



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

---

**DECISION AND RATE ORDER**

**EB-2017-0031**

**CANADIAN NIAGARA POWER INC.**

**Application for rates and other charges to be effective January 1, 2018**

**BEFORE: Lynne Anderson**  
Presiding Member

**Allison Duff**  
Member

---

**December 14, 2017**

# 1 INTRODUCTION AND SUMMARY

Through this Decision and Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Canadian Niagara Power Inc. (Canadian Niagara Power) on August 14, 2017, as amended during the course of the proceeding.

Canadian Niagara Power serves about 28,000 mostly residential and commercial electricity customers in the Town of Fort Erie, City of Port Colborne and Town of Gananoque. The company is seeking the OEB's approval for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario.

A distributor may choose one of three rate-setting methodologies approved by the OEB. Each of these is explained in the OEB's [Chapter 3 Filing Requirements for Incentive Rate-Setting Applications](#) (Filing Requirements).

Canadian Niagara Power's application is based on a Price Cap Incentive Rate-setting option (Price Cap IR) with a five-year term. The Price Cap IR option involves the setting of rates through a cost of service (COS or rebasing) application in the first year. Mechanistic price cap adjustments, based on inflation and the OEB's assessment of the distributor's efficiency, are then approved through IRM applications in each of the ensuing four (adjustment) years.

As a result of the OEB's findings in this Decision, there will be a monthly bill increase of \$2.43 for a residential customer consuming 750 kWh, effective January 1, 2018.

Canadian Niagara Power has also applied to change the composition of its distribution service rates. Residential distribution service rates currently include a fixed monthly charge and a variable usage charge. In 2015, the OEB issued a policy to transition these rates to a fully fixed structure.<sup>1</sup> Accordingly, the fixed monthly charge for 2018 has once again been adjusted upward in this Decision by more than the mechanistic price cap adjustment alone. The variable usage rate is commensurately lower. This policy change does not affect the total revenue that distributors collect from residential customers.

---

<sup>1</sup> OEB Policy – "A New Distribution Rate Design for Residential Electricity Customers", EB-2012-0410, April 2, 2015

## 2 THE PROCESS

The OEB follows a standardized and streamlined process for hearing IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR term, the OEB prepares a Rate Generator Model that includes information from the distributor's past proceedings and annual reporting requirements. A distributor will then review and complete the Rate Generator Model and include it with its application. During the course of the proceeding, the Rate Generator Model will also be updated or corrected, as required.

The Rate Generator Model updates base rates, retail transmission service rates and, if applicable, shared tax saving adjustments. It also calculates rate riders for the disposition of deferral and variance account balances.

Canadian Niagara Power filed its application on August 14, 2017 under section 78 of the *Ontario Energy Board Act, 1998* (OEB Act) and in accordance with the Filing Requirements. Notice of Canadian Niagara Power's application was issued on October 17, 2017. No parties responded to the Notice. OEB staff also participated in the proceeding.

The application was supported by pre-filed written evidence and a completed Rate Generator Model. During the course of the proceeding, the applicant responded to interrogatories and, where required, updated and clarified the evidence. Final submissions on the application were filed by Canadian Niagara Power and OEB staff.

## 3 ORGANIZATION OF THE DECISION

In this Decision, the OEB addresses the following issues, and provides reasons for approving or denying Canadian Niagara Power's proposals relating to each of them:

- Price Cap Adjustment
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Residential Rate Design

In the final section, the OEB addresses the steps to implement the final rates that flow from this Decision.

## 4 PRICE CAP ADJUSTMENT

Canadian Niagara Power seeks to increase its rates, effective January 1, 2018, based on a mechanistic rate adjustment using the OEB-approved *inflation minus X-factor* formula applicable to Price Cap IR applications.

The components of the Price Cap IR formula applicable to Canadian Niagara Power are set out in Table 4.1, below. Inserting these components into the formula results in a 0.75% increase to Canadian Niagara Power's rates:  $0.75\% = 1.20\% - (0.00\% + 0.45\%)$ .

**Table 4.1: Price Cap IR Adjustment Formula**

Components		Amount
Inflation Factor <sup>2</sup>		1.20%
X-Factor	Productivity <sup>3</sup>	0.00%
	Stretch (0.00% – 0.60%) <sup>4</sup>	0.45%

The inflation factor of 1.20% applies to all Price Cap IR applications for the 2018 rate year.

