 3,500 3,500 3,500	\$ 139 \$ 15 \$ 6 \$ 5 \$ 0	37 \$ 24 \$ 3 65 \$	(18.75) 6 - 18.20 6 0.70 6 6 6	-11.86% 0.00% -157.58% 0.00%
Line Losses on Cost of Power Total Deferral/Variance Account Rate Riders CBR Class B Rate Riders GA Rate Riders GA Rate Riders Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18)  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	0.0033 - - 0.0002 - 0.0060	3,500 3,500 3,500 3,500 1 3,500	\$ 15.24 \$ (11.55) \$ - \$ 0.70 \$ - \$ 162.51	\$ \$ \$ \$	0.0019 0.0002	3,500 3,500 3,500 3,500	\$ 15 \$ 6 \$ 0 \$ 5	24 \$	5 - 18.20 6 0.70 6 5	0.00% -157.58% 0.00%
Total Deferral/Variance Account Rate Riders CBR Class B Rate Riders GA Rate Riders SGA Rate Riders Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) 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	0.0033 - - 0.0002 - 0.0060	3,500 3,500 3,500 3,500 1 3,500	\$ (11.55) \$ - \$ 0.70 \$ - \$ - \$ 162.51	\$ \$ \$ \$	0.0019 0.0002	3,500 3,500 3,500 3,500	\$ 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	.65 \$	18.20 6 0.70 6 - 6 -	-157.58% 0.00%
Riders CBR Class B Rate Riders GA Rate Riders Low Voltage Service Charge Smart Meter Entity Charge (if applicable) and/or any fixed (§) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) 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	0.0002	3,500 3,500 3,500 1 3,500	\$ - \$ 0.70 \$ - \$ 162.51	\$ \$	0.0002	3,500 3,500 3,500	\$ 0 \$ \$ \$	.70 §	0.70 5 - 5 - 5 -	0.00%
Riders CBR Class B Rate Riders GA Rate Riders SGA Rate Riders Low Voltage Service Charge Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) 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	0.0002	3,500 3,500 3,500 1 3,500	\$ - \$ 0.70 \$ - \$ 162.51	\$ \$	0.0002	3,500 3,500 3,500	\$ 0 \$ \$ \$	.70 §	0.70 5 - 5 - 5 -	0.00%
Samart Riders	0.0002	3,500 3,500 1 3,500	\$ - \$ 0.70 \$ - \$ - \$ 162.51	\$	-	3,500 3,500	\$ \$ \$		- - - - -	
Low Voltage Service Charge Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18)  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	0.0060	3,500 1 3,500	\$ 0.70 \$ - \$ - \$ 162.51	\$	0.0002	3,500	\$ C	. 9	- - -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18) 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	0.0060	3,500	\$ - \$ - \$ 162.51	\$		1	\$	. 9	- - -	
and/or any fixed (\$) Deferral/Variance Account Rate Riders Additional Volumetric Rate Riders (Sheet 18)  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		•	\$ - \$ 162.51	·	-		\$	. 9	-	0.09%
Account Rate Riders Additional Volumetric Rate Riders (Sheet 18)  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		•	\$ - \$ 162.51	·	-		\$	. 9	-	0.09%
Additional Volumetric Rate Riders (Sheet 18)  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		•	\$ 162.51	\$	-	3,500	-			0.09%
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		•	\$ 162.51	\$	-	3,500	-			0.09%
Total A) RTSR - Network RTSR - Connection and/or Line and Transformation Connection Sub-Total C - Delivery (including Sub- Total B) Wholesale Market Service Charge		3,686	• • •				\$ 162	.66	0.15	0.09%
RTSR - Network  RTSR - Connection and/or Line and  Transformation Connection  Sub-Total C - Delivery (including Sub- Total B)  Wholesale Market Service Charge		3,686	• • •				D 102	.00	0.15	0.09%
RTSR - Connection and/or Line and Transformation Connection Sub-Total C - Delivery (Including Sub- Total B) Wholesale Market Service Charge		3,686	¢ 22.11							
Transformation Connection Sub-Total C - Delivery (including Sub- Total B) Wholesale Market Service Charge			\$ 22.11	\$	0.0060	3,686	\$ 22	.11 \$	-	0.00%
Transformation Connection  Sub-Total C - Delivery (including Sub- Total B)  Wholesale Market Service Charge	0.0050	3,686	\$ 18.43	\$	0.0049	3,686	\$ 18	.06	(0.37)	-2.00%
Total B) Wholesale Market Service Charge	0.0030	3,000	φ 10.43	P	0.0049	3,000	φ 10	.00	(0.37)	-2.00 /6
Wholesale Market Service Charge			\$ 203.05				\$ 202	.83	(0.22)	-0.11%
			ψ 205.05				¥ 202	.05	, (0.22)	-0.1176
(WMSC)	0.0036	3,686	\$ 13.27	\$	0.0036	3.686	\$ 13	.27		0.00%
	0.0030	3,000	Ψ 15.27	Ψ	0.0030	3,000	Ψ 10	.21	-	0.0078
Rural and Remote Rate Protection	0.0003	3,686	\$ 1.11	\$	0.0003	3.686	\$ 1	.11 9		0.00%
(RRRP)		3,000	*	1		-,	Ť	- 1	-	
Standard Supply Service Charge \$	0.25	1	\$ 0.25		0.25			.25		0.00%
	0.0070	3,500	\$ 24.50	\$	0.0070			.50		0.00%
	0.0650	2,275	\$ 147.88	\$	0.0650			.88		0.00%
	0.0950	595	\$ 56.53	\$	0.0950	595	\$ 56	.53	-	0.00%
TOU - On Peak \$	0.1320	630	\$ 83.16	\$	0.1320	630	\$ 83	.16	-	0.00%
Total Bill on TOU (before Taxes)			\$ 529.73					.52		-0.04%
HST	13%		\$ 68.87		13%			.84		-0.04%
Total Bill on TOU			\$ 598.60				\$ 598	.35	(0.25)	-0.04%

