

**Canadian Niagara Power Inc.  
2017 Cost of Service Application  
Draft Rate Order  
Reply Submission  
EB-2016-0061  
Filed: March 30, 2017**

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## Introduction

On March 16, 2017, Canadian Niagara Power Inc. (“CNPI”) filed a draft Rate Order (the “DRO”) pursuant to the Ontario Energy Board’s EB-2016-0061 Decision and Order (the “Decision”) dated March 9, 2017.

The DRO noted that the OEB had found that the effective date of Canadian Niagara Power’s rate order would be January 1, 2017 and anticipated a May 1, 2017 implementation date for the rate order given the timelines set out for comments and responses.

On March 23, 2017, OEB staff provided comment on the DRO. On March 24, 2017, OEB staff provided CNPI with a draft Tariff of Rates and Charges (the “Tariff”), which had been modified from the Tariff included in the DRO to address a number of formatting changes that OEB staff believed were required. No intervenors provided comment on the DRO.

In its comments, OEB staff did not request any changes to the derivation of any of the rates and charges included in the DRO. The models and attachments included with the DRO therefore remain valid, with the exception of the Tariff. A revised Tariff, as provided by OEB staff, has been included as Attachment A to this reply submission.

CNPI’s reply submission focuses on five areas where OEB staff submitted that CNPI should provide additional information, namely:

- Extending the bill impact summary to greater number of scenarios, including clarification of the appropriate consumption levels for Sentinel and Street Light classes;
- Providing additional comparisons between the rates approved in the Decision and Order, and those applied for in the original application;
- Confirming CNPI’s intent with respect to a Pension and OPEB variance account;
- The applicability of CNPI’s Standby Classification; and
- Formatting changes to CNPI’s proposed Tariff of Rates and Charges.

## Bill Impact Summary

CNPI's application provided bill impact summaries for a wide range of consumption levels in its Residential and General Service rate classes. Differences in RPP/Market pricing compared to Retailer enrolled customers were also provided for Residential and GS<50 customers at each consumption level. In the interest of providing more concise summaries of bill impacts throughout the proceeding, summaries provided during the interrogatory phase and in the DRO were limited to typical consumption levels in each class, as well as Residential consumption at the 10<sup>th</sup> percentile of consumption to evaluate the impact of transitioning towards a fully fixed distribution rate for that class.

OEB staff indicated that it would be helpful to the OEB if in its reply submission, CNPI provided bill impacts reflecting the impacts of the Decision and Order for the same 33 comparisons for each of the service territories that were provided in the application. The tables included in Attachment B provide a summary of the bill impacts resulting from the Decision, for the greater number of scenarios included in CNPI's original application. Tables are provided for both total bill, and for distribution only, using Sub-Total B of the OEB's bill impact model, which includes all rate riders as well as the cost of losses for low-volume customers. Rows highlighted in yellow on the total bill tables indicate the 10<sup>th</sup> percentile for Residential consumption, confirming that total bill impacts at this level are less than the OEB's mitigation threshold of 10%.

OEB staff also correctly noted the differences in consumption and demand levels included in bill impact analysis for the Sentinel Lighting and Street Lighting classes between the original application and the DRO. The levels included in the original application inadvertently used the approximate average consumption and demand for these classes on a device level (i.e. a single light), as opposed to a customer level. The values used throughout the interrogatory process and in the DRO are approximately representative of an average customer in each class, and therefore more in line with a total bill analysis. CNPI therefore submits that the comparisons in the DRO (which are consistent with the values used throughout the interrogatory process) are the appropriate ones to consider.

## Rate Comparison

OEB staff indicated that it would also be useful for CNPI to provide similar comparisons to those required above for the rates approved in the Decision versus those applied for in the original application.

CNPI agrees that such a comparison is useful, particularly as the bill impact summaries discussed above include both changes in rate riders, and rate riders for foregone revenue, the magnitude of which are affected by the implementation date of the Decision.

The following table compares the fixed and variable rates requested in the original application, to those included in the DRO resulting from the OEB's Decision. The effect of the changes made as a result of all interrogatories, partial settlement, and the OEB's Decision is a reduction in rates of approximately 6% in most cases, with variation due to residential decoupling and changes to revenue to cost ratio.

**Table 1 – Rate Comparison**

Rate Comparison - Application vs Decision - Excluding Riders								
Class	2017 Application		2017 Decision		Variance \$		Variance %	
	Fixed	Var	Fixed	Var	Fixed	Var	Fixed	Var
Residential	30.47	0.0116	27.72	0.0122	-2.75	0.0006	-9.03%	5.17%
GS Less Than 50 kW	32.02	0.0261	30.02	0.0244	-2.00	-0.0017	-6.25%	-6.51%
GS 50 to 4999 kW	172.04	7.5344	161.31	7.0854	-10.73	-0.4490	-6.24%	-5.96%
Embedded Distributor	584.79	8.3087	580.48	8.1509	-4.31	-0.1578	-0.74%	-1.90%
USL	50.53	0.0274	47.33	0.0257	-3.20	-0.0017	-6.33%	-6.20%
Sentinel Lighting	5.77	6.6867	5.41	6.2695	-0.36	-0.4172	-6.24%	-6.24%
Street Lighting	4.06	8.8324	3.89	8.4588	-0.17	-0.3736	-4.19%	-4.23%