The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that will vary among different groupings of distributors. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors with a tangible incentive to improve efficiency or else experience declining net income.

The productivity component of the X-factor is based on industry conditions over a historical study period and applies to all Price Cap IR applications for the 2018 rate year.

The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, each within a range from 0.00% to 0.60%. The

<sup>2</sup> Report of the OEB – “Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario’s Electricity Distributors”, EB-2010-0379, December 4, 2013

<sup>3</sup> Ibid.

<sup>4</sup> The stretch factor groupings are based on the Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2016 Benchmarking Update”, prepared by Pacific Economics Group LLC., July 15, 2017

stretch factor assigned to any particular distributor is based on the distributor's total cost performance as benchmarked against other distributors in Ontario. The most efficient distributor would be assigned the lowest stretch factor of 0.00%. Conversely, a higher stretch factor would be applied to a less efficient distributor (in accordance with its cost performance relative to expected levels) to reflect the incremental productivity gains that the distributor is expected to achieve. The stretch factor assigned to Canadian Niagara Power is 0.45%.

## Findings

The OEB finds that Canadian Niagara Power's request for a 0.75% Price Cap IR adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Canadian Niagara Power's new rates shall be effective January 1, 2018.

The adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes.<sup>5</sup>

## 5 RETAIL TRANSMISSION SERVICE RATES

Distributors charge retail transmission service rates (RTSRs) to their customers to recover the amounts they pay to a transmitter, a host distributor or both for transmission services. All transmitters charge Uniform Transmission Rates (UTRs) approved by the OEB to distributors connected to the transmission system. Host distributors charge host-RTSRs to distributors embedded within the host's distribution system.

Canadian Niagara Power is partially embedded within Hydro One's distribution system and is requesting approval to adjust the RTSRs that it charges its customers to reflect the rates that it pays for transmission services included in Table 5.1 and Table 5.2.

---

<sup>5</sup> Price Cap IR and Annual IR Index adjustments do not apply to the following rates and charges: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.

**Table 5.1: Hydro One Networks Inc. UTRs<sup>6</sup>**

<b>Current Applicable UTRs (2017)</b>	<b>per kWh</b>
Network Service Rate	\$3.52
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.88
Transformation Connection Service Rate	\$2.13

**Table 5.2: Hydro One Networks Inc. Sub-Transmission Host-RTSRs<sup>7</sup>**

<b>Current Applicable Sub-Transmission Host-RTSRs (2017)</b>	<b>per kWh</b>
Network Service Rate	\$3.19
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.77
Transformation Connection Service Rate	\$1.75

## Findings

Canadian Niagara Power's proposed adjustment to its RTSRs is approved. Canadian Niagara Power's RTSRs were adjusted to reflect the current UTRs and host-RTSRs in Tables 5.1 and 5.2.

Cost differences resulting from the approval of new 2018 UTRs or host-RTSRs will be captured in Accounts 1584 and 1586 for future disposition.

<sup>6</sup> Decision and Rate Order, EB-2017-0280, November 23, 2017

<sup>7</sup> Decision and Rate Order, EB-2016-0081, December 21, 2016

## 6 GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts in order to determine whether their total balance should be disposed.<sup>8</sup> OEB policy requires that Group 1 accounts be disposed if they exceed (as a debit or credit) a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed.<sup>9</sup> If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2016 actual year-end total balance for Canadian Niagara Power's Group 1 accounts including interest projected to December 31, 2017 is a credit of \$4,460. This amount represents a total credit claim of \$0.0000 per kWh, which does not exceed the disposition threshold. Nevertheless, Canadian Niagara Power requested disposition of this credit amount over a one-year period.

In its submission, OEB staff noted that Canadian Niagara Power made adjustments in its GA Analysis Workform to Accounts 1588 and 1589, and made adjustments to Accounts 1588 and 1589 pertaining to a one-month time-lag in the Canadian Niagara Power's Independent Electricity System Operator (IESO) settlement process. OEB staff submitted that this settlement methodology was not consistent with the requirements set out by IESO which stipulate that "[s]ettlement data must be submitted to [the IESO] monthly, as soon as possible after the last trading day of the month, and no later than the fourth business day after the last trading day of the month".<sup>10</sup> In the view of OEB staff, Canadian Niagara Power had been submitting settlements data to the IESO one month later than required. In its response to OEB staff interrogatories, Canadian Niagara Power argued that the IESO Market Rules do not quantify what monthly data must be submitted.

