



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

EXHIBIT 8: RATE DESIGN

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8.1 DISTRIBUTION RATE DESIGN

8.1.1 RATE DESIGN OVERVIEW

CNPI achieved full harmonization of its monthly service charges and distribution volumetric rates for its three service territories (Fort Erie, Gananoque and Port Colborne) as a result of the Board's decision in CNPI's 2016 incentive rate-setting mechanism (IRM) Application (EB-2015-0058). Rate riders were subsequently harmonized in CNPI's 2017 cost of service application (EB-2016-0061). CNPI has therefore proceeded with rate design on the basis of a single harmonized tariff for the 2022 Test Year in this Application.

CNPI has determined its 2022 Test Year service revenue requirement to be \$23,458,959. Total other revenue offsets in the amount of \$1,341,251 result in a base revenue requirement of \$22,117,708, which is used to determine CNPI's 2022 Test Year distribution rates. CNPI's base revenue requirement is derived from 2022 Test Year capital and operating forecasts, weather normalized usage, forecasted customer counts, and regulated return on rate base. CNPI's 2022 Test Year revenue requirement is summarized in Table 8 - 1.

Table 8 - 1: 2022 Test Year Revenue Requirement

Revenue Requirement Component	2022 Test Year
OM&A Expenses (Incl LEAP)	\$9,958,029
Amortization/Depreciation	\$5,625,717
Property Taxes	\$105,100
Income Taxes (Grossed Up)	\$430,483
Regulated Return on Rate Base:	
Deemed Interest	\$2,951,625
Return on Deemed Equity	<u>\$4,388,005</u>
Service Revenue Requirement	<u>\$23,458,959</u>
Revenue Offsets	<u>(\$1,341,251)</u>
Base Revenue Requirement (Excl Transformer Ownership Allowance)	<u>\$22,117,708</u>

CNPI's 2022 Test Year base revenue requirement is allocated to the various rate classes as presented in Table 7-6 of Exhibit 7. Table 8 - 2 summarizes the proposed allocation to each rate class.

Table 8 - 2: Allocation of Base Revenue Requirement by Rate Class

Customer Class	Base Revenue Requirement Allocation	
	\$	%
Residential	13,859,017	62.66%
GS < 50	3,012,973	13.62%
GS 50 to 4,999 kW	4,630,462	20.94%
Embedded Distributor	142,702	0.65%
Street Light	339,617	1.54%
Sentinel Light	59,206	0.27%
USL	73,732	0.33%
Total	22,117,708	100%

CNPI's proposed 2022 distribution rates are set to recover the base revenue requirement allocated to each rate class, in consideration of the 2022 Test Year customer count and load forecasts presented in Exhibit 3, and various OEB rate design policies as set out in this Exhibit.

8.1.2 RATE DESIGN (FIXED/VARIABLE PROPORTION)

CNPI has included its 2022 Rate Design Model as Appendix 8-A to this Exhibit, as well as in live Excel format. The Rate Design Model generally follows this Section 8.1.2, allowing calculations and comparisons to be verified in the live Excel version. The results of CNPI's Rate Design Model are consistent with Sheet 13 of the Revenue Requirement Work Form (RRWF).

8.1.2.1 CURRENT FIXED/VARIABLE PROPORTIONS (SHEET A OF RATE DESIGN MODEL)

Table 8 - 3 summarizes CNPI's existing (2021) distribution rates, as approved in EB-2020-0008, as well as the forecasted customer counts and load volumes for the 2022 Test Year presented in Exhibit 3.

Table 8 - 3: Existing Distribution Rates and 2022 Test Year Load Forecast

Customer Class	2021 Bridge Year Rates			2022 Test Year Forecast		
	Fixed Charge	Volumetric Charge	Unit	Customer /Connections	Forecast kWh	Forecast kW
Residential	\$37.40	\$0.0000	kWh	27,227	207,937,091	
GS < 50	\$31.58	\$0.0257	kWh	2,515	66,588,571	
GS 50 to 4,999 kW	\$169.70	\$7.4535	kW	187	176,291,005	522,202
Embedded Distributor	\$610.63	\$8.5743	kW	1	5,185,553	13,863
Street Light	\$4.09	\$8.8982	kW	6,064	1,449,102	4,403
Sentinel Light	\$5.70	\$6.5951	kW	610	514,043	1,615
USL	\$49.79	\$0.0271	kWh	48	1,340,169	
Transformer Allowance		-\$0.60	kW			296,494

On the basis of the existing distribution rates and forecasted loads and volumes, CNPI has determined the expected distribution revenue, in Table 8 - 4 and calculated the split between fixed and variable revenue for each rate class in Table 8 - 5.

Table 8 - 4: 2022 Revenue from Existing Rates at Forecasted Loads

Customer Class	Fixed	Variable	Total Distribution	Transformer Allowance	Net Distribution Revenue	Class % of Total
Residential	\$12,219,333	\$0	\$12,219,333		\$12,219,333	62.5%
GS < 50	\$953,103	\$1,711,326	\$2,664,429		\$2,664,429	13.6%
GS 50 to 4,999 kW	\$380,473	\$3,892,229	\$4,272,702	-\$177,896	\$4,094,805	20.9%
Embedded Distributor	\$7,328	\$118,866	\$126,194		\$126,194	0.6%
Street Light	\$297,610	\$39,179	\$336,789		\$336,789	1.7%
Sentinel Light	\$41,707	\$10,650	\$52,357		\$52,357	0.3%
USL	\$28,884	\$36,319	\$65,202		\$65,202	0.3%
Total	\$13,928,437	\$5,808,569	\$19,737,007	-\$177,896	\$19,559,110	100.0%

Table 8 - 5: 2022 Fixed and Variable Proportions at Existing Rates

Customer Class	Fixed %	Variable %
Residential	100.0%	0.0%
GS < 50	35.8%	64.2%
GS 50 to 4,999 kW	9.3%	90.7%
Embedded Distributor	5.8%	94.2%
Street Light	88.4%	11.6%
Sentinel Light	79.7%	20.3%
USL	44.3%	55.7%
Total	71.2%	28.8%

8.1.2.2 PROPOSED 2022 DISTRIBUTION RATE DESIGN (SHEET B OF RATE DESIGN MODEL)

As a starting point for its 2022 rate design, CNPI determined the fixed rates that would result from maintaining the 2021 Bridge Year status-quo fixed/variable proportions summarized in Table 8 - 5. The resulting fixed charges are summarized in Table 8 - 6.

Table 8 - 6: 2022 Monthly Service Charges at Status-Quo Fixed/Variable Proportions

Customer Class	Existing Rates		Status Quo F/V Split for Test Year			
	Fixed Charge	Fixed Revenue Ratio	Allocated Revenue	Fixed Revenue	# of Customers/Connections	Resulting Fixed Charge
Residential	37.40	100.00%	13,859,017	13,859,017	27,227	42.42
GS < 50	31.58	35.77%	3,012,973	1,077,782	2,515	35.71
GS 50 to 4,999 kW	169.70	9.29%	4,630,462	430,244	187	191.9
Embedded Distributor	610.63	5.81%	142,702	8,286	1	690.51
Street Light	4.09	88.37%	339,617	300,109	6,064	4.12
Sentinel Light	5.70	79.66%	59,206	47,163	610	6.45
USL	49.79	44.30%	73,732	32,662	48	56.3

Table 8 - 7 compares CNPI's current monthly service charges and the monthly service charges calculated in Table 8 - 6 to the minimum (floor) and maximum (ceiling) fixed monthly service levels as calculated in the cost allocation study presented in Exhibit 7. Minimum fixed charges are based on the avoided cost values from the OEB's Cost Allocation Model (Sheet O2, Row 14). Maximum fixed charges are based on greater of: (a) avoided cost values (Sheet O2, Row 16); (b) minimum system with PLCC values (Sheet O2, Row 17); and (c) CNPI existing approved fixed charges (Sheet O2, Row 18).

Table 8 - 7: Monthly Service Charges Compared to Cost Allocation Study

Customer Class	Fixed Charge			
	Bridge Year Approved	Test Year Status Quo	Minimum	Maximum
Residential	37.40	42.42	5.07	37.40
GS < 50	31.58	35.71	11.38	37.44
GS 50 to 4,999 kW	169.70	191.90	85.63	169.70
Embedded Distributor	610.63	690.51	338.38	610.63
Street Light	4.09	4.12	0.00	5.37
Sentinel Light	5.70	6.45	0.16	17.81
USL	49.79	56.30	0.36	49.79

The comparisons in Table 8 - 7 show that the maintaining status quo fixed/variable percentages would result in monthly service charges for CNPI's Residential, GS 50 to 4,999 kW, Embedded Distributor and USL customer classes that are higher than the ceiling identified in the cost allocation study. For the Residential class, this is an intentional outcome of the OEB's rate design policy, discussed further in Section 8.1.3. For the GS 50 to 4,999 kW, Embedded Distributor and USL customer classes, CNPI proposes to maintain the fixed charges at the 2021 approved levels in order to avoid further increasing those charges above the ceiling identified in the cost allocation study. For all other customer classes (e.g. GS <50, Street Light and Sentinel Light) the resulting monthly service charges are within the floor to ceiling ranges identified in the cost allocation study, therefore CNPI proposes to maintain the current fixed/variable proportions.

Table 8 - 8 summarized the proposed methodology for determining CNPI's 2022 fixed charges, as well as the resulting 2022 Test Year forecasted revenue from fixed rates.

Table 8 - 8: Proposed 2022 Fixed Charges and Class Revenues

Customer Class	Fixed Rate Setting	Fixed Charge	# of Customers/ Connections	Fixed Revenue
Residential	100% Fixed	42.42	27,227	13,859,468
GS < 50	Maintain Ratio	35.71	2,515	1,077,749
GS 50 to 4,999 kW	Maintain Rate	169.70	187	380,473
Embedded Distributor	Maintain Rate	610.63	1	7,328
Street Light	Maintain Ratio	4.12	6,064	299,793
Sentinel Light	Maintain Ratio	6.45	610	47,195
USL	Maintain Rate	49.79	48	28,884

Table 8 - 9 compares CNPI's the fixed/variable revenue proportions from Table 8 - 5, to the fixed/variable proportions resulting from the rates proposed in Table 8 - 8. The Test Year proposed values were used to populate Sheet 13 of the RRWF.

Table 8 - 9: Fixed/Variable Proportion Comparison

Customer Class	From Table 8-5		Test Year Proposed	
	Fixed %	Variable %	Fixed %	Variable %
Residential	100.00%	0.00%	100.00%	0.00%
GS < 50	35.77%	64.23%	35.77%	64.23%
GS 50 to 4,999 kW	9.29%	90.71%	8.22%	91.78%
Embedded Distributor	5.81%	94.19%	5.13%	94.87%
Street Light	88.37%	11.63%	88.27%	11.73%
Sentinel Light	79.66%	20.34%	79.71%	20.29%
USL	44.30%	55.70%	39.17%	60.83%

Table 8 - 10 calculates the target variable revenue for each rate class resulting from the proposed fixed/variable proportions (i.e. allocated revenue from Table 8 - 2 less fixed rate revenue from Table 8 - 8), as well as the resulting variable distribution rates based on 2022 Test Year forecasted billing determinants.

Table 8 - 10: Proposed 2022 Variable Distribution Rates and Class Revenues

Customer Class	Variable Revenue	Transformer Allowance	kWh/kW	Variable Rate	Determinant
Residential	0		207,937,091	0.0000	kWh
GS < 50	1,935,224		66,588,571	0.0291	kWh
GS 50 to 4,999 kW	4,249,989	177,896	522,202	8.4793	kW
Embedded Distributor	135,374		13,863	9.7651	kW
Street Light	39,823		4,403	9.0446	kW
Sentinel Light	12,012		1,615	7.4381	kW
USL	44,848		1,340,169	0.0335	kWh

Table 8 - 11 provides a summary of the forecasted revenue by rate class (based on proposed 2022 rates and billing determinants from the tables above), compared to CNPI's 2022 Test Year base revenue requirement. The values and resulting differences are consistent with Sheet 13 of the RRWF.¹

¹ See Section 8.5 for a more detailed description of the Test Year revenue reconciliation.

Table 8 - 11: Revenue Reconciliation Summary

Customer Class	Fixed Revenue	Variable Revenue	Revenue Less Transformer Allowance	Allocated Base Revenue Requirement	Difference (Due to Rounding)
Residential	13,859,468	0	13,859,468	13,859,017	451
GS < 50	1,077,749	1,937,727	3,015,476	3,012,973	2,503
GS 50 to 4,999 kW	380,473	4,427,903	4,630,480	4,630,462	18
Embedded Distributor	7,328	135,375	142,702	142,702	0
Street Light	299,793	39,823	339,617	339,617	0
Sentinel Light	47,195	12,012	59,206	59,206	0
USL	28,884	44,896	73,780	73,732	48
Total	15,700,889	6,597,736	22,120,728	22,117,708	3,020

Table 8 - 12 compares CNPI's 2021 approved distribution rates to the 2022 rates proposed in this Application.