In addition to the rate comparison in the above table, Attachment C includes bill impact analysis with consideration of base distribution rates only (i.e. fixed and variable rates without additional riders), for the same consumption and demand scenarios included in the total bill analysis. This reflects the impact of the Decision on CNPI's base distribution rates, without any distortion from rate riders or losses, and without consideration of the delayed implementation date. CNPI notes that the impacts are identical regardless of service territory, or retailer enrollment, and the number of scenarios required is therefore considerably reduced.

This analysis indicates that CNPI's original application requested an increase to distribution rates of approximately 13%, whereas the increase resulting from the DRO is approximately 6%. Again, variations from these figures result from residential decoupling and changes to revenue to cost ratios.

## Pension and OPEB Variance Account

In its submission on the DRO OEB Staff requested CNPI to confirm how it intends to implement the Board's direction in EB-2015-0040 assuming the Board requires LDCs like CNPI to change from accrual to cash accounting when quantifying their OPEB costs. With respect, CNPI cannot confirm how it will react to a policy direction from the Board prior to the Board providing that direction. Similar to how the Board in this proceeding determined that it would be presumptive for it to assume the outcome of the EB-2015-0040 proceeding, CNPI respectfully submits that it would be presumptive of it to outline precisely how it would react to a policy direction that has not been given yet and may not be given at all. It is CNPI's expectation that any direction from the Board in EB-2015-0040 will necessarily address the series of complex, interrelated issues raised by the various parties, such that following that direction could be equally complex in its content.

## Standby Classification

OEB staff notes that in the currently approved Tariff, the Standby Charge is only applicable to the Port Colborne service territory, and that the harmonized Tariff included in the DRO would have the effect of making this charge applicable to all service territories going forward.

CNPI confirms that it now intends this rate to be applicable across all three of its service territories. CNPI notes that the sole reason that the rate did not previously appear on all three tariffs is that historically, standby service has only been requested by large industrial customers in its Port Colborne service territory. CNPI anticipates that a standby rate may be required in other territories as some of its large customers consider CHP projects with embedded load displacement generation.

## Tariff of Rates and Charges

During CNPI's review of the revised Tariff provided by OEB staff, it appears that the OESP rate was removed consistent with the OEB's March 23, 2017 decision in EB-2017-0135. The Wholesale Market Service Rate ("WMS") was split to reflect a WMS rate excluding Capacity Based Recovery (applicable to all customers), and a separate Capacity Based Recovery Rate (applicable to Class B customers only). All other changes appear to be in relation to formatting (e.g. minor renaming of certain rate riders, spacing, and re-ordering of certain line items).

CNPI has no objections the revisions made by OEB staff, and has included the revised Tariff as Attachment A to this reply submission.

## Attachments

Attachment A	CNPI 2017 Proposed Tariff of Rates and Charges
Attachment B	Summary of Bill Impacts by Service Territory
Attachment C	Bill Impact – Base Distribution Rates Only

Canadian Niagara Power Inc.  
EB-2016-0061  
Draft Rate Order  
Reply Submission  
Attachment A  
Filed: March 30, 2017

*Attachment A – CNPI 2017 Proposed Tariff of Rates and Charges*



# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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

EB-2016-0061

## RESIDENTIAL SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27.72
Rate Rider for Smart Meter 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)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	2.14
Distribution Volumetric Rate	\$/kWh	0.0122
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017		
- Applicable only for Non-RPP Customers	\$/kWh	0.0041
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018		
- Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kWh	(0.0010)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kWh	(0.0020)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kWh	(0.0015)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs – effective until December 31, 2018	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0057

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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

EB-2016-0061

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

#### APPLICATION

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.02
Rate Rider for Smart Meter Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	0.88
Distribution Volumetric Rate	\$/kWh	0.0244
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kWh	(0.0021)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kWh	0.0007
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Costs – effective until December 31, 2018	\$/kWh	0.0014
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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

EB-2016-0061

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

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

#### APPLICATION

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

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The rate riders for the disposition of Global Adjustment Account (2017) are only applicable to non-RPP Class B customers. They are not applicable to WMP customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. These rate riders are to be consistently applied for the entire period to the sunset date of the rate rider. In addition, these rate riders are applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

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

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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

**EB-2016-0061**

Retail Transmission Rate – Network Service Rate	\$/kW	2.4230
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0556

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

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EB-2016-0061

## EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

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

### APPLICATION

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	580.48
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	214.33
Distribution Volumetric Rate	\$/kW	8.1509
Low Voltage Service Rate	\$/kW	0.1011
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017 - Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018 - Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kW	(0.3761)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kW	(0.8033)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kW	0.7311
Retail Transmission Rate – Network Service Rate	\$/kW	2.4230
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0556