Up until the current IRM proceeding, Canadian Niagara Power had been disposing of its balances in Accounts 1588 and 1589 on a rolling 12-month basis rather than on a calendar year (due to the time lag noted above). This rolling 12-month balance would cover the period December of the previous year to November of the most recent year.

---

<sup>8</sup> Group 1 accounts track the differences between the costs that a distributor is billed for certain IESO and host distributor services (including the cost of power) and the associated revenues that the distributor receives from its customers for these services. The total net difference between these costs and revenues is disposed to customers through a temporary charge or credit known as a rate rider.

<sup>9</sup> Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)." EB-2008-0046, July 31, 2009

<sup>10</sup> IESO Market Manual 5.5: Physical Markets Settlement Statements, MM5.5: section 1.6.7.7 Regulated Price Plan

Canadian Niagara Power made an adjustment to its deferral and variance account continuity schedule to capture the 2016 settlement related amounts that were actually recorded in 2017. The impact of this is that the proposed disposition balance for 2016 includes 13-months of activity for both Accounts 1588 and 1589, covering the period from December 2015 to December 2016. OEB staff submitted that it had no issue with Canadian Niagara Power's request to dispose of its December 31, 2016 Group 1 account balances, including the adjustment made to the deferral and variance account continuity schedule for Accounts 1588 and 1589, as noted above. However, OEB staff submitted that Canadian Niagara Power should align its IESO settlement processes with the IESO requirements such that its future monthly RPP settlements with the IESO are based on the most recent calendar month's activity.

Included in the balance of the Group 1 accounts is the Global Adjustment (GA) credit account balance of \$1,829,763. A customer's costs for the commodity portion of its electricity service reflects the sum of two charges: the price of electricity established by the operation of the IESO administered wholesale market, and the GA.<sup>11</sup>

The GA is paid by consumers in several different ways:

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates, therefore there is no variance account for the GA.
- Customers who participate in the Ontario Industrial Conservation Initiative program are referred to as "Class A" customers. These customers are assessed GA costs through a peak demand factor that is based on the percentage their demand contributes to the top five Ontario system peaks. This factor determines a Class A customer's allocation for a year-long billing period that starts in July every year. As distributors settle with Class A customers based on the actual GA costs there is no resulting variance.
- "Class B" non-RPP customers pay the GA charge based on the amount of electricity they consume in a month (kWh). Class B non-RPP customers are billed GA based on an IESO published GA price. For Class B non-RPP customers, distributors track any difference between the billed amounts and actual costs in the GA Variance Account for disposal, once audited.

---

<sup>11</sup> The GA is established monthly, by the IESO, and varies in accordance with market conditions. It is the difference between the market price and the sum of the rates paid to regulated and contracted generators and conservation and demand management (demand response) program costs.

Under the general principle of cost causality, customer groups that cause variances should be responsible for paying (or receiving credits) for their disposal. The movement from one class to another should not prevent identifiable customers from paying down/receiving a debit/credit balance.

Canadian Niagara Power proposes the refund of its GA variance account credit balance of \$1,829,763 as at December 31, 2016, including interest to December 31, 2017, in accordance with Table 6.1.

**Table 6.1: Proposed Recovery of GA Variance**

Proposed Amounts	Proposed Method for Recovery
\$1,787,516 returned to customers who were Class B for the entire period from January 2016 to December 2016	per kWh rate rider
\$42,247 returned to customers formely in Class B during the period January 2016 to June 2016 who were reclassified to Class A	12 equal installments <sup>12</sup>

The balance of the Group 1 accounts includes a debit of \$72,368 for the refund of Capacity Based Recovery (CBR) charges for Class B customers related to the IESO's wholesale energy market Demand Response 3 program. Distributors paid CBR charges to the IESO in 2016 and recorded these to a dedicated sub-account. The disposition of this sub-account is impacted by whether or not a distributor had any customers who were part of Class A during the period from January 2016 to December 2016.

Canadian Niagara Power had Class A customers during the period from January 2016 to December 2016 so it applied to have the balance of this account disposed through a separate kWh rate rider for Class B customers in order to ensure proper allocation between Class A and Class B customers.