Table 8 - 12: Comparison of Current and Proposed Rates

Customer Class	Determinant	Bridge Year Approved		Test Year Proposed	
		Fixed Charge	Variable Rate	Fixed Charge	Variable Rate
Residential	kWh	37.40	0.0000	42.42	0.0000
GS < 50	kWh	31.58	0.0257	35.71	0.0291
GS 50 to 4,999 kW	kW	169.70	7.4535	169.70	8.4793
Embedded Distributor	kW	610.63	8.5743	610.63	9.7651
Street Light	kW	4.09	8.8982	4.12	9.0446
Sentinel Light	kW	5.70	6.5951	6.45	7.4381
USL	kWh	49.79	0.0271	49.79	0.0335

8.1.3 RATE DESIGN POLICY (TRANSITION TO FIXED RATES)

On April 2, 2015, the OEB released its Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2014-0210), which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers.

CNPI completed its transition to fully fixed residential rates in its 2020 IRM application (EB-2019-0024), and continues to propose fixed monthly service charges that will recover 100% of the revenue requirement allocated to this rate class. In accordance with Section 3.2.3 of the filing requirements, any proposed new charges applicable to the residential class relating to the distribution of electricity (e.g. rate riders for Z-factor cost recovery and Group 2 DVA balances) are fixed monthly charges. All pass-

through costs (e.g. transmission rates, Low Voltage charges, and Group 1 deferral and variance accounts) and LRAMVA amounts continue to be recovered through variable charges.

8.1.4 STANDBY CHARGE

CNPI's standby charge is based on a contracted capacity that CNPI must supply when required by the customer, despite the customer's typical monthly billing demand being lower than the contracted amount. The standby rate is applied as a variable rate, to the amount of contracted standby capacity not provided in a given month (i.e. contracted capacity less actual billed demand).

On May 14, 2020, the OEB modified Section 2.7.1.1 of the Filing Requirements to indicate that distributors should request approval for standby rates to be made final starting with 2021. CNPI's existing standby charge has historically been applied to a single customer in its Port Colborne service area. This standby charge has been approved by the OEB on an interim basis since at least May 1, 2006.²

CNPI's existing standby customer's use of the distribution system for backup purposes has changed in recent years in light of configuration changes within the customer's facilities as well as changes to the area transmission and distribution systems. CNPI has also observed at least two additional instances in recent years where standby contracts could be considered, including a new large customer with load displacement generation and the pending installation of battery storage at an existing large customer facility. CNPI has therefore determined that a full review of its standby charge methodology would be preferable to requesting that its existing standby charge be made final. Accordingly, CNPI intends to develop a standby charge methodology prior to its next cost of service application (which is scheduled for 2027 rates based on current OEB policy). This methodology will include consultation with potential standby customers, as well as any potential outcome of the OEB's policy consultation on Rate Design for Commercial and Industrial Customers (EB-2015-0043).

² See EB-2005-0345, Tariff of Rates and Charges. The standby charge also appears on tariffs prior to 2006, but without specific indication of approval on an interim basis.

8.2 NON-DISTRIBUTION RATES

8.2.1 RETAIL TRANSMISSION SERVICE RATES (“RTSR”)

All of CNPI’s distribution system load in its Fort Erie service area, and the vast majority of distribution system load in its Port Colborne service area,³ is supplied from the IESO-controlled grid and as such is billed for transmission service by the IESO at the prevailing Uniform Transmission Rate. All of CNPI’s distribution system load in Gananoque, and a very small portion of the distribution system load in Port Colborne, is supplied from the Hydro One distribution system and as such is billed for retail transmission service by Hydro One at the prevailing Sub-Transmission Rate. Variance accounts capture timing and rate differences between the rates paid at the wholesale level and the Retail Transmission Service Rates (“RTSRs”) billed to CNPI’s distribution customers.

CNPI has undertaken a review of its RTSR in a manner consistent with the Board’s Guideline G-2008-0001: Electricity Distribution Retail Transmission Service Rates, October 22, 2008 as revised June 28, 2012.

The OEB’s RTSR model was used to calculate CNPI’s proposed 2022 RTSR rates and a live Excel version of the model has been filed in conjunction with this Application. A PDF version is included in Appendix 8-D of this Exhibit.

Table 8 - 13 below compares CNPI’s existing RTSRs with the proposed 2022 RTSRs calculated in the RTSR model. The relatively large increase in the Network RTSR rates is primarily due to an approximate 8.6% increase in the Network UTR in 2021. The proposed RTSR revenue summarized in Table 8 - 14 is consistent with the values reflected in the CNPI’s forecasted power supply expense for its 2022 working capital allowance.⁴

Table 8 - 13: Existing vs Proposed RTSR

Customer Class	Unit	RTSR - Network			RTSR - Connection		
		2021 Existing	2022 Proposed	Change	2021 Existing	2022 Proposed	Change
Residential	\$/kWh	\$0.0072	\$0.0086	\$0.0014	\$0.0065	\$0.0067	\$0.0002
GS < 50	\$/kWh	\$0.0062	\$0.0074	\$0.0012	\$0.0056	\$0.0057	\$0.0001
GS 50 to 4,999 kW	\$/kW	\$2.6314	\$3.1431	\$0.5117	\$2.3230	\$2.3802	\$0.0572
Embedded Distributor	\$/kW	\$2.6314	\$3.1431	\$0.5117	\$2.3230	\$2.3802	\$0.0572
Street Light	\$/kW	\$1.9477	\$2.3265	\$0.3788	\$1.7724	\$1.8160	\$0.0436
Sentinel Light	\$/kW	\$2.2425	\$2.6786	\$0.4361	\$1.8958	\$1.9425	\$0.0467
USL	\$/kWh	\$0.0064	\$0.0076	\$0.0012	\$0.0057	\$0.0058	\$0.0001

³ As discussed in Exhibit 1, less than 1% of CNPI’s distribution system load in Port Colborne is supplied from an embedded delivery point located on Hydro One Networks’ distribution system.

⁴ See Appendix 2-ZB in the OEB Chapter 2 Appendices workbook.

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Table 8 - 14: 2022 Forecasted RTSR Revenue

Customer Class	Test Year Billing Determinants			RTSR - Network		RTSR - Connection		Total RTSR Revenue
	Volume	Unit	Loss Factor	Rate	Revenue	Rate	Revenue	
Residential	207,937,091	\$/kWh	1.0544	\$0.0086	\$1,885,582	\$0.0067	\$1,460,208	\$3,345,789
GS < 50	66,588,571	\$/kWh	1.0544	\$0.0074	\$519,963	\$0.0057	\$402,863	\$922,825
GS 50 to 4,999 kW	522,202	\$/kW	1.0544	\$3.1431	\$1,730,637	\$2.3802	\$1,310,559	\$3,041,196
Embedded Distributor	13,863	\$/kW	1.0544	\$3.1431	\$45,944	\$2.3802	\$34,792	\$80,736
Street Light	4,403	\$/kW	1.0544	\$2.3265	\$10,801	\$1.8160	\$8,431	\$19,232
Sentinel Light	1,615	\$/kW	1.0544	\$2.6786	\$4,561	\$1.9425	\$3,308	\$7,868
USL	1,340,169	\$/kWh	1.0544	\$0.0076	\$10,802	\$0.0058	\$8,253	\$19,055
Total:					\$4,208,289		\$3,228,413	\$7,436,702

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3 CNPI confirms that it will update the RTSR model, if required, to reflect any changes to UTRs or Hydro
4 One sub-transmission rates between the filing of this Application and the filing of a draft rate order.

5 8.2.2 RETAIL SERVICE CHARGES

6 Retail services refer to services provided by a distributor to retailers or customers related to the supply
7 of competitive electricity as set out in the Retail Settlement Code ("RSC"). CNPI proposes to maintain all
8 of its current Retail Service Charges in this Application.

9 On November 8, 2019, the OEB issued its *Report of the Ontario Energy Board: Energy Retailer Service*
10 *Charges* (the "RSC Report"). The RSC report established new RSCs would be set by the OEB, effective
11 May 1, 2019, and confirmed that these charges would be annually adjusted, based on the OEB's
12 approved inflation factor. The OEB's February 14, 2019 Decision and Order in EB-2015-0304 established
13 the RSCs in effect May 1, 2019.

14 Table 8 - 15 shows the 2021 inflation-adjusted RSC's approved by the OEB in EB-2020-0285. CNPI notes
15 that it has omitted the new "Notice of switch letter charge" from the table below. In accordance with
16 the OEB's decision in implementing this new charge, distributors could opt out of applying this charge by
17 notifying the OEB within 60 days of the issuance of the Decision and Order. On March 27, 2019, CNPI
18 and its affiliate API jointly notified the OEB of their intent to opt out of applying this new charge, on the
19 basis that only 22 such letters were issued in 2018, and therefore the forecast costs of implementing the
20 charge would exceed the forecasted incremental revenue.

21

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Table 8 - 15: OEB-Approved RSCs for 2021 and Proposed RSCs for 2022

Retail Service Charge		Current Charge	Inflation Factor	Proposed Charge
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24	2%	106.53
Monthly fixed charge, per retailer	\$	41.70	2%	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04	2%	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62	2%	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	-0.62	2%	-0.63
Service Transaction Requests (STR)		0		0.00
Request fee, per request, applied to the requesting party	\$	0.52	2%	0.53
Processing fee, per request, applied to the requesting party	\$	1.04	2%	1.06
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.17	2%	4.26

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3 CNPI proposing to continue using the OEB's default inflation-adjusted RSCs, and expects that the OEB
4 will confirm 2022 inflation-adjusted RSCs in a separate proceeding. For the purpose of this Application,
5 CNPI has used a placeholder inflation factor of 2%.

6 CNPI confirms that forecasted 2022 revenue from RSCs is included in the Other Revenue forecast
7 presented in Exhibit 3, and that the costs of providing retail services are included in OM&A forecasts
8 presented in Exhibit 4.

9 CNPI has addressed disposition of retail service charge variance amounts recorded in its Account 1508
10 sub-account in Exhibit 9.

11 8.2.3 REGULATORY CHARGES

12 CNPI has incorporated the OEB-approved regulatory charges for 2021 in this Application, as discussed in
13 the subsections below. CNPI proposes that its 2022 Tariff of Rates and Charges be updated to reflect
14 the 2022 approved rates when the OEB issues its decision on 2022 regulatory charges.

15 8.2.3.1 WHOLESALE MARKET SERVICE RATE

16 Wholesale Market Service Charges (WMS Charges) recover the cost of services required to operate the
17 electricity system and administer the wholesale market. These charges include the costs of items such as
18 operating reserve, certain market costs related to system congestion and imports, as well as other costs,
19 such as losses on the IESO-controlled grid.

Individual electricity distributors recover the WMS Charges from their customers through the WMS rate, which is authorized by the Board under section 78 of the OEB Act. The WMS rate appears on the tariff sheets for all electricity distributors. WMS Charges are paid by all customers of the wholesale electricity market, including electricity distributors, to the IESO.

These charges and customer payments are recorded in Account 1580 of the Uniform System of Accounts. Any audited balances within Account 1580 are usually considered for disposition in the distributor's next rates application.

On December 19, 2020 the Board issued a Decision and Order setting the WMS rate for 2021 at \$0.0034/kWh (including Class B CBR of \$0.0004/kWh). This unit rate shall apply to a customer's metered energy consumption adjusted by the distributor's Board-approved Total Loss Factor.

8.2.3.2 RURAL OR REMOTE RATE PROTECTION

The Rural or Remote Electricity Rate Protection (RRRP) program is designed to provide financial assistance to eligible customers located in rural or remote areas where the costs of providing electricity service to these customers exceed the costs of providing electricity to customers located elsewhere in the province of Ontario. The OEB approves a RRRP requirement amount to be collected from electricity distributors by the IESO each year. The OEB also approves a charge that the IESO applies in order to recover the RRRP requirement amount from all customers in the province. Electricity distributors in turn levy an OEB-approved retail RRRP charge to recover the RRRP amount paid to the IESO. The IESO is required by regulation to pay out the funds to distributors that have received approval for RRRP funding and to track any over or under collections.

On December 19, 2020, the Board issued a Decision and Order setting the RRRP rate for 2021 at \$0.0005/kWh. This unit rate shall apply to a customer's metered energy consumption adjusted by the distributor's Board-approved Total Loss Factor.

8.2.3.3 STANDARD SUPPLY SERVICE CHARGES

The Standard Supply Service Charge is also set by the OEB on a province-wide basis. The current charge is \$0.25 per customer, per month, which is unchanged from recent years.

8.2.4 SPECIFIC SERVICE CHARGES

CNPI's existing Specific Service Charges are listed at page 7 of its existing Tariff of Rates and Charges, included as Appendix 8-B to this Exhibit. CNPI is not requesting any new Specific Service Charges, nor is CNPI requesting any changes to its existing Specific Service Charges, other than inflationary adjustments to the wireline pole attachment charge discussed in the following Section.