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

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EB-2016-0061

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

#### APPLICATION

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	47.33
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	7.19
Distribution Volumetric Rate	\$/kWh	0.0257
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017		
- Applicable only for Non-RPP Customers	\$/kWh	0.0026
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018		
- Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kWh	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kWh	0.0039
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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EB-2016-0061

### STANDBY POWER SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

\$/kW 1.1676

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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

EB-2016-0061

### SENTINEL LIGHTING SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.41
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	0.16
Distribution Volumetric Rate	\$/kW	6.2695
Low Voltage Service Rate	\$/kW	0.0825
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kW	(0.1918)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kW	(0.7052)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kW	0.1843
Retail Transmission Rate – Network Service Rate	\$/kW	2.0649
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6775

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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

EB-2016-0061

### 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)	\$	3.89
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$	(0.54)
Distribution Volumetric Rate	\$/kW	8.4588
Low Voltage Service Rate	\$/kW	0.0771
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2017		
- Applicable only for Non-RPP Customers	\$/kWh	0.0056
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2018		
- Applicable only for Non-RPP Customers	\$/kWh	0.0040
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017	\$/kW	(0.4886)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2018	\$/kW	(0.6955)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2017	\$/kW	(1.1689)
Retail Transmission Rate – Network Service Rate	\$/kW	1.7934
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5684

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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EB-2016-0061

### microFIT SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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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 and energy	%	(1.00)

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

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EB-2016-0061

### SPECIFIC SERVICE CHARGES

#### 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 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 charge (plus bank charges)	\$	15.00
Charge to certify cheques	\$	15.00
Legal letter charge	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect Charges - at meter - during regular hours	\$	65.00
Disconnect/Reconnect Charges - at meter - after regular hours	\$	185.00
Disconnect/Reconnect Charges at Pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00

#### Other

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

# Canadian Niagara Power Inc.

## TARIFF OF RATES AND CHARGES

Effective Date January 1, 2017

Implementation Date May 1, 2017

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EB-2016-0061

### RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

### LOSS FACTORS

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

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

*Attachment B – Summary of Bill Impacts by Service Territory*

Bill Impacts - Fort Erie Service Territory							
Class	kWh	kW	Energy Charge	Total Bill			
				Pre-May 1, 2017 \$	Post-May 1, 2017 \$	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 44.99	\$ 51.30	\$ 6.32	14.04%
Residential	210	-	RPP - TOU	\$ 64.04	\$ 69.44	\$ 5.40	8.43%
Residential	250	-	RPP - TOU	\$ 70.97	\$ 76.04	\$ 5.07	7.14%
Residential	500	-	RPP - TOU	\$ 114.28	\$ 117.26	\$ 2.98	2.61%
Residential	750	-	RPP - TOU	\$ 157.58	\$ 158.48	\$ 0.89	0.57%
Residential	1,000	-	RPP - TOU	\$ 200.89	\$ 199.70	-\$ 1.20	-0.60%
Residential	1,500	-	RPP - TOU	\$ 287.51	\$ 282.13	-\$ 5.37	-1.87%
Residential	2,000	-	RPP - TOU	\$ 374.12	\$ 364.57	-\$ 9.55	-2.55%
Residential	100	-	Retailer	\$ 50.65	\$ 57.46	\$ 6.81	13.44%
Residential	210	-	Retailer	\$ 76.25	\$ 82.68	\$ 6.43	8.43%
Residential	250	-	Retailer	\$ 85.55	\$ 91.85	\$ 6.29	7.36%
Residential	500	-	Retailer	\$ 143.73	\$ 149.16	\$ 5.43	3.78%
Residential	750	-	Retailer	\$ 201.90	\$ 206.47	\$ 4.57	2.26%
Residential	1,000	-	Retailer	\$ 260.08	\$ 263.79	\$ 3.71	1.43%
Residential	1,500	-	Retailer	\$ 376.42	\$ 378.42	\$ 1.99	0.53%
Residential	2,000	-	Retailer	\$ 492.77	\$ 493.04	\$ 0.27	0.06%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 212.66	\$ 215.78	\$ 3.12	1.47%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 392.22	\$ 395.47	\$ 3.25	0.83%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 930.88	\$ 934.53	\$ 3.65	0.39%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 1,828.65	\$ 1,832.97	\$ 4.32	0.24%
GS Less Than 50 kW	15,000	-	Market	\$ 2,755.19	\$ 2,760.15	\$ 4.96	0.18%
GS Less Than 50 kW	1,000	-	Retailer	\$ 271.85	\$ 279.53	\$ 7.69	2.83%
GS Less Than 50 kW	2,000	-	Retailer	\$ 510.87	\$ 523.26	\$ 12.39	2.43%
GS Less Than 50 kW	5,000	-	Retailer	\$ 1,227.93	\$ 1,254.43	\$ 26.50	2.16%
GS Less Than 50 kW	10,000	-	Retailer	\$ 2,423.04	\$ 2,473.06	\$ 50.02	2.06%
GS Less Than 50 kW	15,000	-	Retailer	\$ 3,473.17	\$ 3,691.68	\$ 218.51	6.29%
GS 50 to 4999 kW	20,000	60	Market	\$ 3,885.61	\$ 3,970.52	\$ 84.90	2.19%
GS 50 to 4999 kW	40,000	100	Market	\$ 7,313.05	\$ 7,493.68	\$ 180.63	2.47%
GS 50 to 4999 kW	200,000	500	Market	\$ 35,878.98	\$ 36,666.29	\$ 787.30	2.19%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 71,586.40	\$ 73,132.04	\$ 1,545.64	2.16%
USL	3,500	-	RPP	\$ 647.86	\$ 704.72	\$ 56.86	8.78%
Sentinel Lighting	1,400	5	RPP	\$ 358.32	\$ 365.87	\$ 7.55	2.11%
Street Lighting	5,400	15	Market	\$ 1,727.21	\$ 1,459.53	-\$ 267.68	-15.50%