As one customer was reclassified between Class A and Class B during the period from July 2016 to December 2016, Canadian Niagara Power requested recovery of a portion of CBR Class B costs by way of 12 equal installments.<sup>13</sup>

The remaining Group 1 accounts being sought for disposition, through the general Deferral and Variance Account rate rider, include the following flow through variance accounts: Low Voltage Charges, Smart Meter Entity Charges, Wholesale Market

<sup>12</sup> 2018 IRM Rate Generator Model, Tab 6.1a "GA Allocation"

<sup>13</sup> 2018 IRM Rate Generator Model, Tab 6.2 "CBR\_Allocation"

Service Charges, Retail Transmission Service Charges and Commodity Power Charges. These Group 1 accounts have a total debit balance of \$1,752,936, which results in a charge to customers.

OEB staff confirmed that the balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.<sup>14</sup> Canadian Niagara Power submitted that its proposal for a one-year disposition period is in accordance with the OEB's policy.<sup>15</sup>

## Findings

The OEB approves the disposition of a credit balance of \$4,460 as of December 31, 2016, including interest projected to December 31, 2017 for Group 1 accounts. While the total balance for all Group 1 accounts is not material, the balance in the RSVA – Global Adjustment Account 1589 applicable to non-RPP customers is material. The OEB finds that it is appropriate to dispose of the balances in 2018.

In its application, Canadian Niagara Power described its settlement process with the IESO. Market Rules require electricity distributors to file a claim with the IESO by the fourth business day of the month.<sup>16</sup> The claim relates to the difference between the wholesale cost of power for RPP customers, including the RPP portion of the global adjustment, and the amount billed to customers for the RPP. The IESO then applies this claim amount to the distributor's invoice to be issued for the previous month.

Rather than forecasting the RPP amount for the month being invoiced, Canadian Niagara Power waits until its customers have been billed before filing a claim with the IESO. This results in settlements with the IESO being based on a 12-month rolling basis, rather than the calendar year. Canadian Niagara Power made an adjustment to its 2016 balances for Accounts 1588 and 1589 to include the amount for December 2016 that was settled with the IESO on the January 2017 invoice. Given this adjustment, OEB staff took no issue with the 2016 year-end balances in the Group 1 deferral and variance accounts. The OEB agrees with the proposal to dispose of Group 1 balances, with the adjustment for December 2016.

OEB staff submitted that Canadian Niagara Power should change its settlement processes with the IESO on a go-forward basis. In its reply letter, Canadian Niagara Power agreed to adjust its IESO settlement process beginning with January 2018

---

<sup>14</sup> Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016

<sup>15</sup> As outlined in the Report cited at footnote 9 above.

<sup>16</sup> As outlined in the Market Manual cited at footnote 10 above.

consumption. It noted that this adjustment could not be applied retroactively to 2017 balances as it had already filed its monthly 2017 claims to the IESO.

The OEB agrees that Canadian Niagara Power should amend its settlement process to be consistent with that of other distributors. The OEB accepts that Canadian Niagara Power will change its settlement process for January 2018 consumption.

Canadian Niagara Power explains in its application that the balance in Account 1551 – Smart Meter Entity Charge Variance includes a residual amount transferred in from Account 1555 – Sub Account Stranded Meter Costs. This residual amount should have been transferred to Account 1595, which is not being disposed in this proceeding. The amount is not material and is a credit to customers, therefore the OEB is approving the disposition of the balance in Account 1551 without an adjustment.

The following table identifies the principal and interest amounts which the OEB approves for disposition.

**Table 6.2: Group 1 Deferral and Variance Account Balances  
with Interest Projected to December 31, 2017**

<b>Account Name</b>	<b>Account Number</b>	<b>Principal Balance (\$) A</b>	<b>Interest Balance (\$) B</b>	<b>Total Claim (\$) C=A+B</b>
LV Variance Account	1550	53,281	792	54,074
Smart Meter Entity Variance Charge	1551	(7,067)	35	(7,032)
RSVA - Wholesale Market Service Charge	1580	(523,290)	(10,359)	(533,649)
Variance WMS - Sub-account CBR Class B	1580	70,105	2,263	72,368
RSVA - Retail Transmission Network Charge	1584	(139,561)	(2,300)	(141,861)
RSVA - Retail Transmission Connection Charge	1586	(108,135)	(1,751)	(109,886)
RSVA – Power	1588	2,465,732	25,558	2,491,290
RSVA - Global Adjustment	1589	(1,815,682)	(14,081)	(1,829,763)
<b>Totals for all Group 1 accounts</b>		<b>(4,617)</b>	<b>158</b>	<b>(4,460)</b>

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in Article 220, Account Descriptions, of the *Accounting Procedures Handbook for Electricity Distributors*.<sup>17</sup> The date of the transfer must be the same as the effective date for the associated rates, which is, generally, the start of the rate year. Canadian Niagara Power shall ensure these adjustments are included in the reporting period ending March 31, 2018 (Quarter 1).