CNPI does not have any specific rates and charges reflected in its Conditions of Service that are not listed in its tariff sheet. Any revenues from capital contributions related to the system expansion process outlined in CNPI's conditions of service are appropriately reflected as Contributions in Aid of Construction (CIAC) throughout Exhibit 2 and CNPI's DSP. Capital contributions are calculated on a case-by-case basis, and therefore cannot be included in CNPI's tariff sheet. Details of historical and forecasted revenue from Specific Service charges are provided in Section 3.4 of Exhibit 3.

8.2.5 WIRELINE POLE ATTACHMENT CHARGE

CNPI is proposing to use the OEB-approved province-wide service charge for pole rentals, which is currently set at \$44.50 for 2021. CNPI acknowledges that the OEB will determine the appropriate rate for 2022 in due course, and commits to updating its proposed tariff, as well as its other revenue forecast, accordingly.

CNPI is recording variances in revenue on pole rental charges from September 1, 2018 until December 31, 2021 in the appropriate variance account, in accordance with the OEB's July 20, 2018 Accounting Guidance on this matter. For the 2022 Test Year, CNPI has forecast a material increase in Account 4210 – Rent from Electric Property, as described in Section 3.4 of Exhibit 3. Disposition of the balance in the Pole Attachment Revenue variance account is addressed in Exhibit 9.

8.2.6 LOW VOLTAGE SERVICE RATES

8.2.6.1 OVERVIEW

The majority of CNPI's distribution system (all of its Fort Erie service territory and the vast majority of its Port Colborne service territory) is supplied from the IESO-controlled grid, and as such does not attract low voltage charges from Hydro One.

The portions of CNPI's distribution system that attract low voltage charges include CNPI's Eastern Ontario Power (EOP) service territory, which is fully embedded within Hydro One's distribution system through a single point of supply from Hydro One's 44 kV system as well as a very small section of CNPI's Port Colborne distribution system which is supplied from Hydro One's Crowland M13 feeder.

An embedded distributor's forecast for low voltage costs is normally supported by forecast volumes and the host distributor's rates for low voltage service. However, given the unique characteristics of CNPI's two embedded supply points, the majority of CNPI's low voltage charges are a result of the timing of the output of third-party embedded generation facilities in relation to the timing of the peak load on these embedded supply point. This results in low voltage charges that are highly variable, and largely beyond CNPI's control.

The following sections describe the unique operating characteristics associated with CNPI's embedded supply points, and propose the use of a 3-year historical average (2018-2020) as the basis for the proposed 2022 Test Year low voltage charges. This approach is similar to the approach presented and accepted in CNPI's prior cost of service applications (EB-2012-0112 and EB-2016-0061), which used the most recent historical year. CNPI submits that this approach is reasonable in light of the forecasting challenges presented below, the minimal rate impact associated with low voltage charges, and the fact that any differences between low voltage charges and recoveries will be recorded in a variance account.

8.2.6.2 GANANOQUE (EASTERN ONTARIO POWER)

CNPI's distribution system in the Gananoque area is supplied from Hydro One's 44 kV distribution system at a single point of supply. However, embedded within CNPI's Gananoque distribution system are five merchant hydro generating stations with a combined name plate capacity of approximately 6 MW. This distribution system has a peak load demand of approximately 12 MW.

These embedded hydro-electric generation stations are run-of-the-river style generators and are therefore not suited to any form of scheduled dispatch. In addition to water availability under the run-of-the-river operating regime, the stations are located on a navigable waterway; the Rideau Canal. This means that water control in the canal system rests with the National Parks Commission. The amount of generation at any particular time is entirely dependent upon water availability. As a result, CNPI's net billing demand at the Hydro One 44 kV supply point is often less than its peak system load, and can also vary significantly from month to month.

8.2.6.3 PORT COLBORNE – CROWLAND TS

A very small section of CNPI's Port Colborne distribution system is supplied from the end of Hydro One's Crowland M13 distribution feeder. The balance of the load in Port Colborne is supplied from the Port Colborne Transformer Station (TS). CNPI has the capacity to supply all of its energy demand from the Port Colborne TS, thus avoiding low voltage charges applicable to the embedded supply point on the M13 feeder.

There are, however, certain contingency scenarios during which a small portion of CNPI's distribution system in Port Colborne is connected to the M13 feeder, which will incur low voltage costs from Hydro One.

8.2.6.4 PROPOSED LOW VOLTAGE CHARGES

Given the uncertainty related to the amount of energy supply from embedded hydro-electric generators in Gananoque, and the uncertainty surrounding intermittent use of the M13 embedded supply point in Port Colborne, CNPI is forecasting 2021 Bridge Year and 2022 Test Year low voltage costs using the 2018-2020 average of \$149,224 as calculated in Table 8 - 16.

Table 8 - 16: Forecast Low Voltage Charges

	2018	2019	2020	Average
LV Charges	138,691	150,200	158,781	149,224

CNPI's current low voltage rates are based on low voltage costs of \$141,832 approved in EB-2016-0061; the 2017 actual costs were \$121,178. CNPI's Low Voltage rates have not been changed during the IRM phase subsequent to CNPI's 2017 cost of service application.

CNPI has allocated the low voltage costs to the customer classes on the basis of the proportion of Retail Transmission Connection Rate revenues forecasted for the test year using the 2021 IRM approved rates and the forecasted volumes for the 2022 Test Year. Derivation of the proposed low voltage rates are shown in the table below.

Table 8 - 17: Determination of Proposed Low Voltage Rates

Customer Class	2022 RTSR Connection Rate	Test Year Billing Determinants		RTSR Connection Revenue		Allocate 2022 LV Revenue	Proposed 2022 LV Rates
		Volume	Unit	\$	%		
Residential	\$0.0067	207,937,091	\$/kWh	\$1,384,871	45.2%	\$67,494	\$0.0003
GS < 50	\$0.0057	66,588,571	\$/kWh	\$382,078	12.5%	\$18,621	\$0.0003
GS 50 to 4,999 kW	\$2.3802	522,202	\$/kW	\$1,242,943	40.6%	\$60,577	\$0.1160
Embedded Distributor	\$2.3802	13,863	\$/kW	\$32,997	1.1%	\$1,608	\$0.1160
Street Light	\$1.8160	4,403	\$/kW	\$7,996	0.3%	\$390	\$0.0885
Sentinel Light	\$1.9425	1,615	\$/kW	\$3,137	0.1%	\$153	\$0.0947
USL	\$0.0058	1,340,169	\$/kWh	\$7,827	0.3%	\$381	\$0.0003
Total:				\$3,061,849	100.0%	\$149,224	

8.2.7 SMART METER ENTITY CHARGE

CNPI is proposing to maintain its existing Smart Meter Entity Charge ("SME"). The proposed 2022 rate remains at \$0.57 in accordance with the OEB's March 1, 2018 Decision and Order in EB-2017-0290, which indicates that this rate is effective until December 31, 2022. CNPI confirms that it has complied with the OEB's March 23, 2018 accounting guidance.

8.3 LOSS ADJUSTMENT FACTORS

8.3.1 ELECTRICITY SUPPLY

The majority of CNPI's distribution system in the Niagara area (all of its Fort Erie service area and the vast majority of its Port Colborne service area) is supplied from the IESO-controlled grid. A very small portion of CNPI's Port Colborne service area and the entire Gananoque service area are supplied from Hydro One's distribution systems. Further details on CNPI's embedded supply points are provided in Section 8.2.6.

8.3.2 SUPPLY FACILITIES LOSS FACTOR

CNPI has determined the Supply Facilities Loss Factor from actual quantities recorded for each of its wholesale market delivery points. The calculated value has been consistent over the five-year historical period, varying from a low of 1.0065 to a high of 1.0073. The five-year average Supply Facilities Loss Factor is 1.0069 for all service territories on a combined basis.

8.3.3 DISTRIBUTION LOSS FACTOR

The Distribution Loss Factor for CNPI has been determined as prescribed in the Filing Requirements and the details are provided in OEB Appendix 2-R, which is reproduced in Section 8.3.4.

There is no wholesale energy delivered to CNPI that is for a Large Use Customer and no portion of the retail energy delivered by CNPI is for a Large Use Customer.

CNPI has determined its Distribution Loss Factor based on the most recent five years of historical data.

8.3.4 TOTAL LOSS FACTOR

Table 8 - 18 details the calculation of CNPI's total loss factor, consistent with OEB Appendix 2-R. CNPI's proposed 2022 total loss factors for secondary and primary metered customers are compared to CNPI's 2017 OEB-approved total loss factors in Table 8 - 19.

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Table 8 - 18: Loss Factor Calculation (OEB Appendix 2-R)

		Historical Years					5-Year Average
		2016	2017	2018	2019	2020	
	Losses Within Distributor's System						
A(1)	"Wholesale" kWh delivered to distributor (higher value)	492,735,717	479,693,071	503,117,233	493,471,449	486,568,108	491,117,116
A(2)	"Wholesale" kWh delivered to distributor (lower value)	489,171,033	476,581,782	499,565,949	490,175,840	483,173,303	487,733,581
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	489,171,033	476,581,782	499,565,949	490,175,840	483,173,303	487,733,581
D	"Retail" kWh delivered by distributor	465,845,486	453,757,518	477,310,440	469,366,151	462,577,806	465,771,480
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						-
F	Net "Retail" kWh delivered by distributor = D - E	465,845,486	453,757,518	477,310,440	469,366,151	462,577,806	465,771,480
G	Loss Factor in Distributor's system = C / F	1.0501	1.0503	1.0466	1.0443	1.0445	1.0472
	Losses Upstream of Distributor's System						
H	Supply Facilities Loss Factor	1.0073	1.0065	1.0071	1.0067	1.0070	1.0069
	Total Losses						
I	Total Loss Factor = G x H	1.0577	1.0572	1.0541	1.0514	1.0519	1.0544

2

3

Table 8 - 19: Loss Factor Comparison

	2017-2021 Approved	2022 Proposed
Supply Facility Loss Factor	1.0069	1.0069
Distribution Loss Factor	1.0458	1.0472
Total Loss Factor (Secondary Metered)	1.0530	1.0544
Total Loss Factor (Primary Metered)	1.0425	1.0439

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8.3.5 MATERIALITY OF DISTRIBUTION LOSSES

The Filing Requirements specify that in cases where the proposed distribution loss factor exceeds 5%, the distributor must provide an explanation for the level of the loss factor, details of actions taken to reduce losses in the previous five years, and actions planned to reduce losses going forward.

CNPI's proposed distribution loss factor of 1.0472 (row G in Table 8 - 18) is below this threshold.

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8.4 TARIFF OF RATES AND CHARGES

CNPI's existing tariff is included as Appendix 8-B to this Exhibit and the proposed 2022 tariff is included as Appendix 8-C. OEB staff provided CNPI with an updated OEB Tariff and Bill Impact model to produce the 2022 proposed tariff.

8.5 REVENUE RECONCILIATION

Table 8 - 20 shows the distribution revenue that results from applying the proposed 2022 distribution rates identified in Section 8.1.2.2 to CNPI's 2022 Test Year customer count and load forecast. This revenue is compared to CNPI's 2022 base revenue requirement, consistent with Sheet 13 of the RRWF. The difference of \$1,110, or 0.004%, is due to rounding in the calculation of the rates that appear on CNPI's tariff.

Table 8 - 20: Reconciliation of Distribution Rate Revenue to Base Revenue Requirement

Customer Class	Determinant	Test Year Load Forecast		Proposed Rates		Test Year Revenue		
		Customers/ Connections	Volume	Fixed	Variable	Fixed	Variable	Total
Residential	kWh	27,227	207,937,091	42.42	0.0000	13,859,468	0	13,859,468
GS < 50	kWh	2,515	66,588,571	35.71	0.0291	1,077,749	1,937,727	3,015,476
GS 50 to 4,999 kW	kW	187	522,202	169.70	8.4793	380,473	4,427,903	4,808,376
Embedded Distributor	kW	1	13,863	610.63	9.7651	7,328	135,375	142,702
Street Light	kW	6,064	4,403	4.12	9.0446	299,793	39,823	339,617
Sentinel Light	kW	610	1,615	6.45	7.4381	47,195	12,012	59,206
USL	kWh	48	1,340,169	49.79	0.0335	28,884	44,896	73,780

Total:	15,700,889	6,597,736	22,298,625
Less Transformer Allowance:		-177,896	-177,896
	<u>15,700,889</u>	<u>6,419,840</u>	<u>22,120,728</u>

Base Revenue Requirement: 22,117,708

Difference (\$): 3,020
Difference (%): 0.014%

8.6 BILL IMPACT INFORMATION

A complete set of bill impacts and summary information consistent with Sheet 6 of the OEB's Tariff Schedule and Bill Impacts Model (the "OEB Bill Impact Model") is included as Appendix 8-E to this Exhibit. The bill impacts presented include all changes resulting from the Application as-filed, such as changes to base distribution rates, rate riders, and RTSR's. As specified in the filing requirements, commodity and regulatory charges are held constant. CNPI confirms that rates are rounded to the number of decimals specified in the proposed tariff.

The scenarios included in the OEB Bill Impact Model include a representative sample of end-users, in accordance with the instructions contained in that model.

