

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

EB-2019-0056

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.74
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

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

Originally Issued - April 16, 2020

Varied - April 28, 2020

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GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	39.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0117
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

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

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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	281.65
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1645
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008

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Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.9048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2861

MONTHLY RATES AND CHARGES - Regulatory Component

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

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LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,692.18
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1555
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2861

MONTHLY RATES AND CHARGES - Regulatory Component

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

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.20
Distribution Volumetric Rate	\$/kWh	0.0054
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

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

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STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.85
Distribution Volumetric Rate	\$/kW	1.8891
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1436
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	2.1903
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134

MONTHLY RATES AND CHARGES - Regulatory Component

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

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STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES

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

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

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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

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

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SPECIFIC SERVICE CHARGES

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00

Non-Payment of Account

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

Other

Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

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RETAIL SERVICE CHARGES (if applicable)

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly fixed charge, per retailer	\$	40.80
Monthly variable charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

LOSS FACTORS

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

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

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NOTES

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

- 1 **Appendix 6 – NOTLH Tariff Sheet - Implemented November 1,**
- 2 **2020 – Decision and Order**
- 3

DECISION AND RATE ORDER

EB-2019-0056

NIAGARA-ON-THE-LAKE HYDRO INC.

Application for rates and other charges to be effective May 1, 2020

By Delegation, Before: Pascale Duguay

April 16, 2020

1 INTRODUCTION AND SUMMARY

Through this Decision and Rate Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Niagara-on-the-Lake Hydro Inc. (Niagara-on-the-Lake Hydro) for new rates effective May 1, 2020.

Niagara-on-the-Lake Hydro serves approximately 9,300 mostly residential and commercial electricity customers in the Town of Niagara-on-the-Lake. The company is seeking the OEB's approval for the rates it charges to distribute electricity to its customers, as is required of licensed 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 [Handbook for Utility Rate Applications](#).

Niagara-on-the-Lake Hydro'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 application in the first year. Mechanistic price cap adjustments, based on inflation and the OEB's assessment of the distributor's efficiency, are typically 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 total bill increase of \$2.12 before taxes and the Ontario Electricity Rebate¹ for a residential customer consuming 750 kWh, effective May 1, 2020.

2 THE PROCESS

This Decision is being issued by delegated authority, without a hearing, under section 6 of the *Ontario Energy Board Act, 1998* (the OEB Act).

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, as a placeholder, information from the distributor's past proceedings and annual reporting requirements.² A distributor will then review and complete the Rate Generator Model, and include it with its application.

¹ O. Reg 363/16, s. 3, effective November 1, 2019

² The Rate Generator Model is a Microsoft Excel workbook that is used to update 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. During the course of an IRM proceeding, the Rate Generator Model may be updated in order to make any necessary corrections, or to incorporate new rate-setting parameters as they become available.

Niagara-on-the-Lake Hydro filed its application on October 8, 2019 under section 78 of the OEB Act and in accordance with the Chapter 3 of the OEB's [Filing Requirements for Incentive Rate-Setting Applications](#) (Filing Requirements) and [Addendum to Filing Requirements for Electricity Distribution Rate Applications](#).

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 OEB staff questions through emails and phone calls and, where required, updated and clarified the evidence.

3 ORGANIZATION OF THE DECISION

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

- Price Cap Adjustment
- Revenue-to-Cost Ratio Adjustments
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts

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

This Decision does not address rates and charges approved by the OEB in previous proceedings, which are not part of the scope of an IRM proceeding (such as specific service charges³ and loss factors). No further approvals are required to continue to include these items on a distributor's Tariff of Rates and Charges.

4 PRICE CAP ADJUSTMENT

Niagara-on-the-Lake Hydro seeks to increase its rates, effective May 1, 2020, based on a mechanistic rate adjustment using the OEB-approved *inflation minus X-factor* formula applicable to Price Cap IR applications.