Bill Impacts - Eastern Ontario Power Service Territory							
Class	kWh	kW	Energy Charge	Total Bill			
				Pre-May 1, 2017 \$	Post-May 1, 2017 \$	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 44.73	\$ 51.30	\$ 6.58	14.71%
Residential	210	-	RPP - TOU	\$ 63.49	\$ 69.44	\$ 5.95	9.36%
Residential	250	-	RPP - TOU	\$ 70.32	\$ 76.04	\$ 5.72	8.13%
Residential	500	-	RPP - TOU	\$ 112.98	\$ 117.26	\$ 4.28	3.79%
Residential	750	-	RPP - TOU	\$ 155.64	\$ 158.48	\$ 2.84	1.82%
Residential	1,000	-	RPP - TOU	\$ 198.29	\$ 199.70	\$ 1.40	0.71%
Residential	1,500	-	RPP - TOU	\$ 283.61	\$ 282.13	-\$ 1.47	-0.52%
Residential	2,000	-	RPP - TOU	\$ 368.92	\$ 364.57	-\$ 4.35	-1.18%
Residential	100	-	Retailer	\$ 51.16	\$ 57.46	\$ 6.30	12.32%
Residential	210	-	Retailer	\$ 77.31	\$ 82.68	\$ 5.36	6.94%
Residential	250	-	Retailer	\$ 86.83	\$ 91.85	\$ 5.02	5.78%
Residential	500	-	Retailer	\$ 146.27	\$ 149.16	\$ 2.89	1.98%
Residential	750	-	Retailer	\$ 205.72	\$ 206.47	\$ 0.76	0.37%
Residential	1,000	-	Retailer	\$ 265.16	\$ 263.79	-\$ 1.37	-0.52%
Residential	1,500	-	Retailer	\$ 384.05	\$ 378.42	-\$ 5.64	-1.47%
Residential	2,000	-	Retailer	\$ 502.94	\$ 493.04	-\$ 9.90	-1.97%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 216.05	\$ 221.54	\$ 5.49	2.54%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 399.00	\$ 406.99	\$ 8.00	2.00%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 947.83	\$ 963.35	\$ 15.52	1.64%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 1,862.55	\$ 1,890.60	\$ 28.05	1.51%
GS Less Than 50 kW	15,000	-	Market	\$ 2,806.04	\$ 2,846.59	\$ 40.55	1.45%
GS Less Than 50 kW	1,000	-	Retailer	\$ 282.92	\$ 285.30	\$ 2.38	0.84%
GS Less Than 50 kW	2,000	-	Retailer	\$ 533.02	\$ 534.79	\$ 1.77	0.33%
GS Less Than 50 kW	5,000	-	Retailer	\$ 1,283.30	\$ 1,283.25	-\$ 0.05	0.00%
GS Less Than 50 kW	10,000	-	Retailer	\$ 2,533.78	\$ 2,530.69	-\$ 3.09	-0.12%
GS Less Than 50 kW	15,000	-	Retailer	\$ 3,639.28	\$ 3,778.13	\$ 138.84	3.82%
GS 50 to 4999 kW	20,000	60	Market	\$ 4,110.45	\$ 4,085.78	-\$ 24.67	-0.60%
GS 50 to 4999 kW	40,000	100	Market	\$ 7,726.20	\$ 7,724.20	-\$ 2.00	-0.03%
GS 50 to 4999 kW	200,000	500	Market	\$ 37,944.74	\$ 37,818.89	-\$ 125.85	-0.33%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 75,717.90	\$ 75,437.24	-\$ 280.66	-0.37%
USL	3,500	-	RPP	\$ 659.33	\$ 724.89	\$ 65.57	9.94%
Sentinel Lighting	1,400	5	RPP	\$ 362.14	\$ 373.94	\$ 11.80	3.26%
Street Lighting	5,400	15	Market	\$ 1,783.67	\$ 1,490.65	-\$ 293.02	-16.43%