Table 8 - 21 below is a reproduction of Table 2 in Sheet 6 of the OEB model, providing an analysis of the absolute dollar changes and % changes resulting from this Application, for various sub-totals (distribution excluding pass-through, distribution, delivery and total bill).

Table 8 - 21: Bill Impact Analysis (Table 2 of OEB Model)

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$4.50	11.9%	\$1.76	4.1%	\$3.04	5.7%	\$2.80	2.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$5.33	5.9%	-\$2.26	-2.2%	\$0.51	0.4%	\$0.48	0.2%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$67.35	11.1%	-\$5.06	-0.8%	\$29.08	3.1%	\$29.62	1.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$1,375.68	13.1%	\$628.24	6.0%	\$1,285.47	7.9%	\$1,530.51	2.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kwh	\$16.00	13.6%	\$15.36	11.8%	\$18.83	11.6%	\$17.30	4.4%
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.28	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kw	\$17.72	13.1%	\$14.96	10.5%	\$17.37	10.7%	\$15.96	5.5%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$82.31	11.2%	\$50.01	6.5%	\$56.35	6.9%	\$63.71	3.9%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$4.50	11.9%	\$2.60	6.0%	\$3.88	7.2%	\$3.56	2.8%

8.7 RATE MITIGATION

All of the total bill impacts presented in Section 8.6 are below the OEB's 10% threshold. As such a rate mitigation plan is not required.



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

APPENDIX 8-A: CNPI 2022 RATE DESIGN MODEL

CNPI Rate Design Model - Sheet A - Test Year Revenue at Bridge Year Rates

Table 8 - 3: Existing Distribution Rates and 2022 Test Year Load Forecast

	2021 Bridge Year Rates			2022 Test Year Forecast		
Customer Class	Fixed Charge	Volumetric Charge	Unit	Customer /Connection Count	Forecast kWh	Forecast kW
Residential	\$37.40	\$0.0000	kWh	27,227	207,937,091	
GS < 50	\$31.58	\$0.0257	kWh	2,515	66,588,571	
GS 50 to 4,999 kW	\$169.70	\$7.4535	kW	187	176,291,005	522,202
Embedded Distributor	\$610.63	\$8.5743	kW	1	5,185,553	13,863
Street Light	\$4.09	\$8.8982	kW	6,064	1,449,102	4,403
Sentinel Light	\$5.70	\$6.5951	kW	610	514,043	1,615
USL	\$49.79	\$0.0271	kWh	48	1,340,169	
Transformer Allowance		-\$0.60	kW			296,494

CNPI Rate Design Model - Sheet A - Test Year Revenue at Bridge Year Rates

Table 8 - 4: 2022 Revenue from Existing Rates at Forecasted Loads

Customer Class	Fixed	Variable	Total Distribution	Transformer Allowance	Net Distribution Revenue	Class % of Total
Residential	\$12,219,333	\$0	\$12,219,333		\$12,219,333	62.5%
GS < 50	\$953,103	\$1,711,326	\$2,664,429		\$2,664,429	13.6%
GS 50 to 4,999 kW	\$380,473	\$3,892,229	\$4,272,702	-\$177,896	\$4,094,805	20.9%
Embedded Distributor	\$7,328	\$118,866	\$126,194		\$126,194	0.6%
Street Light	\$297,610	\$39,179	\$336,789		\$336,789	1.7%
Sentinel Light	\$41,707	\$10,650	\$52,357		\$52,357	0.3%
USL	\$28,884	\$36,319	\$65,202		\$65,202	0.3%
Total	\$13,928,437	\$5,808,569	\$19,737,007	-\$177,896	\$19,559,110	100.0%

Table 8 - 5: 2022 Fixed and Variable Proportions at Existing Rates

Customer Class	Fixed %	Variable %
Residential	100.0%	0.0%
GS < 50	35.8%	64.2%
GS 50 to 4,999 kW	9.3%	90.7%
Embedded Distributor	5.8%	94.2%
Street Light	88.4%	11.6%
Sentinel Light	79.7%	20.3%
USL	44.3%	55.7%
Total	71.2%	28.8%

CNPI Rate Design Model - Sheet B - Test Year Rate Design

Results from CA Model

	Residential	GS < 50	GS 50 to 4,999 kW	Embedded Distributor	Street Light	Sentinel Light	USL
Customer Unit Cost per month - Avoided Cost	5.07	11.38	85.63	338.38	0.00	0.16	0.36
Customer Unit Cost per month - Directly Related	8.07	17.10	130.19	496.37	0.01	0.29	0.67
Customer Unit Cost per month - Minimum System with PLCC Adjustment	27.01	37.44	162.89	361.84	5.37	17.81	15.84
Existing Approved Fixed Charge	37.40	31.58	169.70	610.63	4.09	5.70	49.79
Minimum Fixed Charge	5.07	11.38	85.63	338.38	0.00	0.16	0.36
Maximum Fixed Charge	37.40	37.44	169.70	610.63	5.37	17.81	49.79

Table 8 - 6: Test Year Monthly Service Charges at Status-Quo Fixed/Variable Proportions

Customer Class	Existing Rates		Status Quo F/V Split for Test Year			
	Fixed Charge	Fixed Revenue Ratio	Allocated Revenue	Fixed Revenue	# of Customers/ Connections	Resulting Fixed Charge
Residential	37.40	100.00%	13,859,017	13,859,017	27,227	42.42
GS < 50	31.58	35.77%	3,012,973	1,077,782	2,515	35.71
GS 50 to 4,999 kW	169.70	9.29%	4,630,462	430,244	187	191.9
Embedded Distributor	610.63	5.81%	142,702	8,286	1	690.51
Street Light	4.09	88.37%	339,617	300,109	6,064	4.12
Sentinel Light	5.70	79.66%	59,206	47,163	610	6.45
USL	49.79	44.30%	73,732	32,662	48	56.3

CNPI Rate Design Model - Sheet B - Test Year Rate Design

Table 8 - 7: Monthly Service Charges Compared to Cost Allocation Study

Customer Class	Fixed Charge			
	Bridge Year Approved	Test Year Status Quo	Minimum	Maximum
Residential	37.40	42.42	5.07	37.40
GS < 50	31.58	35.71	11.38	37.44
GS 50 to 4,999 kW	169.70	191.90	85.63	169.70
Embedded Distributor	610.63	690.51	338.38	610.63
Street Light	4.09	4.12	0.00	5.37
Sentinel Light	5.70	6.45	0.16	17.81
USL	49.79	56.30	0.36	49.79

Table 8 - 8: Proposed 2022 Fixed Charges and Class Revenues

Customer Class	Fixed Rate Setting	Fixed Charge	# of Customers/ Connections	Fixed Revenue
Residential	100% Fixed	42.42	27,227	13,859,468
GS < 50	Maintain Ratio	35.71	2,515	1,077,749
GS 50 to 4,999 kW	Maintain Rate	169.70	187	380,473
Embedded Distributor	Maintain Rate	610.63	1	7,328
Street Light	Maintain Ratio	4.12	6,064	299,793
Sentinel Light	Maintain Ratio	6.45	610	47,195
USL	Maintain Rate	49.79	48	28,884

CNPI Rate Design Model - Sheet B - Test Year Rate Design

Table 8 - 9: Fixed/Variable Proportion Comparison

Customer Class	From Table 8-5		Test Year Proposed	
	Fixed %	Variable %	Fixed %	Variable %
Residential	100.00%	0.00%	100.00%	0.00%
GS < 50	35.77%	64.23%	35.77%	64.23%
GS 50 to 4,999 kW	9.29%	90.71%	8.22%	91.78%
Embedded Distributor	5.81%	94.19%	5.13%	94.87%
Street Light	88.37%	11.63%	88.27%	11.73%
Sentinel Light	79.66%	20.34%	79.71%	20.29%
USL	44.30%	55.70%	39.17%	60.83%

Table 8 - 10: Proposed 2022 Variable Distribution Rates and Class Revenues

Customer Class	Variable Revenue	Transformer Allowance	kWh/kW	Variable Rate	Determinant
Residential	0		207,937,091	0.0000	kWh
GS < 50	1,935,224		66,588,571	0.0291	kWh
GS 50 to 4,999 kW	4,249,989	177,896	522,202	8.4793	kW
Embedded Distributor	135,374		13,863	9.7651	kW
Street Light	39,823		4,403	9.0446	kW
Sentinel Light	12,012		1,615	7.4381	kW
USL	44,848		1,340,169	0.0335	kWh

CNPI Rate Design Model - Sheet B - Test Year Rate Design

Table 8 - 11: Revenue Reconciliation Summary

Customer Class	Fixed Revenue	Variable Revenue	Revenue Less Transformer Allowance	Allocated Base Revenue Requirement	Difference (Due to Rounding)
Residential	13,859,468	0	13,859,468	13,859,017	451
GS < 50	1,077,749	1,937,727	3,015,476	3,012,973	2,503
GS 50 to 4,999 kW	380,473	4,427,903	4,630,480	4,630,462	18
Embedded Distributor	7,328	135,375	142,702	142,702	0
Street Light	299,793	39,823	339,617	339,617	0
Sentinel Light	47,195	12,012	59,206	59,206	0
USL	28,884	44,896	73,780	73,732	48
Total	15,700,889	6,597,736	22,120,728	22,117,708	3,020

Table 8 - 12: Comparison of Current and Proposed Rates

Customer Class	Determinant	Bridge Year Approved		Test Year Proposed	
		Fixed Charge	Variable Rate	Fixed Charge	Variable Rate
Residential	kWh	37.40	0.0000	42.42	0.0000
GS < 50	kWh	31.58	0.0257	35.71	0.0291
GS 50 to 4,999 kW	kW	169.70	7.4535	169.70	8.4793
Embedded Distributor	kW	610.63	8.5743	610.63	9.7651
Street Light	kW	4.09	8.8982	4.12	9.0446
Sentinel Light	kW	5.70	6.5951	6.45	7.4381
USL	kWh	49.79	0.0271	49.79	0.0335

CNPI Rate Design Model - Sheet B - Test Year Rate Design

Table 8 - 20: Reconciliation of Distribution Rate Revenue to Base Revenue Requirement

Customer Class	Determinant	Test Year Load Forecast		Proposed Rates		Test Year Revenue		
		Customers/ Connections	Volume	Fixed	Variable	Fixed	Variable	Total
Residential	kWh	27,227	207,937,091	42.42	0.0000	13,859,468	0	13,859,468
GS < 50	kWh	2,515	66,588,571	35.71	0.0291	1,077,749	1,937,727	3,015,476
GS 50 to 4,999 kW	kW	187	522,202	169.70	8.4793	380,473	4,427,903	4,808,376
Embedded Distributor	kW	1	13,863	610.63	9.7651	7,328	135,375	142,702
Street Light	kW	6,064	4,403	4.12	9.0446	299,793	39,823	339,617
Sentinel Light	kW	610	1,615	6.45	7.4381	47,195	12,012	59,206
USL	kWh	48	1,340,169	49.79	0.0335	28,884	44,896	73,780

Total:	15,700,889	6,597,736	22,298,625
Less Transformer Allowance:		-177,896	-177,896
	<u>15,700,889</u>	<u>6,419,840</u>	<u>22,120,728</u>

Base Revenue Requirement: 22,117,708

Difference (\$): 3,020

Difference (%): 0.014%



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

APPENDIX 8-B: EXISTING TARIFF OF RATES AND CHARGES (2021)

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0008

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	37.40
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	0.51
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021)		
- effective until December 31, 2021	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0007)
Rate Rider for Disposition of Capacity Based Recovery Account (2021)		
- effective until December 31, 2021 Applicable only for Class B Customers	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065

MONTHLY RATES AND CHARGES - Regulatory Component

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

Issued December 10, 2020
Corrected December 17, 2020

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
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EB-2020-0008

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.58
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	1.08
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0257
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021)		
- effective until December 31, 2021	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0007)
Rate Rider for Disposition of Capacity Based Recovery Account (2021)		
- effective until December 31, 2021 Applicable only for Class B Customers	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056

MONTHLY RATES AND CHARGES - Regulatory Component

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

Issued December 10, 2020
Corrected December 17, 2020

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
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EB-2020-0008

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.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	169.70
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	25.39
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	\$/kW	7.4535
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021	\$/kWh	0.0005
Applicable only for Non-RPP Customers		
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021)		
- effective until December 31, 2021	\$/kW	(0.3827)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.2140)
Rate Rider for Disposition of Capacity Based Recovery Account (2021)		
- effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.1336)

Issued December 10, 2020
Corrected December 17, 2020

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
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Retail Transmission Rate - Network Service Rate	\$/kW	2.6314
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3230

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
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EB-2020-0008

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	610.63
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	134.53
Distribution Volumetric Rate	\$/kW	8.5743
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.2552)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.1568)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6314
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3230

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	49.79
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	1.50
Distribution Volumetric Rate	\$/kWh	0.0271
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0006)
Rate Rider for Disposition of Capacity Based Recovery Account (2021)		
- effective until December 31, 2021 Applicable only for Class B Customers	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
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	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Canadian Niagara Power Inc.
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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.