³ Specific service charges have been amended by the OEB through: the Report of the OEB – "Wireline Pole Attachment Charges", EB-2015-0304, Issued March 22, 2018; and, the Decision and Order on Energy Retail Service Charges EB-2015-0304, Issued on February 14, 2019. Certain Service Charges are subject to annual inflationary adjustments to be determined by the OEB through a generic order. The Decision and Order EB-2019-0280 issued November 28, 2019 for energy retailer service charges, and the cover letter dated November 28, 2019 "Inflation Adjustment for Energy Retailer Service Charges (EB-2019-0280) and Wireline Pole Attachment Charge (EB-2015-0304) for Electricity Distributors", established the adjustments effective January 1, 2020.

The components of the Price Cap IR adjustment formula applicable to Niagara-on-the-Lake Hydro are set out in Table 4.1, below. Inserting these components into the formula results in a 1.70% increase to Niagara-on-the-Lake Hydro's rates: **1.70% = 2.00% - (0.00% + 0.30%)**.

Table 4.1: Price Cap IR Adjustment Formula

Components		Amount
Inflation Factor ⁴		2.00%
X-Factor	Productivity ⁵	0.00%
	Stretch (0.00% – 0.60%) ⁶	0.30%

The inflation factor of 2.00% applies to all Price Cap IR applications for the 2020 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 and Annual IR Index applications for the 2020 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 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

⁴ For the 2020 Inflation Factor, see Ontario Energy Board 2020 Electricity Distribution Rate applications webpage - October 31, 2019.

⁵ Report of the OEB – “Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario’s Electricity Distributors”, EB-2010-0379, Issued November 21, 2013, corrected December 4, 2013

⁶ The stretch factor groupings are based on the Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2018 Benchmarking Update”, prepared by Pacific Economics Group LLC., August 15, 2019.

performance relative to expected levels) to reflect the incremental productivity gains that the distributor is expected to achieve. The stretch factor assigned to Niagara-on-the-Lake Hydro is 0.30%.

Findings

The OEB finds that Niagara-on-the-Lake Hydro's request for a 1.70% rate adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Niagara-on-the-Lake Hydro's new rates shall be effective May 1, 2020.

The adjustment applies to distribution rates (fixed and variable) uniformly across all customer classes.⁷

5 REVENUE-TO-COST RATIO ADJUSTMENTS

A revenue-to-cost ratio measures the relationship between the revenues that a distributor expects to receive from a class of customers and the level of costs allocated to that class. Generally, an increase to the revenue-to-cost ratio of one rate class will result in a decrease to the ratio of one or more of the other rate classes. A distributor may seek to adjust its revenue-to-cost ratios during an IRM term, in accordance with OEB-established target ranges, if the adjustment was approved by the OEB in a previous proceeding.⁸

In this proceeding, Niagara-on-the-Lake Hydro proposes an increase to the revenue-to-cost ratios for the Residential service classification. The additional revenues from these adjustments would be used to reduce the revenue-to-cost ratios for the Street Lighting service classification. These adjustments are to implement a previous decision from the OEB.⁹

Table 5.1, below, outlines the revenue-to-cost ratios for which the applicant seeks approval for the 2020 rate year.

⁷ 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, smart metering entity charge, 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.

⁸ Report of the OEB – “Application of Cost Allocation for Electricity Distributors”, EB-2007-0667, November 28, 2007; and, Report of the Board – “Review of Electricity Distribution Cost Allocation Policy”, EB-2010-0219, March 31, 2011

⁹ EB-2018-0056, Decision and Order, April 11, 2019

Table 5.1: Revenue-to-Cost Ratios

Rate Classification	2019 Ratio (%)	Proposed 2020 Ratio (%)
Residential	91.06	91.57
General Service Less Than 50 kW	109.91	109.91
General Service 50 to 4,999 kW	116.81	116.81
Large Use	100.00	100.00
Unmetered Scattered Load	114.68	114.68
Street Lighting	130.00	120.00

Findings

The OEB agrees that the proposed adjustments for the 2020 rate year are consistent with the OEB's findings in its decision for Niagara-on-the-Lake Hydro's 2019 rates. Niagara-on-the-Lake Hydro's revenue-to-cost ratios are approved, as set out in Table 5.1 above.