Bill Impacts - Port Colborne Service Territory							
Class	kWh	kW	Energy Charge	Total Bill			
				Pre-May 1, 2017 \$	Post-May 1, 2017 \$	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 44.88	\$ 51.30	\$ 6.42	14.30%
Residential	210	-	RPP - TOU	\$ 63.83	\$ 69.44	\$ 5.61	8.79%
Residential	250	-	RPP - TOU	\$ 70.72	\$ 76.04	\$ 5.32	7.52%
Residential	500	-	RPP - TOU	\$ 113.77	\$ 117.26	\$ 3.49	3.06%
Residential	750	-	RPP - TOU	\$ 156.82	\$ 158.48	\$ 1.65	1.05%
Residential	1,000	-	RPP - TOU	\$ 199.87	\$ 199.70	-\$ 0.18	-0.09%
Residential	1,500	-	RPP - TOU	\$ 285.98	\$ 282.13	-\$ 3.85	-1.34%
Residential	2,000	-	RPP - TOU	\$ 372.09	\$ 364.57	-\$ 7.51	-2.02%
Residential	100	-	Retailer	\$ 50.34	\$ 57.46	\$ 7.11	14.13%
Residential	210	-	Retailer	\$ 75.61	\$ 82.68	\$ 7.07	9.35%
Residential	250	-	Retailer	\$ 84.79	\$ 91.85	\$ 7.06	8.32%
Residential	500	-	Retailer	\$ 142.20	\$ 149.16	\$ 6.96	4.89%
Residential	750	-	Retailer	\$ 199.61	\$ 206.47	\$ 6.86	3.44%
Residential	1,000	-	Retailer	\$ 257.03	\$ 263.79	\$ 6.76	2.63%
Residential	1,500	-	Retailer	\$ 371.85	\$ 378.42	\$ 6.57	1.77%
Residential	2,000	-	Retailer	\$ 486.67	\$ 493.04	\$ 6.37	1.31%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 219.78	\$ 223.69	\$ 3.91	1.78%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 406.46	\$ 411.29	\$ 4.83	1.19%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 966.47	\$ 974.08	\$ 7.61	0.79%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 1,899.84	\$ 1,912.07	\$ 12.23	0.64%
GS Less Than 50 kW	15,000	-	Market	\$ 2,861.98	\$ 2,878.80	\$ 16.82	0.59%
GS Less Than 50 kW	1,000	-	Retailer	\$ 276.93	\$ 287.44	\$ 10.51	3.80%
GS Less Than 50 kW	2,000	-	Retailer	\$ 521.04	\$ 539.08	\$ 18.04	3.46%
GS Less Than 50 kW	5,000	-	Retailer	\$ 1,253.36	\$ 1,293.98	\$ 40.63	3.24%
GS Less Than 50 kW	10,000	-	Retailer	\$ 2,473.89	\$ 2,552.16	\$ 78.27	3.16%
GS Less Than 50 kW	15,000	-	Retailer	\$ 3,549.45	\$ 3,810.33	\$ 260.88	7.35%
GS 50 to 4999 kW	20,000	60	Market	\$ 3,974.28	\$ 4,128.72	\$ 154.44	3.89%
GS 50 to 4999 kW	40,000	100	Market	\$ 7,513.56	\$ 7,810.08	\$ 296.52	3.95%
GS 50 to 4999 kW	200,000	500	Market	\$ 36,881.52	\$ 38,248.29	\$ 1,366.77	3.71%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 73,591.47	\$ 76,296.04	\$ 2,704.57	3.68%
Embedded Distributor	433,813	1,160	Market	\$ 80,791.85	\$ 86,141.42	\$ 5,349.57	6.62%
USL	3,500	-	RPP	\$ 672.38	\$ 732.41	\$ 60.03	8.93%
Sentinel Lighting	1,400	5	RPP	\$ 367.96	\$ 376.94	\$ 8.98	2.44%
Street Lighting	5,400	15	Market	\$ 1,765.61	\$ 1,502.24	-\$ 263.37	-14.92%