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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

1.2283

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
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EB-2020-0008

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.70
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	0.10
Distribution Volumetric Rate	\$/kW	6.5951
Low Voltage Service Rate	\$/kW	0.0825
Rate Rider for Disposition of Capacity Based Recovery Account (2021)		
- effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.1212)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.1973)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2425
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8958

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
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EB-2020-0008

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.

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.09
Rate Rider for Recovery of Wind Storm Damage Costs - effective until December 31, 2021	\$	0.05
Distribution Volumetric Rate	\$/kW	8.8982
Low Voltage Service Rate	\$/kW	0.0771
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021)		
- effective until December 31, 2024	\$/kW	6.2707
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.2117)
Rate Rider for Disposition of Capacity Based Recovery Account (2021)		
- effective until December 31, 2021 Applicable only for Class B Customers	\$/kW	(0.1302)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9477
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7724

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
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EB-2020-0008

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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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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TARIFF OF RATES AND CHARGES
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SPECIFIC SERVICE CHARGES

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

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Customer Administration

Arrears certificate (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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

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 (with the exception of wireless attachments) - Approved on an Interim Basis	\$	44.50

Issued December 10, 2020
Corrected December 17, 2020

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0008

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24
Monthly fixed charge, per retailer	\$	41.70
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

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



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

APPENDIX 8-C: PROPOSED TARIFF OF RATES AND CHARGES (2022)

Canadian Niagara Power Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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

EB-2021-0011

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	42.42
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$	(2.78)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kWh	(0.0005)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0086
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022

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EB-2021-0011

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	35.71
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0291
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kWh	(0.0046)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kWh	0.0012
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
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	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Canadian Niagara Power Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0011

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.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	169.70
Distribution Volumetric Rate	\$/kW	8.4793
Low Voltage Service Rate	\$/kW	0.1160
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kW	(1.5127)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	(0.0959)
Retail Transmission Rate - Network Service Rate	\$/kW	3.1431
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3802

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
This schedule supersedes and replaces all previously
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EB-2021-0011

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
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EB-2021-0011

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	610.63
Distribution Volumetric Rate	\$/kW	9.7651
Low Voltage Service Rate	\$/kW	0.1160
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kW	(1.3689)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kW	3.1431
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3802

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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

EB-2021-0011

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	49.79
Distribution Volumetric Rate	\$/kWh	0.0335
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kWh	(0.0009)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0011

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 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

1.2283

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0011

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	6.45
Distribution Volumetric Rate	\$/kW	7.4381
Low Voltage Service Rate	\$/kW	0.0947
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kW	(0.9023)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kW	2.6786
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9425

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0011

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.12
Distribution Volumetric Rate	\$/kW	9.0446
Low Voltage Service Rate	\$/kW	0.0885
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2024	\$/kW	6.2707
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2022	\$/kW	(2.9549)
Rate Rider for Disposition of Global Adjustment Account (2022) - Applicable only for Non-RPP Customers - effective until December 31, 2022	\$/kWh	0.0016
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2022) - effective until December 31, 2022	\$/kW	5.0931
Retail Transmission Rate - Network Service Rate	\$/kW	2.3265
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8160

MONTHLY RATES AND CHARGES - Regulatory Component

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

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
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EB-2021-0011

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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Canadian Niagara Power Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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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)

SPECIFIC SERVICE CHARGES

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

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

Customer Administration

Arrears certificate (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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Canadian Niagara Power Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2022

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EB-2021-0011

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 (with the exception of wireless attachments) - Approved on an Interim Basis	\$	44.50

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	106.53
Monthly fixed charge, per retailer	\$	42.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.06
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.63
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.63)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.53
Processing fee, per request, applied to the requesting party	\$	1.06
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.26
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.13

Canadian Niagara Power Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2022
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2021-0011

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

1.0544

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

1.0439



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

APPENDIX 8-D: RTSR MODEL



2021 RTSR Workform for Electricity Distributors

Drop-down lists are shaded blue; Input cells are shaded green.

Utility Name	Canadian Niagara Power Inc.
Assigned EB Number	EB-2021-0011
Name and Title of Contact	Trevor Wilde - Manager, Regulatory Affairs
Phone Number	289-808-2236
Email Address	RegulatoryAffairs@fortisontario.com
Last COS Re-based Year	2017

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your COS 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.



2021 RTSR Workform for Electricity Distributors

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[7. Forecast Wholesale](#)

[8. RTSR Rates to Forecast](#)

2021 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor eg: (1.0325)	Loss Adjusted Billed kWh
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	213,384,792	0	1.0530	224,694,186
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0085	213,384,792	0	1.0530	224,694,186
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0082	68,219,066	0	1.0530	71,834,676
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	68,219,066	0	1.0530	71,834,676
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6314	186,317,854	580,251	1.0530	196,192,700
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3230	186,317,854	580,251	1.0530	196,192,700
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6314	5,218,945	13,532	1.0530	5,495,549
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3230	5,218,945	13,532	1.0530	5,495,549
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	1,640,431	0	1.0530	1,727,374
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	1,640,431	0	1.0530	1,727,374
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.2425	606,042	1,951	1.0530	638,162
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8958	606,042	1,951	1.0530	638,162
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.9477	1,390,047	4,252	1.0530	1,463,719
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7724	1,390,047	4,252	1.0530	1,463,719

2021 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2019 (Jan. 1-June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW	\$	3.71	\$	3.83	\$	3.92	\$ 4.67
Line Connection Service Rate	kW	\$	0.94	\$	0.96	\$	0.97	\$ 0.77
Transformation Connection Service Rate	kW	\$	2.25	\$	2.30	\$	2.33	\$ 2.53

Hydro One Sub-Transmission Rates		Unit	2019 (Jan. 1-June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW	\$	3.1942	\$	3.2915	\$	3.3980	\$ 3.4778
Line Connection Service Rate	kW	\$	0.7710	\$	0.7877	\$	0.8045	\$ 0.8128
Transformation Connection Service Rate	kW	\$	1.7493	\$	1.9755	\$	2.0194	\$ 2.0458
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$	2.7632	\$	2.8239	\$ 2.8586

If needed, add extra host here. (I)		Unit	2019 (Jan. 1-June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		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	2019 (Jan. 1-June 30)		2019 (July 1 - Dec. 31)		2020	2021
Rate Description			Rate		Rate		Rate	Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$	-		-		\$ -	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2019	Current 2020	Forecast 2021

2021 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "3. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformation Connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancies in rates.

IESO		Network			Line Connection			Transformation Connection			Total Connection
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		61,893	\$3.9200	242,621	66,243	\$0.9700	64,256	66,243	\$2.3300	154,346	\$ 218,602
February		62,038	\$3.9200	243,189	65,043	\$0.9700	63,092	65,043	\$2.3300	151,550	\$ 214,642
March		56,766	\$3.9200	222,523	60,229	\$0.9700	58,422	60,229	\$2.3300	140,334	\$ 198,756
April		51,428	\$3.9200	201,598	56,407	\$0.9700	54,715	56,407	\$2.3300	131,428	\$ 186,143
May		71,080	\$3.9200	278,634	79,910	\$0.9700	77,513	79,910	\$2.3300	186,190	\$ 263,703
June		88,908	\$3.9200	348,519	101,530	\$0.9700	98,484	101,530	\$2.3300	236,565	\$ 335,049
July		90,709	\$3.9200	355,579	91,297	\$0.9700	88,568	91,297	\$2.3300	212,722	\$ 301,280
August		85,871	\$3.9200	336,614	85,939	\$0.9700	83,361	85,939	\$2.3300	200,238	\$ 283,599
September		75,488	\$3.9200	295,913	76,478	\$0.9700	74,184	76,478	\$2.3300	178,194	\$ 252,377
October		69,978	\$3.9200	274,314	76,740	\$0.9700	74,438	76,740	\$2.3300	178,804	\$ 253,242
November		58,875	\$3.9200	230,790	61,537	\$0.9700	59,691	61,537	\$2.3300	143,381	\$ 203,072
December		82,643	\$3.9200	323,961	89,717	\$0.9700	87,025	89,717	\$2.3300	209,041	\$ 296,066
Total		855,677	\$ 3.92	\$ 3,354,254	911,070	\$ 0.97	\$ 883,738	911,070	\$ 2.33	\$ 2,122,793	\$ 3,006,531

Hydro One		Network			Line Connection			Transformation Connection			Total Connection
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		6,924	\$3.3980	\$ 23,527	6,924	\$0.8045	\$ 5,570	6,924	\$2.0194	\$ 13,982	\$ 19,552
February		7,612	\$3.3980	\$ 25,867	7,613	\$0.8045	\$ 6,124	7,613	\$2.0194	\$ 15,373	\$ 21,497
March		5,848	\$3.3980	\$ 19,871	5,899	\$0.8045	\$ 4,746	5,899	\$2.0194	\$ 11,912	\$ 16,658
April		6,296	\$3.3980	\$ 21,394	19,759	\$0.8045	\$ 15,896	19,759	\$2.0194	\$ 39,901	\$ 55,797
May		8,998	\$3.3980	\$ 30,576	8,998	\$0.8045	\$ 7,239	8,998	\$2.0194	\$ 18,171	\$ 25,410
June		10,210	\$3.3980	\$ 34,695	10,211	\$0.8045	\$ 8,214	10,211	\$2.0194	\$ 20,619	\$ 28,834
July		11,544	\$3.3980	\$ 39,227	11,545	\$0.8045	\$ 9,288	11,545	\$2.0194	\$ 23,313	\$ 32,601
August		11,051	\$3.3980	\$ 37,550	11,051	\$0.8045	\$ 8,890	11,051	\$2.0194	\$ 22,316	\$ 31,206
September		8,910	\$3.3980	\$ 30,276	8,910	\$0.8045	\$ 7,168	8,910	\$2.0194	\$ 17,993	\$ 25,162
October		7,864	\$3.3980	\$ 26,722	7,864	\$0.8045	\$ 6,327	7,864	\$2.0194	\$ 15,881	\$ 22,207
November		9,338	\$3.3980	\$ 31,731	9,338	\$0.8045	\$ 7,513	9,338	\$2.0194	\$ 18,858	\$ 26,370
December		9,795	\$3.3980	\$ 33,283	9,795	\$0.8045	\$ 7,880	9,795	\$2.0194	\$ 19,780	\$ 27,660
Total		104,391	\$ 3.40	\$ 354,719	117,905	\$ 0.80	\$ 94,855	117,905	\$ 2.02	\$ 238,098	\$ 332,953

Add Extra Host Here (I) (if needed)		Network			Line Connection			Transformation Connection			Total Connection
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January			\$0.0000			\$0.0000			\$0.0000		\$ -
February			\$0.0000			\$0.0000			\$0.0000		\$ -
March			\$0.0000			\$0.0000			\$0.0000		\$ -
April			\$0.0000			\$0.0000			\$0.0000		\$ -
May			\$0.0000			\$0.0000			\$0.0000		\$ -
June			\$0.0000			\$0.0000			\$0.0000		\$ -
July			\$0.0000			\$0.0000			\$0.0000		\$ -
August			\$0.0000			\$0.0000			\$0.0000		\$ -
September			\$0.0000			\$0.0000			\$0.0000		\$ -
October			\$0.0000			\$0.0000			\$0.0000		\$ -
November			\$0.0000			\$0.0000			\$0.0000		\$ -
December			\$0.0000			\$0.0000			\$0.0000		\$ -
Total		-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



2021 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "3. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformation Connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
(If needed)	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
Month										
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	68,817	\$3.8675	\$ 266,147	73,167	\$0.9543	\$ 69,826	73,167	\$2.3006	\$ 168,328	\$ 238,154
February	69,650	\$3.8629	\$ 269,056	72,656	\$0.9527	\$ 69,216	72,656	\$2.2975	\$ 166,923	\$ 236,139
March	62,614	\$3.8712	\$ 242,394	66,128	\$0.9552	\$ 63,168	66,128	\$2.3023	\$ 152,246	\$ 215,414
April	57,724	\$3.8631	\$ 222,991	76,166	\$0.9271	\$ 70,611	76,166	\$2.2494	\$ 171,329	\$ 241,940
May	80,078	\$3.8613	\$ 309,209	88,908	\$0.9533	\$ 84,752	88,908	\$2.2986	\$ 204,361	\$ 289,113
June	99,118	\$3.8662	\$ 383,215	111,741	\$0.9549	\$ 106,699	111,741	\$2.3016	\$ 257,184	\$ 363,883
July	102,253	\$3.8611	\$ 394,807	102,842	\$0.9514	\$ 97,846	102,842	\$2.2951	\$ 236,035	\$ 333,881
August	96,922	\$3.8605	\$ 374,164	96,990	\$0.9511	\$ 92,251	96,990	\$2.2946	\$ 222,554	\$ 314,805
September	84,398	\$3.8649	\$ 326,189	85,388	\$0.9527	\$ 81,352	85,388	\$2.2976	\$ 196,187	\$ 277,539
October	77,842	\$3.8673	\$ 301,036	84,604	\$0.9546	\$ 80,764	84,604	\$2.3011	\$ 194,685	\$ 275,449
November	68,213	\$3.8485	\$ 262,521	70,875	\$0.9482	\$ 67,204	70,875	\$2.2891	\$ 162,239	\$ 229,442
December	92,438	\$3.8647	\$ 357,244	99,512	\$0.9537	\$ 94,906	99,512	\$2.2994	\$ 228,820	\$ 323,726
Total	960,068	\$ 3.86	\$ 3,708,973	1,028,975	\$ 0.95	\$ 978,593	1,028,975	\$ 2.29	\$ 2,360,891	\$ 3,339,484