6 RETAIL TRANSMISSION SERVICE RATES

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

Niagara-on-the-Lake Hydro is transmission connected and is requesting approval to adjust the RTSRs that it charges its customers to reflect the currently approved rates that it pays for transmission services included in Table 6.1.

Table 6.1: UTRs¹⁰

UTRs (2020)	per kW
Network Service Rate	\$3.92
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.97

Findings

Niagara-on-the-Lake Hydro's proposed adjustment to its RTSRs is approved. The RTSRs were adjusted based on the interim 2020 UTRs, which were incorporated into the rate model to adjust the RTSRs that Niagara-on-the-Lake Hydro will charge its customers.

Any differences resulting from the approval of final 2020 UTRs will be captured in Accounts RSVA – Retail Transmission Network charge 1584 and Retail Transmission Connection charge 1586.

7 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.¹¹ 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.¹² If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2018 actual year-end total balance for Niagara-on-the-Lake Hydro's Group 1 accounts including interest projected to April 30, 2020 is a debit of \$300,641. This amount represents a total debit claim of \$0.0013 per kWh, which exceeds the disposition threshold. Niagara-on-the-Lake Hydro has requested disposition of this debit amount over a one- year period.

¹⁰ EB-2019-0296, Decision and Interim Rate Order, December 19, 2019

¹¹ 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.

¹² Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

a) Global Adjustment Variance Account

One of the components of the commodity costs billed by the Independent Electricity System Operator (IESO), which is included in Group 1 accounts, is the Global Adjustment (GA).¹³

Different customer groups pay the GA in different ways:

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates customers pay. Therefore, there is no separate variance account for the GA.
- "Class A" customers are allocated GA costs based on the percentage their demand contributes to the top five Ontario system peaks. As distributors settle with Class A customers based on actual GA costs, there is no resulting variance.
- "Class B" non-RPP customers are billed GA based on the electricity they consume in a month at the IESO published GA price. Distributors track any difference between the billed amounts and actual costs for these customers in the GA Variance Account for disposal, once audited.

Under the general principle of cost causality, customer groups that cause variances which are recorded in Group 1 accounts should be responsible for paying (or receiving credits) for their disposal. A customer's movement from one group to another should not prevent that customer from paying/receiving a debit/credit balance.

Niagara-on-the-Lake Hydro proposes the recovery of its GA variance account balance of \$218,596 as at December 31, 2018, including interest to April 30, 2020, in accordance with the following table.

¹³ The GA is established monthly by the IESO to reflect the difference between the wholesale market price for electricity and regulated rates for:

- Ontario Power Generation's nuclear and hydroelectric generating stations
- payments for building or refurbishing infrastructure such as gas-fired and renewable facilities and other nuclear
- contracted rates paid to a number of generators across the province
- the cost of delivering conservation programs

Table 7.1: Recovery of GA Variance

Proposed Amounts	Proposed Method for Recovery
\$190,842 recovered from customers who were Class B for the entire period from January 2018 to December 2018	per kWh rate rider
\$20,886 recovered from customers formerly in Class B during the period January 2018 to June 2018 who were reclassified to Class A	12 equal installments ¹⁴
\$6,869 recovered from customers formerly in Class A during the period January 2018 to June 2018 who were reclassified to Class B	12 equal installments ¹⁵

b) Capacity Based Recovery Class B Sub-account

The balance of the Group 1 accounts includes the Capacity Based Recovery (CBR) sub-account for Class B customers of \$6,804, relating to the IESO's wholesale energy market for the CBR program. Niagara-on-the-Lake Hydro had Class A customers during the period from January 2018 to December 2018 but the CBR Class B rate riders calculated rounded to zero at the fourth decimal place in one or more of the rate classes. In this event, the entire Account 1580 sub-account CBR Class B is added to the Account 1580 – Wholesale Market Service Charge control account to be disposed through the general purpose Group 1 Deferral and Variance Account.

c) Group 1 Accounts

The Group 1 accounts being sought for disposition (excluding global adjustment) include the following flow through variance accounts: Smart Meter Entity Charges, Wholesale Market Service Charges, Retail Transmission Service Charges, and Commodity Power Charges. These Group 1 accounts have a total debit balance of \$82,045, which results in a charge to customers. This balance combined with the balance for the global adjustment account results in the total debit balance for Group 1 accounts of \$300,641.