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		Current O	EB-Approved	d				Proposed				lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	-	1	\$		\$		1	\$	-	\$	-	
Distribution Volumetric Rate	\$	1.1676	4500	\$	5,254.20	\$	1.1845	4500	\$	5,330.25	\$	76.05	1.45%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	4500		-	\$	-	4500	\$	-	\$	-	
Sub-Total A (excluding pass through)				\$	5,254.20				\$	5,330.25	\$	76.05	1.45%
Line Losses on Cost of Power	\$	0.1101	-	\$	-	\$	0.1101	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	•	_	4,500	¢		•	_	4,500	\$		\$		
Riders	*	=			-	Ψ	-		Ψ	_	Ψ	_	
CBR Class B Rate Riders	\$	-	4,500		-	\$	-	4,500	\$	-	\$	-	
GA Rate Riders	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Low Voltage Service Charge	\$	-	4,500	\$	-			4,500	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)													
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Account Rate Riders													
Additional Volumetric Rate Riders (Sheet 18)			4,500	\$	-	\$	-	4,500	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	5,254.20				\$	5,330.25		76.05	1.45%
Total A)				, T	3,234.20				4	3,330.23	4	70.03	1.43/0
RTSR - Network	\$	-	4,500	\$	-	\$	-	4,500	\$	-	\$	-	
RTSR - Connection and/or Line and	•	_	4,500	¢		•	_	4,500	\$	_	\$		
Transformation Connection	¥		4,500	Ψ	_	4	_	4,300	¥		÷	_	
Sub-Total C - Delivery (including Sub-				\$	5,254.20				\$	5,330.25	s	76.05	1.45%
Total B)				۳	0,204.20				Ψ	0,000.20	۳	70.00	1.4070
Wholesale Market Service Charge	\$	_	_	\$		\$	_		\$		\$		
(WMSC)	*			Ψ		Ψ			Ψ		Ψ		
Rural and Remote Rate Protection	•	0.0003	_	\$	_	•	_	_	\$	_	\$	_	
(RRRP)	*	0.0000		1		Ψ			*		Ť		
Standard Supply Service Charge	\$	-	1	\$	-	\$	0.25	1	\$	0.25	\$	0.25	
Debt Retirement Charge (DRC)	\$	0.0070	-	\$	-	\$	0.0070	-	\$	-	\$	-	
Average IESO Wholesale Market Price	\$	0.1101	-	\$	-	\$	0.1101	-	\$	-	\$	-	
Total Bill on Average IESO Wholesale Market Price	1			\$	5,254.20				\$	5,330.50		76.30	1.45%
HST		13%		\$	683.05		13%		\$	692.97	\$	9.92	1.45%
Total Bill on Average IESO Wholesale Market Price				\$	5,937.25				\$	6,023.47	\$	86.22	1.45%

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Customer Class:
RPP / Non-RPP:
Consumption 1,400 kWh