2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	61,893	\$ 3.9200	\$ 242,621	66,243	\$ 0.9700	\$ 64,256	66,243	\$ 2.3300	\$ 154,346	\$ 218,602
February	62,038	\$ 3.9200	\$ 243,189	65,043	\$ 0.9700	\$ 63,092	65,043	\$ 2.3300	\$ 151,550	\$ 214,642
March	56,766	\$ 3.9200	\$ 222,523	60,229	\$ 0.9700	\$ 58,422	60,229	\$ 2.3300	\$ 140,334	\$ 198,756
April	51,428	\$ 3.9200	\$ 201,598	56,407	\$ 0.9700	\$ 54,715	56,407	\$ 2.3300	\$ 131,428	\$ 186,143
May	71,080	\$ 3.9200	\$ 278,634	79,910	\$ 0.9700	\$ 77,513	79,910	\$ 2.3300	\$ 186,190	\$ 263,703
June	88,908	\$ 3.9200	\$ 348,519	101,530	\$ 0.9700	\$ 98,484	101,530	\$ 2.3300	\$ 236,565	\$ 335,049
July	90,709	\$ 3.9200	\$ 355,579	91,297	\$ 0.9700	\$ 88,558	91,297	\$ 2.3300	\$ 212,722	\$ 301,280
August	85,871	\$ 3.9200	\$ 336,614	85,939	\$ 0.9700	\$ 83,361	85,939	\$ 2.3300	\$ 200,238	\$ 283,599
September	75,488	\$ 3.9200	\$ 295,913	76,478	\$ 0.9700	\$ 74,184	76,478	\$ 2.3300	\$ 178,194	\$ 252,377
October	69,978	\$ 3.9200	\$ 274,314	76,740	\$ 0.9700	\$ 74,438	76,740	\$ 2.3300	\$ 178,804	\$ 253,242
November	58,875	\$ 3.9200	\$ 230,790	61,537	\$ 0.9700	\$ 59,691	61,537	\$ 2.3300	\$ 143,381	\$ 203,072
December	82,643	\$ 3.9200	\$ 323,961	89,717	\$ 0.9700	\$ 87,025	89,717	\$ 2.3300	\$ 209,041	\$ 296,066
Total	855,677	\$ 3.92	\$ 3,354,254	911,070	\$ 0.97	\$ 883,738	911,070	\$ 2.33	\$ 2,122,793	\$ 3,006,531

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,924	\$ 3.3980	\$ 23,527	6,924	\$ 0.8045	\$ 5,570	6,924	\$ 2.0194	\$ 13,982	\$ 19,552
February	7,612	\$ 3.3980	\$ 25,867	7,613	\$ 0.8045	\$ 6,124	7,613	\$ 2.0194	\$ 15,373	\$ 21,497
March	5,848	\$ 3.3980	\$ 19,871	5,899	\$ 0.8045	\$ 4,746	5,899	\$ 2.0194	\$ 11,912	\$ 16,658
April	6,296	\$ 3.3980	\$ 21,394	19,759	\$ 0.8045	\$ 15,896	19,759	\$ 2.0194	\$ 39,901	\$ 55,797
May	8,998	\$ 3.3980	\$ 30,576	8,998	\$ 0.8045	\$ 7,239	8,998	\$ 2.0194	\$ 18,171	\$ 25,410
June	10,210	\$ 3.3980	\$ 34,695	10,211	\$ 0.8045	\$ 8,214	10,211	\$ 2.0194	\$ 20,619	\$ 28,834
July	11,544	\$ 3.3980	\$ 39,227	11,545	\$ 0.8045	\$ 9,288	11,545	\$ 2.0194	\$ 23,313	\$ 32,601
August	11,051	\$ 3.3980	\$ 37,550	11,051	\$ 0.8045	\$ 8,890	11,051	\$ 2.0194	\$ 22,316	\$ 31,206
September	8,910	\$ 3.3980	\$ 30,276	8,910	\$ 0.8045	\$ 7,168	8,910	\$ 2.0194	\$ 17,993	\$ 25,162
October	7,864	\$ 3.3980	\$ 26,722	7,864	\$ 0.8045	\$ 6,327	7,864	\$ 2.0194	\$ 15,881	\$ 22,207
November	9,338	\$ 3.3980	\$ 31,731	9,338	\$ 0.8045	\$ 7,513	9,338	\$ 2.0194	\$ 18,858	\$ 26,370
December	9,795	\$ 3.3980	\$ 33,283	9,795	\$ 0.8045	\$ 7,880	9,795	\$ 2.0194	\$ 19,780	\$ 27,660
Total	104,391	\$ 3.40	\$ 354,719	117,905	\$ 0.80	\$ 94,855	117,905	\$ 2.02	\$ 238,098	\$ 332,953

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total	Network			Line Connection			Transformation Connection			Total Connection
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2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	68,817	\$3.87	\$ 266,147	73,167	\$0.95	\$ 69,826	73,167	\$2.30	\$ 168,328	\$ 238,154
February	69,650	\$3.86	\$ 269,056	72,656	\$0.95	\$ 69,216	72,656	\$2.30	\$ 166,923	\$ 236,139
March	62,614	\$3.87	\$ 242,394	66,128	\$0.96	\$ 63,168	66,128	\$2.30	\$ 152,246	\$ 215,414
April	57,724	\$3.86	\$ 222,992	76,166	\$0.93	\$ 70,611	76,166	\$2.25	\$ 171,329	\$ 241,940
May	80,078	\$3.86	\$ 309,209	88,908	\$0.95	\$ 84,752	88,908	\$2.30	\$ 204,361	\$ 289,113
June	99,118	\$3.87	\$ 383,215	111,741	\$0.95	\$ 106,699	111,741	\$2.30	\$ 257,184	\$ 363,883
July	102,253	\$3.86	\$ 394,807	102,842	\$0.95	\$ 97,846	102,842	\$2.30	\$ 236,035	\$ 333,881
August	96,922	\$3.86	\$ 374,164	96,990	\$0.95	\$ 92,251	96,990	\$2.29	\$ 222,553	\$ 314,805
September	84,398	\$3.86	\$ 326,189	85,388	\$0.95	\$ 81,352	85,388	\$2.30	\$ 196,187	\$ 277,539
October	77,842	\$3.87	\$ 301,036	84,604	\$0.95	\$ 80,764	84,604	\$2.30	\$ 194,685	\$ 275,449
November	68,213	\$3.85	\$ 262,521	70,875	\$0.95	\$ 67,204	70,875	\$2.29	\$ 162,239	\$ 229,442
December	92,438	\$3.86	\$ 357,244	99,512	\$0.95	\$ 94,905	99,512	\$2.30	\$ 228,820	\$ 323,726
Total	960,068	\$ 3.86	\$ 3,708,973	1,028,975	\$ 0.95	\$ 978,593	1,028,975	\$ 2.29	\$ 2,360,891	\$ 3,339,484



2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	61,893	\$ 4.6700	\$ 289,040	66,243	\$ 0.7700	\$ 51,007	66,243	\$ 2.5300	\$ 167,595	\$ 218,602
February	62,038	\$ 4.6700	\$ 289,717	65,043	\$ 0.7700	\$ 50,083	65,043	\$ 2.5300	\$ 164,559	\$ 214,642
March	56,766	\$ 4.6700	\$ 265,097	60,229	\$ 0.7700	\$ 46,376	60,229	\$ 2.5300	\$ 152,379	\$ 198,756
April	51,428	\$ 4.6700	\$ 240,169	56,407	\$ 0.7700	\$ 43,433	56,407	\$ 2.5300	\$ 142,710	\$ 186,143
May	71,080	\$ 4.6700	\$ 331,944	79,910	\$ 0.7700	\$ 61,531	79,910	\$ 2.5300	\$ 202,172	\$ 263,703
June	88,908	\$ 4.6700	\$ 415,200	101,530	\$ 0.7700	\$ 78,178	101,530	\$ 2.5300	\$ 256,871	\$ 335,049
July	90,709	\$ 4.6700	\$ 423,611	91,297	\$ 0.7700	\$ 70,299	91,297	\$ 2.5300	\$ 230,981	\$ 301,280
August	85,871	\$ 4.6700	\$ 401,018	85,939	\$ 0.7700	\$ 66,173	85,939	\$ 2.5300	\$ 217,426	\$ 283,599
September	75,488	\$ 4.6700	\$ 352,529	76,478	\$ 0.7700	\$ 58,888	76,478	\$ 2.5300	\$ 193,489	\$ 252,377
October	69,978	\$ 4.6700	\$ 326,797	76,740	\$ 0.7700	\$ 59,090	76,740	\$ 2.5300	\$ 194,152	\$ 253,242
November	58,875	\$ 4.6700	\$ 274,946	61,537	\$ 0.7700	\$ 47,383	61,537	\$ 2.5300	\$ 155,689	\$ 203,072
December	82,643	\$ 4.6700	\$ 385,943	89,717	\$ 0.7700	\$ 69,082	89,717	\$ 2.5300	\$ 226,984	\$ 296,066
Total	855,677	\$ 4.67	\$ 3,996,012	911,070	\$ 0.77	\$ 701,524	911,070	\$ 2.53	\$ 2,305,007	\$ 3,006,531

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	6,924	\$ 3.4778	\$ 24,079	6,924	\$ 0.8128	\$ 5,628	6,924	\$ 2.0458	\$ 14,165	\$ 19,793
February	7,612	\$ 3.4778	\$ 26,474	7,613	\$ 0.8128	\$ 6,187	7,613	\$ 2.0458	\$ 15,574	\$ 21,761
March	5,848	\$ 3.4778	\$ 20,338	5,899	\$ 0.8128	\$ 4,795	5,899	\$ 2.0458	\$ 12,068	\$ 16,863
April	6,296	\$ 3.4778	\$ 21,896	19,759	\$ 0.8128	\$ 16,060	19,759	\$ 2.0458	\$ 40,422	\$ 56,482
May	8,998	\$ 3.4778	\$ 31,294	8,998	\$ 0.8128	\$ 7,314	8,998	\$ 2.0458	\$ 18,409	\$ 25,722
June	10,210	\$ 3.4778	\$ 35,510	10,211	\$ 0.8128	\$ 8,299	10,211	\$ 2.0458	\$ 20,889	\$ 29,188
July	11,544	\$ 3.4778	\$ 40,149	11,545	\$ 0.8128	\$ 9,383	11,545	\$ 2.0458	\$ 23,618	\$ 33,001
August	11,051	\$ 3.4778	\$ 38,432	11,051	\$ 0.8128	\$ 8,982	11,051	\$ 2.0458	\$ 22,607	\$ 31,589
September	8,910	\$ 3.4778	\$ 30,987	8,910	\$ 0.8128	\$ 7,242	8,910	\$ 2.0458	\$ 18,228	\$ 25,471
October	7,864	\$ 3.4778	\$ 27,349	7,864	\$ 0.8128	\$ 6,392	7,864	\$ 2.0458	\$ 16,088	\$ 22,480
November	9,338	\$ 3.4778	\$ 32,476	9,338	\$ 0.8128	\$ 7,590	9,338	\$ 2.0458	\$ 19,104	\$ 26,694
December	9,795	\$ 3.4778	\$ 34,065	9,795	\$ 0.8128	\$ 7,961	9,795	\$ 2.0458	\$ 20,038	\$ 28,000
Total	104,391	\$ 3.48	\$ 363,050	117,905	\$ 0.81	\$ 95,834	117,905	\$ 2.05	\$ 241,211	\$ 337,044