The OEB approves these balances to be disposed through rate riders, charges, and credits as calculated in the Rate Generator Model. The rate riders will be in effect over a one-year period from January 1, 2018 to December 31, 2018.<sup>18</sup>

## 7 RESIDENTIAL RATE DESIGN

All residential distribution rates currently include a fixed monthly charge and a variable usage charge. The OEB's residential rate design policy stipulates that distributors will transition residential customers to a fully fixed monthly distribution service charge over a four-year period, beginning in 2016.<sup>19</sup> The OEB requires that distributors filing IRM applications affecting 2018 rates continue with this transition by once again adjusting their distribution rates to increase the fixed monthly service charge and decrease the variable charge consistent with the policy.

The OEB expects an applicant to apply two tests to evaluate whether mitigation of bill impacts for customers is required during the transition period. Mitigation usually takes the form of a lengthening of the transition period. The first test is to calculate the change in the monthly fixed charge, and to consider mitigation if it exceeds \$4. The second is to calculate the total bill impact of the proposals in the application for low volume residential customers (defined as those residential RPP customers whose consumption is at the 10<sup>th</sup> percentile for the class). Mitigation may be required if the bill impact related to the application exceeds 10% for these customers.

---

<sup>17</sup> Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

<sup>18</sup> 2018 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a "GA Allocation", Tab 6.2 "CBR B", Tab 6.2a "CBR\_Allocation" and Tab 7 "Calculation of Def-Var RR"

<sup>19</sup> As outlined in the Policy cited at footnote 1 above.

In its 2017 cost of service proceeding, Canadian Niagara Power was approved for a fifth transition year in order to mitigate bill impacts for residential customers at Canadian Niagara Power's 10<sup>th</sup> percentile of consumption.

Canadian Niagara Power submitted that the implementation of the transition results in an increase to the fixed charge prior to the price cap adjustment of \$2.62. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers.

## Findings

The OEB finds that the proposed 2018 increase to the monthly fixed charge is calculated in accordance with the OEB's previous decision for CNPI, in which a transition over five year was approved.<sup>20</sup> The results of the monthly fixed charge, and total bill impact for low consumption residential consumers show that no further mitigation is required. The OEB approves the increase as proposed by the applicant and calculated in the final Rate Generator Model.

## 8 IMPLEMENTATION AND ORDER

This Decision is accompanied by a Rate Generator Model, applicable supporting models and a Tariff of Rates and Charges (Schedule A).

Model entries were reviewed in order to ensure that they are in accordance with Canadian Niagara Power's last COS decision, and to ensure that the 2017 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2016, are as reported by Canadian Niagara Power to the OEB. The Rate Generator Model was adjusted, where applicable, to correct any discrepancies.

The Rate Generator Model incorporates the rates set out in the following table.

**Table 8.1: Regulatory Charges**

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0003
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0032
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

<sup>20</sup> Canadian Niagara Power cost of service rate application EB-2016-0061

Each of these rates is a component of the “Regulatory Charge” on a customer’s bill, established annually by the OEB through a separate generic order. The RRRP rate was set by the OEB on June 22, 2017.<sup>21</sup> The WMS and CBR rates were set by the OEB on December 15, 2016.<sup>22</sup>

**THE ONTARIO ENERGY BOARD ORDERS THAT:**

1. Canadian Niagara Power Inc.’s new distribution rates shall be effective January 1, 2018.
2. The Tariff of Rates and Charges set out in Schedule A shall be deemed *draft* until the parties have complied with the subsequent procedural steps.
3. Canadian Niagara Power Inc. shall review the Tariff of Rates and Charges set out in Schedule A and shall file with the OEB, as applicable, a written confirmation of its completeness and accuracy, or provide a detailed explanation of any inaccuracies or missing information, within **7 days** of the date of issuance of this Decision and Rate Order.
4. The Tariff of Rates and Chargers will be considered final if Canadian Niagara Power Inc. does not provide a submission to the OEB that inaccuracies were found or information was missing pursuant to item 3. Canadian Niagara Power Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.
5. If the OEB receives a submission from Canadian Niagara Power Inc. to the effect that inaccuracies were found or information was missing pursuant to item 3, the OEB will consider the submission prior to issuing a final Tariff of Rates and Charges.