1,400 kWh 5 kW 1.0530 1.0530 Demand Current Loss Factor

Proposed/Approved Loss Factor

	Current	OEB-Approve	<u> </u>	1	Proposed		In	npact
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.4	1 18		\$ 5.49	18			1.48%
Distribution Volumetric Rate	\$ 6.269	5 5	\$ 31.35	\$ 6.3604	5	\$ 31.80	\$ 0.45	1.45%
Fixed Rate Riders	\$ 0.1	6 18	\$ 2.88	\$ -	18	\$ -	\$ (2.88)	-100.00%
Volumetric Rate Riders	\$ 0.184	3 5	\$ 0.92	\$ -	5	\$ -	\$ (0.92)	-100.00%
Sub-Total A (excluding pass through)			\$ 132.53			\$ 130.62		-1.44%
Line Losses on Cost of Power	\$ 0.082	2 74	\$ 6.10	\$ 0.0822	74	\$ 6.10	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$ 0.897	0 5	\$ (4.49)	\$ 0.5556	5	\$ 2.78	\$ 7.26	-161.94%
Riders	0.037		Ψ (4.43)		3	· .	*	-101.3470
CBR Class B Rate Riders	\$ -	5	\$ -	\$ 0.0517	5	\$ 0.26	\$ 0.26	
GA Rate Riders	\$ -	1,400	\$ -	\$ -	1,400	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.082	<b>5</b> 5	\$ 0.41	\$ 0.0825	5	\$ 0.41	\$ -	0.00%
Smart Meter Entity Charge (if applicable)								
and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Account Rate Riders								
Additional Volumetric Rate Riders (Sheet 18)		5	\$ -	\$ -	5	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-			\$ 134.55			\$ 140.17	\$ 5.61	4.17%
Total A)			•			*	*	***
RTSR - Network	\$ 2.064	9 5	\$ 10.32	\$ 2.0806	5	\$ 10.40	\$ 0.08	0.76%
RTSR - Connection and/or Line and	\$ 1.677	5 5	\$ 8.39	\$ 1.6385	5	\$ 8.19	\$ (0.19)	-2.32%
Transformation Connection	*	•	Ψ 0.00	<b>+</b>	ŭ	Ψ 0.10	ψ (0.10)	2.0270
Sub-Total C - Delivery (including Sub-			\$ 153.26			\$ 158.76	\$ 5.50	3.59%
Total B)							<b>V</b> 0.00	0.0070
Wholesale Market Service Charge	\$ 0.003	6 1,474	\$ 5.31	\$ 0.0036	1,474	\$ 5.31	\$ -	0.00%
(WMSC)	1	.,	Ψ 0.01	<b>v</b> 0.0000	.,	0.01	•	0.0070
Rural and Remote Rate Protection	\$ 0.000	3 1,474	\$ 0.44	\$ 0.0003	1,474	\$ 0.44	\$ -	0.00%
(RRRP)	,	,	*	*	.,	· ·	*	
Standard Supply Service Charge	\$ 0.2		\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%
Debt Retirement Charge (DRC)	\$ 0.007		\$ 9.80	\$ 0.0070	1,400	\$ 9.80		0.00%
TOU - Off Peak	\$ 0.065		\$ 59.15	\$ 0.0650	910	\$ 59.15		0.00%
TOU - Mid Peak	\$ 0.095		\$ 22.61	\$ 0.0950	238	\$ 22.61	\$ -	0.00%
TOU - On Peak	\$ 0.132	0 252	\$ 33.26	\$ 0.1320	252	\$ 33.26	\$ -	0.00%
						A	7	
Total Bill on TOU (before Taxes)			\$ 284.09			\$ 289.59		1.94%
HST	13	%	\$ 36.93	13%		\$ 37.65		1.94%
Total Bill on TOU			\$ 321.02			\$ 327.23	\$ 6.21	1.94%

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Customer Class: | STREET LIGHTING SERVICE CLASSIFICATION | RPP / Non-RPP: | Non-RPP (Other) | Consumption | 5,400 | kWh | Demand | 15 | kW | Current Loss Factor | 1.0530 | Proposed/Approved Loss Factor | 1.0530 |

	Current O	EB-Approved	I		Proposed		Impact		
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 3.89	124			124		\$ 7.44	1.54%	
Distribution Volumetric Rate	\$ 8.4588	15			15		\$ 1.84	1.45%	
Fixed Rate Riders	\$ (0.54)		\$ (66.96)		124		\$ 66.96	-100.00%	
Volumetric Rate Riders	-\$ 1.1689	15		\$ -	15		\$ 17.53	-100.00%	
Sub-Total A (excluding pass through)			\$ 524.75			\$ 618.52	\$ 93.77	17.87%	
Line Losses on Cost of Power	\$ 0.1101	286	\$ 31.51	\$ 0.1101	286	\$ 31.51	\$ -	0.00%	
Total Deferral/Variance Account Rate	-\$ 1.1841	15	\$ (17.76)	\$ 0.6869	15	\$ 10.30	\$ 28.07	-158.01%	
Riders	1.		,	•	-	*	*	100.0170	
CBR Class B Rate Riders	\$ -	15	\$ -	\$ 0.0566	15		\$ 0.85		
GA Rate Riders	\$ 0.0096	5,400	\$ 51.84	-\$ 0.0082				-185.42%	
Low Voltage Service Charge	\$ 0.0771	15	\$ 1.16	\$ 0.0771	15	\$ 1.16	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)									
and/or any fixed (\$) Deferral/Variance	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		
Account Rate Riders									
Additional Volumetric Rate Riders (Sheet 18)		15	\$ -	\$ -	15	\$ -	\$ -		
Sub-Total B - Distribution (includes Sub-			\$ 591.49			\$ 618.06	\$ 26.57	4.49%	
Total A)			,			*	•		
RTSR - Network	\$ 1.7934	15	\$ 26.90	\$ 1.8071	15	\$ 27.11	\$ 0.21	0.76%	
RTSR - Connection and/or Line and	\$ 1.5684	15	\$ 23.53	\$ 1.5320	15	\$ 22.98	\$ (0.55)	-2.32%	
Transformation Connection	1:5004	13	Ψ 25.55	ų 1.5520	13	Ψ 22.30	ψ (0.55)	-2.52 /0	
Sub-Total C - Delivery (including Sub-			\$ 641.92			\$ 668.15	\$ 26.23	4.09%	
Total B)			<b>9</b> 041.32			<b>\$</b> 000.13	ψ 20.23	4.03 /6	
Wholesale Market Service Charge	\$ 0.0036	5,686	\$ 20.47	\$ 0.0036	5,686	\$ 20.47	\$ -	0.00%	
(WMSC)	0.0000	0,000	Ψ 20.41	ψ 0.0000	0,000	Ψ 20.47	Ψ	0.0070	
Rural and Remote Rate Protection	\$ 0.0003	5,686	\$ 1.71	\$ 0.0003	5,686	\$ 1.71	\$ -	0.00%	
(RRRP)	,	3,000		•		*	Ψ -		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ 0.25	\$ -	0.00%	
Debt Retirement Charge (DRC)	\$ 0.0070	5,400	\$ 37.80	\$ 0.0070	5,400		\$ -	0.00%	
Average IESO Wholesale Market Price	\$ 0.1101	5,400	\$ 594.54	\$ 0.1101	5,400	\$ 594.54	\$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 1,296.69			\$ 1,322.91	\$ 26.23	2.02%	
HST	13%		\$ 168.57	13%		\$ 171.98	\$ 3.41	2.02%	
Total Bill on Average IESO Wholesale Market Price			\$ 1,465.26			\$ 1,494.89	\$ 29.64	2.02%	