Bill Impacts - Fort Erie Service Territory							
Class	kWh	kW	Energy Charge	Distribution Charges (Sub-Total B)			
				Pre-May 1, 2017 \$	Post-May 1, 2017 \$	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 26.33	\$ 31.99	\$ 5.66	21.48%
Residential	210	-	RPP - TOU	\$ 28.65	\$ 33.56	\$ 4.92	17.16%
Residential	250	-	RPP - TOU	\$ 29.49	\$ 34.14	\$ 4.65	15.76%
Residential	500	-	RPP - TOU	\$ 34.75	\$ 37.71	\$ 2.96	8.53%
Residential	750	-	RPP - TOU	\$ 40.01	\$ 41.29	\$ 1.28	3.20%
Residential	1,000	-	RPP - TOU	\$ 45.27	\$ 44.86	-\$ 0.40	-0.89%
Residential	1,500	-	RPP - TOU	\$ 55.79	\$ 52.02	-\$ 3.77	-6.76%
Residential	2,000	-	RPP - TOU	\$ 66.30	\$ 59.17	-\$ 7.14	-10.76%
Residential	100	-	Retailer	\$ 26.96	\$ 33.05	\$ 6.09	22.60%
Residential	210	-	Retailer	\$ 29.95	\$ 35.78	\$ 5.83	19.46%
Residential	250	-	Retailer	\$ 31.04	\$ 36.78	\$ 5.73	18.47%
Residential	500	-	Retailer	\$ 37.86	\$ 42.99	\$ 5.14	13.57%
Residential	750	-	Retailer	\$ 44.67	\$ 49.21	\$ 4.54	10.16%
Residential	1,000	-	Retailer	\$ 51.48	\$ 55.42	\$ 3.94	7.65%
Residential	1,500	-	Retailer	\$ 65.11	\$ 67.86	\$ 2.75	4.22%
Residential	2,000	-	Retailer	\$ 78.74	\$ 80.29	\$ 1.55	1.97%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 57.69	\$ 60.99	\$ 3.31	5.73%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 86.32	\$ 90.30	\$ 3.97	4.60%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 172.24	\$ 178.21	\$ 5.97	3.47%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 315.42	\$ 324.73	\$ 9.30	2.95%
GS Less Than 50 kW	15,000	-	Market	\$ 368.05	\$ 382.69	\$ 14.64	3.98%
GS Less Than 50 kW	1,000	-	Retailer	\$ 63.90	\$ 71.25	\$ 7.35	11.50%
GS Less Than 50 kW	2,000	-	Retailer	\$ 98.76	\$ 110.82	\$ 12.06	12.21%
GS Less Than 50 kW	5,000	-	Retailer	\$ 203.31	\$ 229.51	\$ 26.19	12.88%
GS Less Than 50 kW	10,000	-	Retailer	\$ 377.58	\$ 427.32	\$ 49.75	13.18%
GS Less Than 50 kW	15,000	-	Retailer	\$ 423.55	\$ 499.69	\$ 76.14	17.98%
GS 50 to 4999 kW	20,000	60	Market	\$ 632.12	\$ 722.03	\$ 89.91	14.22%
GS 50 to 4999 kW	40,000	100	Market	\$ 952.31	\$ 1,137.74	\$ 185.43	19.47%
GS 50 to 4999 kW	200,000	500	Market	\$ 4,154.23	\$ 4,978.86	\$ 824.63	19.85%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 8,156.63	\$ 9,780.26	\$ 1,623.63	19.91%
USL	3,500	-	RPP	\$ 115.69	\$ 167.93	\$ 52.24	45.16%
Sentinel Lighting	1,400	5	RPP	\$ 129.31	\$ 136.84	\$ 7.53	5.82%
Street Lighting	5,400	15	Market	\$ 826.96	\$ 592.32	-\$ 234.63	-28.37%

Canadian Niagara Power Inc.  
EB-2016-0061  
Draft Rate Order  
Reply Submission  
Attachment B  
Filed: March 30, 2017

Class	kWh	kW	Energy Charge	Distribution Charges (Sub-Total B)			
				Pre-May 1, 2017 \$	Post-May 1, 2017 \$	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 26.10	\$ 31.99	\$ 5.89	22.55%
Residential	210	-	RPP - TOU	\$ 28.16	\$ 33.56	\$ 5.40	19.17%
Residential	250	-	RPP - TOU	\$ 28.91	\$ 34.14	\$ 5.22	18.06%
Residential	500	-	RPP - TOU	\$ 33.60	\$ 37.71	\$ 4.11	12.24%
Residential	750	-	RPP - TOU	\$ 38.28	\$ 41.29	\$ 3.00	7.85%
Residential	1,000	-	RPP - TOU	\$ 42.97	\$ 44.86	\$ 1.90	4.41%
Residential	1,500	-	RPP - TOU	\$ 52.34	\$ 52.02	-\$ 0.32	-0.61%
Residential	2,000	-	RPP - TOU	\$ 61.70	\$ 59.17	-\$ 2.54	-4.11%
Residential	100	-	Retailer	\$ 27.41	\$ 33.05	\$ 5.64	20.58%
Residential	210	-	Retailer	\$ 30.90	\$ 35.78	\$ 4.88	15.80%
Residential	250	-	Retailer	\$ 32.17	\$ 36.78	\$ 4.61	14.32%
Residential	500	-	Retailer	\$ 40.11	\$ 42.99	\$ 2.89	7.19%
Residential	750	-	Retailer	\$ 48.04	\$ 49.21	\$ 1.16	2.42%
Residential	1,000	-	Retailer	\$ 55.98	\$ 55.42	-\$ 0.56	-1.00%
Residential	1,500	-	Retailer	\$ 71.86	\$ 67.86	-\$ 4.00	-5.57%
Residential	2,000	-	Retailer	\$ 87.74	\$ 80.29	-\$ 7.45	-8.49%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 55.59	\$ 60.99	\$ 5.41	9.73%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 82.12	\$ 90.30	\$ 8.17	9.95%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 161.74	\$ 178.21	\$ 16.47	10.18%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 294.42	\$ 324.73	\$ 30.30	10.29%
GS Less Than 50 kW	15,000	-	Market	\$ 336.55	\$ 382.69	\$ 46.14	13.71%
GS Less Than 50 kW	1,000	-	Retailer	\$ 68.60	\$ 71.25	\$ 2.65	3.86%
GS Less Than 50 kW	2,000	-	Retailer	\$ 108.16	\$ 110.82	\$ 2.66	2.46%
GS Less Than 50 kW	5,000	-	Retailer	\$ 226.81	\$ 229.51	\$ 2.69	1.19%
GS Less Than 50 kW	10,000	-	Retailer	\$ 424.58	\$ 427.32	\$ 2.75	0.65%
GS Less Than 50 kW	15,000	-	Retailer	\$ 494.05	\$ 499.69	\$ 5.64	1.14%
GS 50 to 4999 kW	20,000	60	Market	\$ 729.09	\$ 722.03	-\$ 7.06	-0.97%
GS 50 to 4999 kW	40,000	100	Market	\$ 1,113.93	\$ 1,137.74	\$ 23.81	2.14%
GS 50 to 4999 kW	200,000	500	Market	\$ 4,962.33	\$ 4,978.86	\$ 16.53	0.33%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 9,772.83	\$ 9,780.26	\$ 7.43	0.08%
USL	3,500	-	RPP	\$ 107.99	\$ 167.93	\$ 59.94	55.51%
Sentinel Lighting	1,400	5	RPP	\$ 125.55	\$ 136.84	\$ 11.29	9.00%
Street Lighting	5,400	15	Market	\$ 849.38	\$ 592.32	-\$ 257.06	-30.26%