---

<sup>21</sup> Decision and Order, EB-2017-0234, June 22, 2017

<sup>22</sup> Decision and Order, EB-2016-0362, December 15, 2016

All filings to the OEB must quote the file number, EB-2017-0031 and be made electronically through the OEB's web portal at <http://www.pes.ontarioenergyboard.ca/eservice/> in searchable/unrestricted PDF format. Two paper copies must also be filed at the OEB's address provided below. Filings must clearly state the sender's name, postal address and telephone number, fax number and e-mail address. Parties must use the document naming conventions and document submission standards outlined in the RESS Document Guideline found at [https://www.oeb.ca/oeb/Documents/e-Filing/RESS\\_Document\\_Guidelines\\_final.pdf](https://www.oeb.ca/oeb/Documents/e-Filing/RESS_Document_Guidelines_final.pdf). If the web portal is not available parties may email their documents to the address below.

All communications should be directed to the attention of the Board Secretary at the address below, and be received no later than 4:45 p.m. on the required date.

### **ADDRESS**

Ontario Energy Board  
P.O. Box 2319  
2300 Yonge Street, 27th Floor  
Toronto ON M4P 1E4  
Attention: Board Secretary

E-mail: [boardsec@oeb.ca](mailto:boardsec@oeb.ca)  
Tel: 1-888-632-6273 (Toll free)  
Fax: 416-440-7656

**DATED** at Toronto, December 14, 2017

**ONTARIO ENERGY BOARD**

Original Signed By

Kirsten Walli  
Board Secretary

**Schedule A**

**To Decision and Rate Order**

**Tariff of Rates and Charges**

**OEB File No: EB-2017-0031**

**DATED: December 14, 2017**

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## RESIDENTIAL SERVICE CLASSIFICATION

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

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.57
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$	(0.09)
Distribution Volumetric Rate	\$/kWh	0.0082
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kWh	(0.0020)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs - effective until December 31, 2018	\$/kWh	0.0004
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0037
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

## MONTHLY RATES AND CHARGES - Regulatory Component

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.25
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0246
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kWh	(0.0021)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs - effective until December 31, 2018	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0038
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

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

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

### APPLICATION

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

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

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

The rate 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.

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	162.52
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	7.1385
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only to Class B, Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only to Class A, Non-RPP customers who are not Wholesale Market Participants	\$/kWh	0.0014
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs - effective until December 31, 2018	\$/kW	0.1012
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.6672)

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.2083
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	0.0515
Retail Transmission Rate - Network Service Rate	\$/kW	2.3595
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0813

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	584.83
Distribution Volumetric Rate	\$/kW	8.2120
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.8033)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.2690
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	0.0566
Retail Transmission Rate - Network Service Rate	\$/kW	2.3595
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0813

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	47.68
Distribution Volumetric Rate	\$/kWh	0.0259
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0038
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## **STANDBY POWER SERVICE CLASSIFICATION**

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

### **APPLICATION**

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

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

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

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

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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility)	\$/kW	1.1764
---	-------	--------

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.45
Distribution Volumetric Rate	\$/kW	6.3165
Low Voltage Service Rate	\$/kW	0.0825
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.7052)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.1572
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	0.0517
Retail Transmission Rate - Network Service Rate	\$/kW	2.0108
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6985

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## STREET LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.92
Distribution Volumetric Rate	\$/kW	8.5222
Low Voltage Service Rate	\$/kW	0.0771
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2018	\$/kW	(0.6955)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0118)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	1.2689
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	0.0566
Retail Transmission Rate - Network Service Rate	\$/kW	1.7464
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5880

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.40
----------------	----	------

**ALLOWANCES**

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

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## SPECIFIC SERVICE CHARGES

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

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

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

### Customer Administration

Arrears certificate (credit reference)	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

### Other

Special meter reads	\$	30.00
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - per pole/year (with the exception of wireless attachments)	\$	22.35

**Canadian Niagara Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2017-0031

## RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0530
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0425