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| Customer Class: | RESIDENTIAL SERVICE CLASSIFICATION | RPP | Non-RPP: | RPP | Consumption | 210 | kWh | Demand | Current Loss Factor | 1.0530 | Proposed/Approved Loss Factor | 1.0530 | Customer | 1.0530 |

		Current Of	B-Approved	I		Proposed			lm	pact
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ (	Change	% Change
Monthly Service Charge	\$	27.72		\$ 27.72	\$ 30.78		\$ 30.78		3.06	11.04%
Distribution Volumetric Rate	\$	0.0122	210		0.0082	210	\$ 1.72		(0.84)	-32.79%
Fixed Rate Riders	\$	2.05	1	\$ 2.05	(0.09)	1	\$ (0.09)		(2.14)	-104.39%
Volumetric Rate Riders	-\$	0.0011	210		0.0004	210	\$ 0.08	\$	0.32	-136.36%
Sub-Total A (excluding pass through)				\$ 32.10			\$ 32.50		0.40	1.23%
Line Losses on Cost of Power	\$	0.0822	11	\$ 0.91	\$ 0.0822	11	\$ 0.91	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	-\$	0.0030	210	\$ (0.63)	0.0021	210	\$ 0.44	\$	1.07	-170.00%
CBR Class B Rate Riders	\$	-	210	\$ -	\$ 0.0002	210	\$ 0.04	\$	0.04	
GA Rate Riders	\$	-	210	\$ -	\$ -	210	\$ -	\$	-	
Low Voltage Service Charge Smart Meter Entity Charge (if applicable)	\$	0.0003	210	\$ 0.06	\$ 0.0003	210	\$ 0.06	\$	-	0.00%
and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$	0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$	-	0.00%
Additional Volumetric Rate Riders (Sheet 18)			210	\$ -	\$ -	210	\$ -	\$	-	
Sub-Total B - Distribution (includes Sub- Total A)				\$ 33.24			\$ 34.75	\$	1.51	4.54%
RTSR - Network	\$	0.0067	221	\$ 1.48	\$ 0.0068	221	\$ 1.50	\$	0.02	1.49%
RTSR - Connection and/or Line and Transformation Connection	\$	0.0057	221	\$ 1.26	\$ 0.0056	221	\$ 1.24	\$	(0.02)	-1.75%
Sub-Total C - Delivery (including Sub- Total B)				\$ 35.98			\$ 37.49	\$	1.51	4.19%
Wholesale Market Service Charge (WMSC)	\$	0.0036	221	\$ 0.80	\$ 0.0036	221	\$ 0.80	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0003	221	\$ 0.07	0.0003	221	\$ 0.07	\$	-	0.00%
Standard Supply Service Charge Debt Retirement Charge (DRC)	\$	0.25	1	\$ 0.25	0.25	1	\$ 0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	137	\$ 8.87	0.0650	137	\$ 8.87	\$	-	0.00%
TOU - Mid Peak	\$	0.0950	36	\$ 3.39	0.0950	36	\$ 3.39	\$	-	0.00%
TOU - On Peak	\$	0.1320	38	\$ 4.99	\$ 0.1320	38	\$ 4.99	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$ 54.35			\$ 55.85		1.51	2.77%
HST		13%		\$ 7.07	13%		\$ 7.26		0.20	2.77%
8% Rebate		8%		\$ (4.35)	8%		\$ (4.47)		(0.12)	
Total Bill on TOU				\$ 57.06			\$ 58.65	\$	1.58	2.77%

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# Schedule "C"

**GA Analysis Workform** 



Update from July 20th Workform version: -Cells C87,D87,E87, H87 - name of cells updated for cell reference -Cells F88 to F91 and G88 to G91 - formula of

Account 1	EOO Clabal	Adjustment	(CA) An	ducie Mer	kform
Account 1	589 Global	Adjustment	(GA) Ana	alvsis Wor	ktorm

Drop down cells	
Note 1 Year(s) Requested for Disposition	1

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

Year	·	2016		
Total Metered excluding WMP	C = A+B	466,965,822	kWh	100%
RPP	A	268,701,154	kWh	57.5%
Non RPP	B = D+E	198,264,668	kWh	42.5%
Non-RPP Class A	D	43,219,000	kWh	9.3%
Non-RPP Class B*	E	155,045,668	kWh	33.2%

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

#### Note 3 GA Billing Rate

GA is billed on the 2nd Estimate

#### **GA Billing Rate Description**

All non-RPP Class B customers are billed on the second GA estimate. The billing cycle is on a calendar month basis for all customers. Consumption for each billing cycle is billed in the subsequent month.