Bill Impacts - Port Colborne Service Territory							
Class	kWh	kW	Energy Charge	Distribution Charges (Sub-Total B)			
				Pre-May 1, 2017 \$	Post-May 1, 2017 \$	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 26.24	\$ 31.99	\$ 5.75	21.90%
Residential	210	-	RPP - TOU	\$ 28.46	\$ 33.56	\$ 5.10	17.94%
Residential	250	-	RPP - TOU	\$ 29.26	\$ 34.14	\$ 4.87	16.65%
Residential	500	-	RPP - TOU	\$ 34.30	\$ 37.71	\$ 3.41	9.95%
Residential	750	-	RPP - TOU	\$ 39.33	\$ 41.29	\$ 1.95	4.97%
Residential	1,000	-	RPP - TOU	\$ 44.37	\$ 44.86	\$ 0.50	1.12%
Residential	1,500	-	RPP - TOU	\$ 54.44	\$ 52.02	-\$ 2.42	-4.45%
Residential	2,000	-	RPP - TOU	\$ 64.50	\$ 59.17	-\$ 5.34	-8.27%
Residential	100	-	Retailer	\$ 26.69	\$ 33.05	\$ 6.36	23.84%
Residential	210	-	Retailer	\$ 29.39	\$ 35.78	\$ 6.40	21.76%
Residential	250	-	Retailer	\$ 30.37	\$ 36.78	\$ 6.41	21.10%
Residential	500	-	Retailer	\$ 36.51	\$ 42.99	\$ 6.49	17.76%
Residential	750	-	Retailer	\$ 42.64	\$ 49.21	\$ 6.56	15.39%
Residential	1,000	-	Retailer	\$ 48.78	\$ 55.42	\$ 6.64	13.61%
Residential	1,500	-	Retailer	\$ 61.06	\$ 67.86	\$ 6.80	11.13%
Residential	2,000	-	Retailer	\$ 73.34	\$ 80.29	\$ 6.95	9.48%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 56.99	\$ 60.99	\$ 4.01	7.03%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 84.92	\$ 90.30	\$ 5.37	6.33%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 168.74	\$ 178.21	\$ 9.47	5.61%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 308.42	\$ 324.73	\$ 16.30	5.29%
GS Less Than 50 kW	15,000	-	Market	\$ 357.55	\$ 382.69	\$ 25.14	7.03%
GS Less Than 50 kW	1,000	-	Retailer	\$ 61.40	\$ 71.25	\$ 9.85	16.04%
GS Less Than 50 kW	2,000	-	Retailer	\$ 93.76	\$ 110.82	\$ 17.06	18.20%
GS Less Than 50 kW	5,000	-	Retailer	\$ 190.81	\$ 229.51	\$ 38.69	20.28%
GS Less Than 50 kW	10,000	-	Retailer	\$ 352.58	\$ 427.32	\$ 74.75	21.20%
GS Less Than 50 kW	15,000	-	Retailer	\$ 386.05	\$ 499.69	\$ 113.64	29.44%
GS 50 to 4999 kW	20,000	60	Market	\$ 570.58	\$ 722.03	\$ 151.45	26.54%
GS 50 to 4999 kW	40,000	100	Market	\$ 849.75	\$ 1,137.74	\$ 287.99	33.89%
GS 50 to 4999 kW	200,000	500	Market	\$ 3,641.43	\$ 4,978.86	\$ 1,337.43	36.73%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 7,131.03	\$ 9,780.26	\$ 2,649.23	37.15%
Embedded Distributor	433,813	1,160	Market	\$ 8,247.70	\$ 13,274.22	\$ 5,026.52	60.94%
USL	3,500	-	RPP	\$ 112.89	\$ 167.93	\$ 55.04	48.76%
Sentinel Lighting	1,400	5	RPP	\$ 128.04	\$ 136.84	\$ 8.80	6.87%
Street Lighting	5,400	15	Market	\$ 823.14	\$ 592.32	-\$ 230.82	-28.04%