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	68,817	\$ 4.55	313,120	73,167	\$ 0.77	56,635	73,167	\$ 2.48	181,760	\$ 238,394
February	69,650	\$ 4.54	316,192	72,656	\$ 0.77	56,271	72,656	\$ 2.48	180,133	\$ 236,403
March	62,614	\$ 4.56	285,435	66,128	\$ 0.77	51,171	66,128	\$ 2.49	164,447	\$ 215,618
April	57,724	\$ 4.54	262,065	76,166	\$ 0.78	59,493	76,166	\$ 2.40	183,132	\$ 242,625
May	80,078	\$ 4.54	363,238	88,908	\$ 0.77	68,844	88,908	\$ 2.48	220,581	\$ 289,425
June	99,118	\$ 4.55	450,710	111,741	\$ 0.77	86,477	111,741	\$ 2.49	277,760	\$ 364,237
July	102,253	\$ 4.54	463,760	102,842	\$ 0.77	79,682	102,842	\$ 2.48	254,599	\$ 334,281
August	96,922	\$ 4.53	439,449	96,990	\$ 0.77	75,155	96,990	\$ 2.47	240,033	\$ 315,188
September	84,398	\$ 4.54	383,516	85,388	\$ 0.77	66,130	85,388	\$ 2.48	211,718	\$ 277,848
October	77,842	\$ 4.55	354,147	84,604	\$ 0.77	65,482	84,604	\$ 2.48	210,240	\$ 275,722
November	68,213	\$ 4.51	307,422	70,875	\$ 0.78	54,974	70,875	\$ 2.47	174,793	\$ 229,766
December	92,438	\$ 4.54	420,007	99,512	\$ 0.77	77,043	99,512	\$ 2.48	247,022	\$ 324,066
Total	960,068	\$ 4.54	\$ 4,359,061	1,028,975	\$ 0.77	\$ 797,357	1,028,975	\$ 2.47	\$ 2,546,218	\$ 3,343,575

2021 RTSR Workform for Electricity Distributors

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	224,694,186	0	1,617,798	44.3%	1,644,222	0.0073
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	71,834,676	0	445,375	12.2%	452,649	0.0063
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6314	196,192,700	580,251	1,526,872	41.8%	1,551,811	2.6744
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6314	5,495,549	13,532	35,609	1.0%	36,191	2.6744
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	1,727,374	0	11,055	0.3%	11,236	0.0065
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.2425	638,162	1,951	4,376	0.1%	4,447	2.2791
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.9477	1,463,719	4,252	8,281	0.2%	8,416	1.9795

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	224,694,186	0	1,460,512	44.8%	1,494,643	0.0067
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	71,834,676	0	402,274	12.3%	411,675	0.0057
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3230	196,192,700	580,251	1,347,923	41.3%	1,379,422	2.3773
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3230	5,495,549	13,532	31,436	1.0%	32,170	2.3773
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	1,727,374	0	9,846	0.3%	10,076	0.0058
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8958	638,162	1,951	3,699	0.1%	3,786	1.9401
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7724	1,463,719	4,252	7,536	0.2%	7,712	1.8138

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	224,694,186	0	1,644,222	44.3%	1,932,412	0.0086
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063	71,834,676	0	452,649	12.2%	531,987	0.0074
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6744	196,192,700	580,251	1,551,811	41.8%	1,823,804	3.1431
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.6744	5,495,549	13,532	36,191	1.0%	42,534	3.1431
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	1,727,374	0	11,236	0.3%	13,205	0.0076
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.2791	638,162	1,951	4,447	0.1%	5,227	2.6786
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.9795	1,463,719	4,252	8,416	0.2%	9,892	2.3265

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

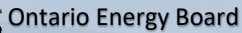
Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	224,694,186	0	1,494,643	44.8%	1,496,474	0.0067
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	71,834,676	0	411,675	12.3%	412,179	0.0057
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3773	196,192,700	580,251	1,379,422	41.3%	1,381,112	2.3802
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3773	5,495,549	13,532	32,170	1.0%	32,210	2.3802
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	1,727,374	0	10,076	0.3%	10,088	0.0058
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9401	638,162	1,951	3,786	0.1%	3,790	1.9425
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8138	1,463,719	4,252	7,712	0.2%	7,721	1.8160



CANADIAN NIAGARA POWER INC.

A **FORTIS** ONTARIO
Company

APPENDIX 8-E: BILL IMPACT MODEL



Tariff Schedule and Bill Impacts Model (2022 Cost of Service Filers)

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

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1".

Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

[illegible]

Table 2

[illegible]

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0530		
Proposed/Approved Loss Factor	1.0544		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.40	1	\$ 37.40	\$ 42.42	1	\$ 42.42	\$ 5.02	13.42%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0007	750	\$ 0.53	\$ -	750	\$ -	\$ (0.53)	-100.00%
Sub-Total A (excluding pass through)			\$ 37.93			\$ 42.42	\$ 4.50	11.85%
Line Losses on Cost of Power	\$ 0.1031	40	\$ 4.10	\$ 0.1031	41	\$ 4.21	\$ 0.11	2.64%
Total Deferral/Variance Account Rate Riders	\$ (0.0007)	750	\$ (0.53)	\$ (0.0005)	750	\$ (0.38)	\$ 0.15	-28.57%
CBR Class B Rate Riders	\$ (0.0004)	750	\$ (0.30)	\$ -	750	\$ -	\$ 0.30	-100.00%
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)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ 0.51	1	\$ 0.51	\$ (2.78)	1	\$ (2.78)	\$ (3.29)	-645.10%
Additional Volumetric Rate Riders		750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 42.50			\$ 44.27	\$ 1.76	4.15%
RTSR - Network	\$ 0.0072	790	\$ 5.69	\$ 0.0086	791	\$ 6.80	\$ 1.11	19.60%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	790	\$ 5.13	\$ 0.0067	791	\$ 5.30	\$ 0.16	3.21%
Sub-Total C - Delivery (including Sub-Total B)			\$ 53.32			\$ 56.37	\$ 3.04	5.71%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	790	\$ 2.69	\$ 0.0034	791	\$ 2.69	\$ 0.00	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	790	\$ 0.39	\$ 0.0005	791	\$ 0.40	\$ 0.00	0.13%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	488	\$ 39.98	\$ 0.0820	488	\$ 39.98	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	128	\$ 14.41	\$ 0.1130	128	\$ 14.41	\$ -	0.00%
TOU - On Peak	\$ 0.1700	135	\$ 22.95	\$ 0.1700	135	\$ 22.95	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 133.99			\$ 137.03	\$ 3.05	2.27%
HST	13%		\$ 17.42	13%		\$ 17.81	\$ 0.40	2.27%
Ontario Electricity Rebate	21.2%		\$ (28.40)	21.2%		\$ (29.05)	\$ (0.65)	-
Total Bill on TOU			\$ 123.00			\$ 125.80	\$ 2.80	2.27%

In the manager's summary, discuss the reaso

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0530		
Proposed/Approved Loss Factor	1.0544		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 31.58	1	\$ 31.58	\$ 35.71	1	\$ 35.71	\$ 4.13	13.08%
Distribution Volumetric Rate	\$ 0.0257	2000	\$ 51.40	\$ 0.0291	2000	\$ 58.20	\$ 6.80	13.23%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0040	2000	\$ 8.00	\$ 0.0012	2000	\$ 2.40	\$ (5.60)	-70.00%
Sub-Total A (excluding pass through)			\$ 90.98			\$ 96.31	\$ 5.33	5.86%
Line Losses on Cost of Power	\$ 0.1031	106	\$ 10.93	\$ 0.1031	109	\$ 11.22	\$ 0.29	2.64%
Total Deferral/Variance Account Rate Riders	\$ (0.0007)	2,000	\$ (1.40)	\$ (0.0046)	2,000	\$ (9.20)	\$ (7.80)	557.14%
CBR Class B Rate Riders	\$ (0.0004)	2,000	\$ (0.80)	\$ -	2,000	\$ -	\$ 0.80	-100.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0002	2,000	\$ 0.40	\$ 0.0003	2,000	\$ 0.60	\$ 0.20	50.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ 1.08	1	\$ 1.08	\$ -	1	\$ -	\$ (1.08)	-100.00%
Additional Volumetric Rate Riders		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 101.76			\$ 99.50	\$ (2.26)	-2.22%
RTSR - Network	\$ 0.0062	2,106	\$ 13.06	\$ 0.0074	2,109	\$ 15.61	\$ 2.55	19.51%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0056	2,106	\$ 11.79	\$ 0.0057	2,109	\$ 12.02	\$ 0.23	1.92%
Sub-Total C - Delivery (including Sub-Total B)			\$ 126.61			\$ 127.12	\$ 0.51	0.41%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,106	\$ 7.16	\$ 0.0034	2,109	\$ 7.17	\$ 0.01	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,106	\$ 1.05	\$ 0.0005	2,109	\$ 1.05	\$ 0.00	0.13%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,300	\$ 106.60	\$ 0.0820	1,300	\$ 106.60	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	340	\$ 38.42	\$ 0.1130	340	\$ 38.42	\$ -	0.00%
TOU - On Peak	\$ 0.1700	360	\$ 61.20	\$ 0.1700	360	\$ 61.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 341.29			\$ 341.82	\$ 0.52	0.15%
HST	13%		\$ 44.37	13%		\$ 44.44	\$ 0.07	0.15%
Ontario Electricity Rebate	21.2%		\$ (72.35)	21.2%		\$ (72.47)	\$ (0.11)	
Total Bill on TOU			\$ 313.31			\$ 313.79	\$ 0.48	0.15%

In the manager's summary, discuss the reaso

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	20,000	kWh	
Demand	60	kW	
Current Loss Factor	1.0530		
Proposed/Approved Loss Factor	1.0544		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 169.70	1	\$ 169.70	\$ 169.70	1	\$ 169.70	\$ -	0.00%
Distribution Volumetric Rate	\$ 7.4535	60	\$ 447.21	\$ 8.4793	60	\$ 508.76	\$ 61.55	13.76%
Fixed Rate Riders	\$ 11.41	1	\$ 11.41	\$ -	1	\$ -	\$ (11.41)	-100.00%
Volumetric Rate Riders	\$ (0.3827)	60	\$ (22.96)	\$ (0.0959)	60	\$ (5.75)	\$ 17.21	-74.94%
Sub-Total A (excluding pass through)			\$ 605.36			\$ 672.70	\$ 67.35	11.12%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ (0.2140)	60	\$ (12.84)	\$ (1.5127)	60	\$ (90.76)	\$ (77.92)	606.87%
CBR Class B Rate Riders	\$ (0.1336)	60	\$ (8.02)	\$ -	60	\$ -	\$ 8.02	-100.00%
GA Rate Riders	\$ 0.0005	20,000	\$ 10.00	\$ 0.0016	20,000	\$ 32.00	\$ 22.00	220.00%
Low Voltage Service Charge	\$ 0.1011	60	\$ 6.07	\$ 0.1160	60	\$ 6.96	\$ 0.89	14.74%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ 25.39	1	\$ 25.39	\$ -	1	\$ -	\$ (25.39)	-100.00%
Additional Volumetric Rate Riders		60	\$ -	\$ -	60	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 625.96			\$ 620.90	\$ (5.06)	-0.81%
RTSR - Network	\$ 2.6314	60	\$ 157.88	\$ 3.1431	60	\$ 188.59	\$ 30.70	19.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.3230	60	\$ 139.38	\$ 2.3802	60	\$ 142.81	\$ 3.43	2.46%
Sub-Total C - Delivery (including Sub-Total B)			\$ 923.22			\$ 952.30	\$ 29.08	3.15%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	21,060	\$ 71.60	\$ 0.0034	21,088	\$ 71.70	\$ 0.10	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	21,060	\$ 10.53	\$ 0.0005	21,088	\$ 10.54	\$ 0.01	0.13%
Standard Supply Service Charge	\$ 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	21,088	\$ 2,321.79	\$ 3.08	0.13%
Total Bill on Average IESO Wholesale Market Price			\$ 3,324.31			\$ 3,356.58	\$ 32.27	0.97%
HST	13%		\$ 432.16	13%		\$ 436.36	\$ 4.20	0.97%
Ontario Electricity Rebate	21.2%		\$ (704.75)	21.2%		\$ (711.60)	\$ (6.85)	-0.97%
Total Bill on Average IESO Wholesale Market Price			\$ 3,051.72			\$ 3,081.34	\$ 29.62	0.97%

In the manager's summary, discuss the reasons for the changes in the bill.

Customer Class:	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	432,129	kWh
Demand	1,155	kW
Current Loss Factor	1.0530	
Proposed/Approved Loss Factor	1.0544	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 610.63	1	\$ 610.63	\$ 610.63	1	\$ 610.63	\$ -	0.00%
Distribution Volumetric Rate	\$ 8.5743	1155.2587	\$ 9,905.53	\$ 9.7651	1155.258681	\$ 11,281.22	\$ 1,375.68	13.89%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1155.2587	\$ -	\$ -	1155.258681	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 10,516.16			\$ 11,891.85	\$ 1,375.68	13.08%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ (0.2552)	1,155	\$ (294.82)	\$ (1.3689)	1,155	\$ (1,581.43)	\$ (1,286.61)	436.40%
CBR Class B Rate Riders	\$ (0.1568)	1,155	\$ (181.14)	\$ -	1,155	\$ -	\$ 181.14	-100.00%
GA Rate Riders	\$ 0.0005	432,129	\$ 216.06	\$ 0.0016	432,129	\$ 691.41	\$ 475.34	220.00%
Low Voltage Service Charge	\$ 0.1011	1,155	\$ 116.80	\$ 0.1160	1,155	\$ 134.01	\$ 17.21	14.74%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ 134.53	1	\$ 134.53	\$ -	1	\$ -	\$ (134.53)	-100.00%
Additional Volumetric Rate Riders		1,155	\$ -	\$ -	1,155	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 10,507.59			\$ 11,135.83	\$ 628.24	5.98%
RTSR - Network	\$ 2.6314	1,155	\$ 3,039.95	\$ 3.1431	1,155	\$ 3,631.09	\$ 591.15	19.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.3230	1,155	\$ 2,683.67	\$ 2.3802	1,155	\$ 2,749.75	\$ 66.08	2.46%
Sub-Total C - Delivery (including Sub-Total B)			\$ 16,231.20			\$ 17,516.67	\$ 1,285.47	7.92%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	455,032	\$ 1,547.11	\$ 0.0034	455,637	\$ 1,549.17	\$ 2.06	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	455,032	\$ 227.52	\$ 0.0005	455,637	\$ 227.82	\$ 0.30	0.13%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	455,032	\$ 50,099.06	\$ 0.1101	455,637	\$ 50,165.67	\$ 66.61	0.13%
Total Bill on Average IESO Wholesale Market Price			\$ 68,105.14			\$ 69,459.57	\$ 1,354.44	1.99%
HST	13%		\$ 8,853.67	13%		\$ 9,029.74	\$ 176.08	1.99%
Ontario Electricity Rebate	21.2%		\$ -	21.2%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 76,958.81			\$ 78,489.32	\$ 1,530.51	1.99%

In the manager's summary, discuss the reasons for the changes in the bill.