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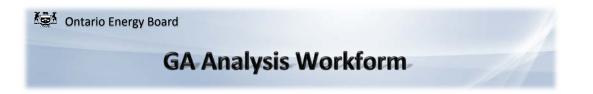


Update from July 20th Workform version:
-Cells C87,D87,E87, H87 - name of cells updated for cell reference
-Cells F88 to F91 and G88 to G91 - formula of

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

Note 4 Analysis of Expected GA Amount

Year	2016								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	12,577,000	12,912,000	14,460,000	14,125,000	0.09214	\$ 1,301,478	0.09179	\$ 1,296,534	-\$ 4,944
February	14,558,000	14,460,000	13,805,000	13,903,000	0.09678	\$ 1,345,532	0.09851	\$ 1,369,585	\$ 24,052
March	13,336,000	13,805,000	14,523,000	14,054,000	0.10299	\$ 1,447,421	0.10610	\$ 1,491,129	\$ 43,708
April	14,491,000	14,523,000	12,787,000	12,755,000	0.11177	\$ 1,425,626	0.11132	\$ 1,419,887	-\$ 5,740
May	12,916,000	12,787,000	12,674,000	12,803,000	0.11493	\$ 1,471,449	0.10749	\$ 1,376,194	-\$ 95,254
June	12,935,000	12,674,000	13,905,000	14,166,000	0.09360	\$ 1,325,938	0.09545	\$ 1,352,145	\$ 26,207
July	13,891,000	13,905,000	14,573,000	14,559,000	0.08412		0.08306		
August	14,647,000	14,573,000	15,752,000	15,826,000	0.07050	\$ 1,115,733	0.07103	\$ 1,124,121	\$ 8,388
September	15,809,000	15,752,000	13,170,000	13,227,000	0.09148	\$ 1,210,006	0.09531	\$ 1,260,665	\$ 50,659
October	13,418,000	13,170,000	12,438,000	12,686,000	0.11780	\$ 1,494,411	0.11226	\$ 1,424,130	-\$ 70,280
November	12,686,000	12,438,000	12,199,000	12,447,000	0.11500	\$ 1,431,405	0.11109	\$ 1,382,737	-\$ 48,668
December	12,395,000	12,199,000	12,770,000	12,966,000	0.07872	\$ 1,020,684	0.08708	\$ 1,129,079	\$ 108,396
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	163,659,000	163,198,000	163,056,000	163,517,000		\$ 15,814,385		\$ 15,835,477	\$ 21,092



Update from July 20th Workform version:
-Cells C87,D87,E87, H87 - name of cells updated for cell reference
-Cells F88 to F91 and G88 to G91 - formula of

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

Note 5 Reconciling Items

		Amount (Quantif		
	Applicability of Reconciling		a significant	
Item	Item (Y/N)		reconciling item)	Explanation
Net Change in Principal Balance in the GL (i.e. Transactions in the	Year)	\$	159,747	
Remove impacts to GA from prior year RPP Settlement true				\$97k relates to prior year (CR to be recorded in DVA in prior year) but included in the GL in the current
1a up process that are booked in current year	Yes	\$	97,293	year, therefore, should record DR in current year
Add impacts to GA from current year RPP Settlement true				\$203k relates to current year (CR to be recorded in DVA in current year) but recorded in the GL in the
1b up process that are booked in subsequent year	Yes	-\$	202,692	following year, therefore, should record the CR in current year
Remove prior year end unbilled to actual revenue				
2a differences	Yes	\$	-	Not material.
2b Add current year end unbilled to actual revenue differences	Yes	\$	-	Not material.
Remove difference between prior year accrual to forecast				
3a from long term load transfers	Yes	\$	-	Not material.
Add difference between current year accrual to forecast				
3b from long term load transfers	Yes	\$	-	Not material.
4 Remove GA balances pertaining to Class A customers	No	\$	_	No Class A customer GA amounts.
Significant prior period billing adjustments included in	110	<b>—</b>		To Clade A Guide III. CA Guide III.
current year GL balance but would not be included in the				
5 billing consumption used in the GA Analysis	No	\$	_	No significant prior period billing adjustments.
Differences in GA IESO posted rate and rate charged on	.,,	Ť		TO digital care prior period binning departments
6 IESO invoice	Yes	\$	_	Not a reconciling item.
Former Form 1598 IESO submission in January of current	100	Ψ		Not a reconoung norm.
year relating to December consumption of prior year booked				\$2,182k relates to prior year (CR to be recorded in DVA in prior year) but included in the GL in the current
7 in current year	Yes	\$		year, therefore, should record DR in current year
Former Form 1598 IESO submission in January of		Ť	_,,	,
subsequent year relating to December consumption of				\$2,244k relates to current year (CR to be recorded in DVA in current year) but included in the GL in the
8 current year booked in subsequent year	Yes	-\$		subsequent year, therefore, should record CR in current year
Difference in Class B GA accrued for IESO purchases at		Ť		
December of current year and actual GA charged on IESO				\$408k relates to current year (DR to be recorded in DVA in current year) but recorded in the GL in the
9 invoice	Yes	\$		following year, therefore, should record the DR in current year
Difference in Class B GA accrued for IESO purchases at		Ť		\$349k relates to prior year (DR to be recorded in DVA in prior year) but recorded in the GL in the current
10 December of prior year and actual GA charged on IESO	Yes	-\$	349.000	year, therefore, should record the CR in current year
		Ť		,
Difference in non-RPP GA unbilled accrued using 1st				\$67k relates to the difference between the 1st GA estimate used for non-RPP non-interval unbilled accrual
estimate at December of current year and actual GA				of current year and the 2nd GA estimate that is used for actual billings (DR to be recorded in DVA in current
11 charged on billings in subsequent year using 2nd estimate	Yes	\$	67.000	year), therefore, should record the DR in current year
Note 6 Adjusted Net Change in Principal Balance in the GL		\$	117,775	,
Net Change in Expected GA Balance in the Year Per Analysis		\$	21,092	
Unresolved Difference	•	\$	96.683	
Unresolved Difference as % of Expected GA Payments to	IFSO	Ψ	0.6%	
C Section 2 S. S. S. C.			0.070	