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.¹⁶ Niagara-on-the-

¹⁴ 2020 IRM Rate Generator Model, Tab 6.1a "GA Allocation"

¹⁵ *Ibid.*

¹⁶ Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016

Lake Hydro further submits that its proposal for a one-year disposition period is in accordance with the OEB's policy.¹⁷

In 2018, the OEB suspended its approvals of Group 1 rate riders on a final basis pending the development of further accounting guidance on commodity pass-through variance accounts.¹⁸ The OEB issued accounting guidance¹⁹ on the commodity accounts on February 21, 2019. In this letter, the OEB indicated that it expects distributors to consider the accounting guidance in the context of historical balances that have not yet been disposed on a final basis. Distributors are expected to make any adjustments needed prior to filing for final disposition.

In its 2019 rate application, Niagara-on-the-Lake Hydro received approval to dispose of 2017 Group 1 balances on an interim basis. Niagara-on-the-Lake Hydro has reviewed the 2017 balances and the 2018 balances in the context of the new accounting guidance and stated that it is confident that there are no systemic issues in its RPP settlement and related accounting processes. As a result, Niagara-on-the-Lake Hydro has requested final disposition of its 2017 and 2018 balances.

Niagara-on-the-Lake Hydro indicated that it has implemented the new accounting guidance for the July 2019 settlement with the IESO and has true-up amounts in Account 1588 RSVA - Power and Account 1589 RSVA - Global Adjustment consistent with the new accounting guidance, retroactive to January 1, 2019.²⁰

The new accounting guidance uses "Approach A" to record journal entries related to IESO charge types 148 and 1142/142. Niagara-on-the-Lake Hydro stated it is using "Approach B" to record the journal entries. Niagara-on-the-Lake Hydro confirmed that while the end result is the same under both approaches, "Approach B" provides the best estimates and, therefore, reduces the magnitude of the true-ups required.²¹

Findings

The OEB approves the disposition of a debit balance of \$300,641 as of December 31, 2018, including interest projected to April 30, 2020 for Group 1 accounts on a final basis.

¹⁷ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

¹⁸ OEB letter to all rate-regulated licensed electricity distributors – "Re: OEB's Plan to Standardize Processes to Improve Accuracy of Commodity Pass-Through Variance Accounts", July 20, 2018

¹⁹ Accounting Procedures Handbook Update – Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, February 21, 2019

²⁰ OEB Staff Follow-Up Question #7, December 9, 2019

²¹ OEB Staff Question #4, and OEB Staff Follow-Up Question #1, December 9, 2019

The OEB notes that Niagara-on-the-Lake Hydro has used “Approach B” to record journal entries relate to IESO charge type 148 and 1142/142 instead of “Approach A”, noting that “Approach B” provides the best estimates. The OEB is of the view that the use of Approach A and B should yield the same results for Accounts 1588 RSVA - Power and Account 1589 RSVA – Global Adjustment. In the past, the OEB has noted the importance of standardizing the accounting procedures related to Account 1588 RSVA – Power and Account 1589 RSVA – Global Adjustment.²² Therefore, the OEB directs that, going forward, Niagara-on-the-Lake Hydro use “Approach A” to record balances in the two commodity accounts. Niagara-on-the-Lake Hydro may wish to contact OEB staff for feedback on using “Approach A”.