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,500	kWh	
Demand	-	kW	
Current Loss Factor	1.0530		
Proposed/Approved Loss Factor	1.0544		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 49.79	1	\$ 49.79	\$ 49.79	1	\$ 49.79	\$ -	0.00%
Distribution Volumetric Rate	\$ 0.0271	2500	\$ 67.75	\$ 0.0335	2500	\$ 83.75	\$ 16.00	23.62%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2500	\$ -	\$ -	2500	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 117.54			\$ 133.54	\$ 16.00	13.61%
Line Losses on Cost of Power	\$ 0.1031	133	\$ 13.66	\$ 0.1031	136	\$ 14.02	\$ 0.36	2.64%
Total Deferral/Variance Account Rate Riders	\$ (0.0006)	2,500	\$ (1.50)	\$ (0.0009)	2,500	\$ (2.25)	\$ (0.75)	50.00%
CBR Class B Rate Riders	\$ (0.0004)	2,500	\$ (1.00)	\$ -	2,500	\$ -	\$ 1.00	-100.00%
GA Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0002	2,500	\$ 0.50	\$ 0.0003	2,500	\$ 0.75	\$ 0.25	50.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ 1.50	1	\$ 1.50	\$ -	1	\$ -	\$ (1.50)	-100.00%
Additional Volumetric Rate Riders		2,500	\$ -	\$ -	2,500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 130.70			\$ 146.06	\$ 15.36	11.75%
RTSR - Network	\$ 0.0064	2,633	\$ 16.85	\$ 0.0076	2,636	\$ 20.03	\$ 3.19	18.91%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	2,633	\$ 15.01	\$ 0.0058	2,636	\$ 15.29	\$ 0.28	1.89%
Sub-Total C - Delivery (including Sub-Total B)			\$ 162.56			\$ 181.39	\$ 18.83	11.58%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	2,633	\$ 8.95	\$ 0.0034	2,636	\$ 8.96	\$ 0.01	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,633	\$ 1.32	\$ 0.0005	2,636	\$ 1.32	\$ 0.00	0.13%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	1,625	\$ 133.25	\$ 0.0820	1,625	\$ 133.25	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	425	\$ 48.03	\$ 0.1130	425	\$ 48.03	\$ -	0.00%
TOU - On Peak	\$ 0.1700	450	\$ 76.50	\$ 0.1700	450	\$ 76.50	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 430.85			\$ 449.69	\$ 18.84	4.37%
HST	13%		\$ 56.01	13%		\$ 58.46	\$ 2.45	4.37%
Ontario Electricity Rebate	21.2%		\$ (91.34)	21.2%		\$ (95.33)	\$ (3.99)	
Total Bill on TOU			\$ 395.52			\$ 412.82	\$ 17.30	4.37%

In the manager's summary, discuss the reaso

Customer Class:	STANDBY POWER SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	-	kWh
Demand	4,500	kW
Current Loss Factor	1.0530	
Proposed/Approved Loss Factor	1.0544	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.2283	4500	\$ 5,527.35	\$ 1.2283	4500	\$ 5,527.35	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	4500	\$ -	\$ -	4500	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 5,527.35			\$ 5,527.35	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	4,500	\$ -	\$ -	4,500	\$ -	\$ -	
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)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		4,500	\$ -	\$ -	4,500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 5,527.35			\$ 5,527.35	\$ -	0.00%
RTSR - Network	\$ -	4,500	\$ -	\$ -	4,500	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	4,500	\$ -	\$ -	4,500	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ 5,527.35			\$ 5,527.35	\$ -	0.00%
Wholesale Market Service Charge (WMSC)	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	-	\$ -	\$ -	-	\$ -	\$ -	
Standard Supply Service Charge	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25	
Average IESO Wholesale Market Price	\$ 0.1101	-	\$ -	\$ 0.1101	-	\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 5,527.35			\$ 5,527.60	\$ 0.25	0.00%
HST	13%		\$ 718.56	13%		\$ 718.59	\$ 0.03	0.00%
Ontario Electricity Rebate	21.2%		\$ -	21.2%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 6,245.91			\$ 6,246.19	\$ 0.28	0.00%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	1,400	kWh	
Demand	5	kW	
Current Loss Factor	1.0530		
Proposed/Approved Loss Factor	1.0544		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.70	18	\$ 102.60	\$ 6.45	18	\$ 116.10	\$ 13.50	13.16%
Distribution Volumetric Rate	\$ 6.5951	5	\$ 32.98	\$ 7.4381	5	\$ 37.19	\$ 4.22	12.78%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	5	\$ -	\$ -	5	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 135.58			\$ 153.29	\$ 17.72	13.07%
Line Losses on Cost of Power	\$ 0.1031	74	\$ 7.65	\$ 0.1031	76	\$ 7.85	\$ 0.20	2.64%
Total Deferral/Variance Account Rate Riders	\$ (0.1973)	5	\$ (0.99)	\$ (0.9023)	5	\$ (4.51)	\$ (3.53)	357.32%
CBR Class B Rate Riders	\$ (0.1212)	5	\$ (0.61)	\$ -	5	\$ -	\$ 0.61	-100.00%
GA Rate Riders	\$ -	1,400	\$ -	\$ -	1,400	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0825	5	\$ 0.41	\$ 0.0947	5	\$ 0.47	\$ 0.06	14.79%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ 0.10	1	\$ 0.10	\$ -	1	\$ -	\$ (0.10)	-100.00%
Additional Volumetric Rate Riders		5	\$ -	\$ -	5	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 142.15			\$ 157.11	\$ 14.96	10.52%
RTSR - Network	\$ 2.2425	5	\$ 11.21	\$ 2.6786	5	\$ 13.39	\$ 2.18	19.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8958	5	\$ 9.48	\$ 1.9425	5	\$ 9.71	\$ 0.23	2.46%
Sub-Total C - Delivery (including Sub-Total B)			\$ 162.84			\$ 180.21	\$ 17.37	10.67%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	1,474	\$ 5.01	\$ 0.0034	1,476	\$ 5.02	\$ 0.01	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	1,474	\$ 0.74	\$ 0.0005	1,476	\$ 0.74	\$ 0.00	0.13%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0820	910	\$ 74.62	\$ 0.0820	910	\$ 74.62	\$ -	0.00%
TOU - Mid Peak	\$ 0.1130	238	\$ 26.89	\$ 0.1130	238	\$ 26.89	\$ -	0.00%
TOU - On Peak	\$ 0.1700	252	\$ 42.84	\$ 0.1700	252	\$ 42.84	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 313.19			\$ 330.57	\$ 17.38	5.55%
HST	13%		\$ 40.71	13%		\$ 42.97	\$ 2.26	5.55%
Ontario Electricity Rebate	21.2%		\$ (66.40)	21.2%		\$ (70.08)	\$ (3.68)	
Total Bill on TOU			\$ 287.51			\$ 303.46	\$ 15.96	5.55%

In the manager's summary, discuss the reaso

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	1.0544	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.09	124	\$ 507.16	\$ 4.12	124	\$ 510.88	\$ 3.72	0.73%
Distribution Volumetric Rate	\$ 8.8982	15	\$ 133.47	\$ 9.0446	15	\$ 135.67	\$ 2.20	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 6.2707	15	\$ 94.06	\$ 11.3638	15	\$ 170.46	\$ 76.40	81.22%
Sub-Total A (excluding pass through)			\$ 734.69			\$ 817.01	\$ 82.31	11.20%
Line Losses on Cost of Power	\$ 0.1101	286	\$ 31.51	\$ 0.1101	294	\$ 32.34	\$ 0.83	2.64%
Total Deferral/Variance Account Rate Riders	\$ (0.2117)	15	\$ (3.18)	\$ (2.9549)	15	\$ (44.32)	\$ (41.15)	1295.80%
CBR Class B Rate Riders	\$ (0.1302)	15	\$ (1.95)	\$ -	15	\$ -	\$ 1.95	-100.00%
GA Rate Riders	\$ 0.0005	5,400	\$ 2.70	\$ 0.0016	5,400	\$ 8.64	\$ 5.94	220.00%
Low Voltage Service Charge	\$ 0.0771	15	\$ 1.16	\$ 0.0885	15	\$ 1.33	\$ 0.17	14.79%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ 0.05	1	\$ 0.05	\$ -	1	\$ -	\$ (0.05)	-100.00%
Additional Volumetric Rate Riders		15	\$ -	\$ -	15	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 764.98			\$ 814.99	\$ 50.01	6.54%
RTSR - Network	\$ 1.9477	15	\$ 29.22	\$ 2.3265	15	\$ 34.90	\$ 5.68	19.45%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7724	15	\$ 26.59	\$ 1.8160	15	\$ 27.24	\$ 0.65	2.46%
Sub-Total C - Delivery (including Sub-Total B)			\$ 820.78			\$ 877.13	\$ 56.35	6.87%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	5,686	\$ 19.33	\$ 0.0034	5,694	\$ 19.36	\$ 0.03	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	5,686	\$ 2.84	\$ 0.0005	5,694	\$ 2.85	\$ 0.00	0.13%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	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			\$ 1,437.75			\$ 1,494.13	\$ 56.38	3.92%
HST	13%		\$ 186.91	13%		\$ 194.24	\$ 7.33	3.92%
Ontario Electricity Rebate	21.2%		\$ -	21.2%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 1,624.66			\$ 1,688.36	\$ 63.71	3.92%

In the manager's summary, discuss the reaso

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0530	
Proposed/Approved Loss Factor	1.0544	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.40	1	\$ 37.40	\$ 42.42	1	\$ 42.42	\$ 5.02	13.42%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0007	750	\$ 0.53	\$ -	750	\$ -	\$ (0.53)	-100.00%
Sub-Total A (excluding pass through)			\$ 37.93			\$ 42.42	\$ 4.50	11.85%
Line Losses on Cost of Power	\$ 0.1101	40	\$ 4.38	\$ 0.1101	41	\$ 4.49	\$ 0.12	2.64%
Total Deferral/Variance Account Rate Riders	\$ (0.0007)	750	\$ (0.53)	\$ (0.0005)	750	\$ (0.38)	\$ 0.15	-28.57%
CBR Class B Rate Riders	\$ (0.0004)	750	\$ (0.30)	\$ -	750	\$ -	\$ 0.30	-100.00%
GA Rate Riders	\$ 0.0005	750	\$ 0.38	\$ 0.0016	750	\$ 1.20	\$ 0.83	220.00%
Low Voltage Service Charge	\$ 0.0003	750	\$ 0.23	\$ 0.0003	750	\$ 0.23	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ 0.51	1	\$ 0.51	\$ (2.78)	1	\$ (2.78)	\$ (3.29)	-645.10%
Additional Volumetric Rate Riders		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 43.16			\$ 45.75	\$ 2.60	6.01%
RTSR - Network	\$ 0.0072	790	\$ 5.69	\$ 0.0086	791	\$ 6.80	\$ 1.11	19.60%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	790	\$ 5.13	\$ 0.0067	791	\$ 5.30	\$ 0.16	3.21%
Sub-Total C - Delivery (including Sub-Total B)			\$ 53.98			\$ 57.85	\$ 3.88	7.18%
Wholesale Market Service Charge (WMSC)	\$ 0.0034	790	\$ 2.69	\$ 0.0034	791	\$ 2.69	\$ 0.00	0.13%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	790	\$ 0.39	\$ 0.0005	791	\$ 0.40	\$ 0.00	0.13%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 139.63			\$ 143.51	\$ 3.88	2.78%
HST 13%			\$ 18.15	13%		\$ 18.66	\$ 0.50	2.78%
Ontario Electricity Rebate 21.2%			\$ (29.60)	21.2%		\$ (30.42)		
Total Bill on Non-RPP Avg. Price			\$ 128.18			\$ 131.74	\$ 3.56	2.78%

In the manager's summary, discuss the reaso