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule C - GA Analysis Workform Page 3 of 4 Filed: August 14, 2017



Update from July 20th Workform version:
-Cells C87,D87,E87, H87 - name of cells updated for cell reference
-Cells F88 to F91 and G88 to G91 - formula of

Account 1589 Global Adjustment (GA) Analysis Workform

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

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)		Adjusted Net Change in Principal Balance in the GL		Payments to IESO (cell J59)	Unresolved Difference as % of Expected GA Payments to IESO
2016	\$ 21,092	\$ 159,747	-\$ 41,972	\$ 117,775	\$ 96,683	\$ 15,835,477	0.6%
				-	\$ -		0.0%
				\$ -	\$ -		0.0%
				\$ -	\$ -		0.0%
Cumulative Balance	\$ 21,092	159,747	-\$ 41,972	\$ 117,775	\$ 96,683	\$ 15,835,477.01	N/A

Additional Notes and Comments										

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule C - GA Analysis Workform Page 4 of 4 Filed: August 14, 2017

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# Schedule "D"

**Current Tariff of Rates and Charges** 

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 1 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

### RESIDENTIAL SERVICE CLASSIFICATION

The Residential Class (Regular) refers to a service taking electricity normally at 750 volts or less where the electricity is used for domestic and household purposes in a single family unit. A single family unit being a permanent structure located on a single parcel of land and approved by a civic authority as a dwelling and occupied for that purpose by a single customer. Residential rates are also applied to apartment buildings with 6 units or less that are bulk metered. Apartment buildings with more than 6 units that are bulk metered are deemed to be General Service. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge Rate Rider for Smart Meter Entity Charge - effective until October 31, 2018	\$ \$	27.72 0.79
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$ \$	(0.09)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	2.14
Distribution Volumetric Rate	\$/kWh	0.0122
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kWh	(0.0010)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kWh	(0.0020)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kWh	(0.0015)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs – effective until December 31, 2018	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 2 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to single commercial or industrial customer and whose average peak demand is (or is forecasted to be) less than 50 kW. Single commercial or industrial customers are interpreted as a structure or structures on a single parcel of land occupied by one customer. An apartment building with more than 6 units that is bulk metered and has an average peak demand less than 50 kW is deemed to be General Service less than 50 kW. The common area of a separately metered apartment building having a demand less than 50 kW is also deemed to be General Service less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

Service Charge	\$	30.02
Rate Rider for Smart Meter Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	0.88
Distribution Volumetric Rate	\$/kWh	0.0244
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kWh	(0.0021)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kWh	0.0007
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs – effective until December 31, 2018	\$/kWh	0.0014
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 3 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

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

This classification refers to the supply of electrical energy to single commercial or industrial customer and whose average peak demand is (or is forecasted to be) equal to or greater than 50 kW but less than 5000 kW. Single commercial or industrial customers are interpreted as a structure or structures on a single parcel of land occupied by one customer. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

The rate riders for the disposition of Global Adjustment Account (2017) are only applicable to non-RPP Class B customers. They are 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. These rate riders are to be consistently applied for the entire period to the sunset date of the rate rider. In addition, these rate riders are applicable to all new non-RPP Class B customers.

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

Service Charge	\$	161.31
Rate Rider for Disposition of MIST Meters (2017) – effective until December 31, 2021	\$	7.55
Rate Rider for Disposition of Stranded Meters (2017) – effective until December 31, 2021	\$	3.86
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	4.74
Distribution Volumetric Rate	\$/kW	7.0854
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018 - Applicable only to Class B, Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only to Class A, Non-RPP customers who are not Wholesale Market Participants	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kW	(0.3761)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kW	(0.6672)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kW	0.1984
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs – effective until December 31, 2018	\$/kW	0.1012

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 4 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

# Effective Date January 1, 2017 Implementation Date May 1, 2017

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

	EB-7	2016-0061
Retail Transmission Rate – Network Service Rate	\$/kW	2.4230
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0556
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 5 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

# EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Board, that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge	\$	580.48
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	214.33
Distribution Volumetric Rate	\$/kW	8.1509
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017		
- Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018		
- Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kW	(0.3761)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kW	(0.8033)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kW	0.7311
Retail Transmission Rate – Network Service Rate	\$/kW	2.4230
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0556
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 6 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to the supply of electrical service to a customer that is deemed to have a constant load over a billing period, normally with minimum electrical consumption and the consumption is unmetered. Energy consumption is based on connected wattage and calculated hours of use. Examples of unmetered scattered load are cable television amplifiers, billboards, area lighting. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per customer)	\$	47.33
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	7.19
Distribution Volumetric Rate	\$/kWh	0.0257
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017		
- Applicable only for Non-RPP Customers	\$/kWh	0.0026
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018		
- Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kWh	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kWh	0.0039
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 7 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

# STANDBY POWER SERVICE CLASSIFICATION

The Standby subclass charge is applied to a customer with load displacement facilities behind its meter but is dependent on Canadian Niagara Power Inc. to supply a minimum amount of electricity in the event the customer's own facilities are out of service. The minimum amount of supply that Canadian Niagara Power Inc. must supply is a contracted amount agreed upon between the customer and Canadian Niagara Power Inc. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

### MONTHLY RATES AND CHARGES - APPROVED ON AN INTERIM BASIS

Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility)

\$/kW

1.1676

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 8 of 12 Filed: August 14, 2017

\$

0.25

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to all services required to supply sentinel lighting equipment. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

### **MONTHLY RATES AND CHARGES - Delivery Component**

Standard Supply Service - Administrative Charge (if applicable)

Service Charge (per connection) Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017 Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017 Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018 Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$ \$ \$/kW \$/kW \$/kW \$/kW \$/kW	5.41 0.16 6.2695 0.0825 (0.1918) (0.7052) 0.1843 2.0649 1.6775
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 9 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

# STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the supply of electrical service for roadway lighting. Energy consumption is based on connected wattage and calculated hours of use. Customers are usually a Municipality, Region or the Ministry of Transportation. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per connection) Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017 Distribution Volumetric Rate Low Voltage Service Rate	\$ \$ \$/kW \$/kW	3.89 (0.54) 8.4588 0.0771
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017 - Applicable only for Non-RPP Customers Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018	\$/kWh	0.0056
- Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017 Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018 Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW \$/kW \$/kW \$/kW	(0.4886) (0.6955) (1.1689) 1.7934 1.5684
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0032 0.0004 0.0021 0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 10 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

### microFIT SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

#### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge \$ 5.40

### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 11 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

### SPECIFIC SERVICE CHARGES

#### **APPLICATION**

**Customer Administration** 

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

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

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

Oustonier Administration		
Arrears certificate (credit reference)	\$	15.00
Statement of Account	\$	15.00
Pulling Post Dated Cheques	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Notification charge	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheques	\$	15.00
Legal letter charge	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect Charges - at meter - during regular hours	\$	65.00
Disconnect/Reconnect Charges - at meter - after regular hours	\$	185.00
Disconnect/Reconnect Charges at Pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Other		
Special meter reads	\$	30.00
Service Call - customer owned equipment	\$	30.00
Service Call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - per pole/year	<b>^</b>	00.05
(with the exception of wireless attachments)	\$	22.35

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule D - Current Tariff Page 12 of 12 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017 Implementation Date May 1, 2017

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

EB-2016-0061

# **RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

# LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer <5,000kW

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

1.0425

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Filed: August 14, 2017

# Schedule "E"

**Proposed Tariff of Rates and Charges** 

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 1 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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

EB-2017-0031

### RESIDENTIAL SERVICE CLASSIFICATION

The Residential Class (Regular) refers to a service taking electricity normally at 750 volts or less where the electricity is used for domestic and household purposes in a single family unit. A single family unit being a permanent structure located on a single parcel of land and approved by a civic authority as a dwelling and occupied for that purpose by a single customer. Residential rates are also applied to apartment buildings with 6 units or less that are bulk metered. Apartment buildings with more than 6 units that are bulk metered are deemed to be General Service. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge	\$	30.78
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$	(0.09)
Distribution Volumetric Rate Low Voltage Service Rate	\$/kWh \$/kWh	0.0082 0.0003
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018	·	
Applicable only for Non-RPP Customers	\$/kWh	(0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0041
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018		
Applicable only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kWh	(0.0020)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs - effective until December 31, 2018	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 2 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

### EB-2017-0031

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

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

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 3 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018
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EB-2017-0031

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to single commercial or industrial customer and whose average peak demand is (or is forecasted to be) less than 50 kW. Single commercial or industrial customers are interpreted as a structure or structures on a single parcel of land occupied by one customer. An apartment building with more than 6 units that is bulk metered and has an average peak demand less than 50 kW is deemed to be General Service less than 50 kW. The common area of a separately metered apartment building having a demand less than 50 kW is also deemed to be General Service less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018 Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Clobal Adjustment Assourt (2018), effective until December 31, 2018	\$ \$ \$/kWh \$/kWh	30.46 0.79 0.0248 0.0002
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0041
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kWh	(0.0021)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs - effective until December 31, 2018	\$/kWh	0.0014
Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0057 0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 4 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

# **Effective and Implementation Date January 1, 2018**

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

		EB-2017-0031
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 5 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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

EB-2017-0031

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

This classification refers to the supply of electrical energy to single commercial or industrial customer and whose average peak demand is (or is forecasted to be) equal to or greater than 50 kW but less than 5000 kW. Single commercial or industrial customers are interpreted as a structure or structures on a single parcel of land occupied by one customer. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

The rate riders for the disposition of Global Adjustment Account (2017) are only applicable to non-RPP Class B customers. They are 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. These rate riders are to be consistently applied for the entire period to the sunset date of the rate rider. In addition, these rate riders are applicable to all new non-RPP Class B customers.