*Attachment C – Bill Impact – Base Distribution Rates Only*

**Canadian Niagara Power Inc.**  
**EB-2016-0061**  
**Draft Rate Order**  
**Reply Submission**  
**Attachment C**  
**Filed: March 16, 2017**

Bill Impacts - Distribution Charges Only										
Class	kWh	kW	Energy Charge	Distribution Charges (Sub-Total A, Excl Riders)						
				2016 Excl Riders	Application Excl Riders	Difference \$	Difference %	Decision Excl Riders	Difference \$	Difference %
Residential	100	-	RPP - TOU	\$ 24.96	\$ 31.63	\$ 6.67	26.72%	\$ 28.94	\$ 3.98	15.95%
Residential	210	-	RPP - TOU	\$ 26.63	\$ 32.91	\$ 6.27	23.56%	\$ 30.28	\$ 3.65	13.71%
Residential	250	-	RPP - TOU	\$ 27.24	\$ 33.37	\$ 6.13	22.50%	\$ 30.77	\$ 3.53	12.96%
Residential	500	-	RPP - TOU	\$ 31.04	\$ 36.27	\$ 5.23	16.85%	\$ 33.82	\$ 2.78	8.96%
Residential	750	-	RPP - TOU	\$ 34.84	\$ 39.17	\$ 4.33	12.43%	\$ 36.87	\$ 2.03	5.83%
Residential	1,000	-	RPP - TOU	\$ 38.64	\$ 42.07	\$ 3.43	8.88%	\$ 39.92	\$ 1.28	3.31%
Residential	1,500	-	RPP - TOU	\$ 46.24	\$ 47.87	\$ 1.63	3.53%	\$ 46.02	-\$ 0.22	-0.48%
Residential	2,000	-	RPP - TOU	\$ 53.84	\$ 53.67	-\$ 0.17	-0.32%	\$ 52.12	-\$ 1.72	-3.19%
GS Less Than 50 kW	1,000	-	RPP - TOU	\$ 51.26	\$ 58.12	\$ 6.86	13.38%	\$ 54.42	\$ 3.16	6.16%
GS Less Than 50 kW	2,000	-	RPP - TOU	\$ 74.26	\$ 84.22	\$ 9.96	13.41%	\$ 78.82	\$ 4.56	6.14%
GS Less Than 50 kW	5,000	-	RPP - TOU	\$ 143.26	\$ 162.52	\$ 19.26	13.44%	\$ 152.02	\$ 8.76	6.11%
GS Less Than 50 kW	10,000	-	RPP - TOU	\$ 258.26	\$ 293.02	\$ 34.76	13.46%	\$ 274.02	\$ 15.76	6.10%
GS Less Than 50 kW	15,000	-	Market	\$ 373.26	\$ 423.52	\$ 50.26	13.47%	\$ 396.02	\$ 22.76	6.10%
GS 50 to 4999 kW	20,000	60	Market	\$ 553.15	\$ 624.10	\$ 70.95	12.83%	586.43	\$ 33.28	6.02%
GS 50 to 4999 kW	40,000	100	Market	\$ 820.70	\$ 925.48	\$ 104.78	12.77%	869.85	\$ 49.15	5.99%
GS 50 to 4999 kW	200,000	500	Market	\$ 3,496.18	\$ 3,939.24	\$ 443.06	12.67%	3,704.01	\$ 207.83	5.94%
GS 50 to 4999 kW	400,000	1,000	Market	\$ 6,840.53	\$ 7,706.44	\$ 865.91	12.66%	7,246.71	\$ 406.18	5.94%
Embedded Distributor	433,813	1,160	Market	\$ 7,910.72	\$ 10,222.88	\$ 2,312.16	29.23%	10,035.52	\$ 2,124.80	26.86%
USL	3,500	-	RPP	\$ 95.61	\$ 146.43	\$ 50.82	53.15%	\$ 137.28	\$ 41.67	43.58%
Sentinel Lighting	1,400	5	RPP	\$ 34.60	\$ 39.20	\$ 4.61	13.32%	36.76	\$ 2.16	6.25%
Street Lighting	5,400	15	Market	\$ 166.91	\$ 136.55	-\$ 30.36	-18.19%	130.77	-\$ 36.14	-21.65%