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

Service Charge	\$	163.65
Rate Rider for Disposition of MIST Meters (2017) - effective until December 31, 2021	\$	7.55
Rate Rider for Disposition of Stranded Meters (2017) - effective until December 31, 2021	\$	3.86
Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kW \$/kW \$/kWh	7.1881 0.1011 (0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.3165
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	0.0515
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only to Class B, Non-RPP Customers	\$/kWh	0.0040

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 6 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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

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		EB-2017-0031
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018		
- Applicable only to Class A, Non-RPP customers who are not Wholesale Market Participants	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.6672)
		,
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs - effective until December 31, 2018	\$/kW	0.1012
Retail Transmission Rate - Network Service Rate	\$/kW	2.4415
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0078
	φπιττ	2.0070
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 7 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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

EB-2017-0031

### EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Board, that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

Service Charge	\$	588.90
Distribution Volumetric Rate	\$/kW	8.2691
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.3826
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	0.0566
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.8033)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4415
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0078
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 8 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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

EB-2017-0031

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to the supply of electrical service to a customer that is deemed to have a constant load over a billing period, normally with minimum electrical consumption and the consumption is unmetered. Energy consumption is based on connected wattage and calculated hours of use. Examples of unmetered scattered load are cable television amplifiers, billboards, area lighting. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge (per customer)	\$	48.02
Distribution Volumetric Rate	\$/kWh	0.0261
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	(0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0041
	φ/κνντι	0.0041
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018		
Applicable only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 -	Ψ/	0.0002
Applicable only for Non-RPP Customers	\$/kWh	0.0040
	•	
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kWh	(0.0022)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0049
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2018 4th Generation IRM Application Canadian Niagara Power Inc. EB-2017-0031 Schedule E - Proposed Tariff Page 9 of 17 Filed: August 14, 2017

# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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

EB-2017-0031

### STANDBY POWER SERVICE CLASSIFICATION

The Standby subclass charge is applied to a customer with load displacement facilities behind its meter but is dependent on Canadian Niagara Power Inc. to supply a minimum amount of electricity in the event the customer's own facilities are out of service. The minimum amount of supply that Canadian Niagara Power Inc. must supply is a contracted amount agreed upon between the customer and Canadian Niagara Power Inc. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

#### MONTHLY RATES AND CHARGES - APPROVED ON AN INTERIM BASIS

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility)

\$/kW 1.1845

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Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
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EB-2017-0031

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to all services required to supply sentinel lighting equipment. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

Service Charge (per connection)	\$	5.49
Distribution Volumetric Rate	\$/kW	6.3604
Low Voltage Service Rate	\$/kW	0.0825
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	(0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.2608
react react for Disposition of Dotorial, variance Accounts (2010) - checkive until December 01, 2010	Φ/Κ۷۷	1.2000
Poto Pider for Disposition of Consoity Posed Poseyony Assount (2019) affective until January 01, 2019		
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018  Applicable only for Class B Customers	¢/k\A/b	0.0517
Applicable only for class b customers	\$/kWh	0.0517
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.7052)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0806
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6385
Transmission rate Line and Transformation Southern Control Rate	φ/ Κ ۷ ν	1.0000
MONTHLY RATES AND CHARGES - Regulatory Component		
Whatesale Market Coming Date (WMC), not including CDD	Φ /L λ Δ /L-	0.0000
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the supply of electrical service for roadway lighting. Energy consumption is based on connected wattage and calculated hours of use. Customers are usually a Municipality, Region or the Ministry of Transportation. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate	\$ \$/kW \$/kW	3.95 8.5815 0.0771
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0122)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.3824
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	0.0566
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.6955)
Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	1.8071 1.5320
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0032 0.0004 0.0003 0.25

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### microFIT SERVICE CLASSIFICATION

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

### **APPLICATION**

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### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge \$ 5.40

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### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month \$/kW (0.60)

Primary Metering Allowance for Transformer Losses - applied to measured demand & energy % (1.00)

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### SPECIFIC SERVICE CHARGES

#### **APPLICATION**

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Customer Administration		
Arrears certificate (credit reference)	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned Cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect at Meter - during regular hours	\$	65.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Disconnect/Reconnect at Pole - during regular hours	\$	185.00
Disconnect/Reconnect at Pole - after regular hours	\$	415.00
Install/Remove Load Control Device - during regular hours	\$	65.00
Install/Remove Load Control Device - after regular hours	\$	185.00
Other		
Special meter reads	\$	30.00
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00

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Specific charge for access to the power poles - per pole/year (with the exception of wireless attachments)

\$ 22.35

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# Canadian Niagara Power Inc. TARIFF OF RATES AND CHARGES

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# **RETAIL SERVICE CHARGES (if applicable)**

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

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### **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

1.0530

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

1.0425