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

Table 7.2: Group 1 Deferral and Variance Account Balances

Account Name	Account Number	Principal Balance (\$)	Interest Balance (\$)	Total Claim (\$)
		A	B	C=A+B
Smart Meter Entity Variance Charge	1551	(9,565)	(393)	(9,958)
RSVA - Wholesale Market Service Charge	1580	(26,236)	(559)	(26,795)
Variance WMS - Sub-account CBR Class B	1580	(6,540)	(264)	(6,804)
RSVA - Retail Transmission Network Charge	1584	80,771	3,690	84,461
RSVA - Retail Transmission Connection Charge	1586	16,183	1,068	17,251
RSVA - Power	1588	16,421	7,468	23,889
RSVA - Global Adjustment	1589	214,451	4,145	218,596
Totals for all Group 1 accounts		285,485	15,155	300,641

²² July 20, 2018 letter *OEB’s Plan to Standardize Processes to Improve Accuracy of Commodity Pass-Through Variance Accounts* and February 21, 2019 letter *Accounting Guidance related to Accounts 1588 RSVA Power, and 1589 RSVA Global Adjustment*

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*.²³ 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. Niagara-on-the-Lake Hydro shall ensure these adjustments are included in the reporting period ending June 30, 2020 (Quarter 2).

The OEB approves these balances to be disposed through final rate riders and charges as calculated in the Rate Generator Model. The final rate riders and charges will be in effect over a one-year period from May 1, 2020 to April 30, 2021.²⁴

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 Niagara-on-the-Lake Hydro's last cost of service decision, and to ensure that the 2019 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2018, are as reported by Niagara-on-the-Lake Hydro 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)	\$0.0005
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0030
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

²³ Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

²⁴ 2020 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a GA Allocation and Tab 7 Calculation of Def-Var RR

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, WMS and CBR rates were set by the OEB on December 17, 2019.²⁵

The Smart Metering Entity Charge is a component of the “Distribution Charge” on a customer’s bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set by the OEB on March 1, 2018.²⁶

THE ONTARIO ENERGY BOARD ORDERS THAT:

1. Subject to paragraph 2, the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective May 1, 2020 for electricity consumed or estimated to have been consumed on and after such date.
2. In light of the COVID-19 emergency, the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved to be implemented November 1, 2020 if Niagara-on-the-Lake Hydro Inc. notifies the OEB under paragraph 4 that it is electing to postpone the implementation of its new rates until November 1, 2020.
3. Any temporarily forgone distribution revenue associated with the postponement referred to in paragraph 2 may be tracked in Account 1509 - Impacts Arising from the COVID-19 Emergency, Sub-account Lost Revenues.
4. Niagara-on-the-Lake Hydro Inc. shall, on or before April 23, 2020, file a letter with the OEB indicating whether it intends to postpone the implementation of the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order.
5. If Niagara-on-the-Lake Hydro Inc. elects not to postpone the implementation of the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order, it shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new final rates.

All materials filed with the OEB must quote the file number, **EB-2019-0056**, be made in a searchable/unrestricted PDF format and sent electronically through the OEB’s web portal at <https://pes.ontarioenergyboard.ca/eservice>. Filings must clearly state the sender’s name, postal address and telephone number, fax number and email address. Parties must use the document naming conventions and document submission

²⁵ EB-2019-0278, Decision and Order, December 17, 2019

²⁶ EB-2017-0290, Decision and Order, March 1, 2018

standards outlined in the RESS Document Guideline found at <https://www.oeb.ca/industry>. If the web portal is not available parties may email their documents to boardsec@oeb.ca.

NOTE: The OEB is temporarily waiving the paper copy filing requirement until further notice. All communications should be directed to the attention of the Board Secretary and be received no later than 4:45 p.m. on the required date.

DATED at Toronto, April 16, 2020

ONTARIO ENERGY BOARD

Original Signed By

Christine E. Long
Registrar and Board Secretary

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2019-0056

DATED: April 16, 2020

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

EB-2019-0056

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	29.41
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

EB-2019-0056

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	40.08
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0119
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

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

Niagara-on-the-Lake Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	286.44
Distribution Volumetric Rate	\$/kW	2.3975
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1645
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008

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

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.9048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2861

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,754.95
Distribution Volumetric Rate	\$/kW	2.3975
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1555
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2861

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.56
Distribution Volumetric Rate	\$/kWh	0.0055
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.32
Distribution Volumetric Rate	\$/kW	1.7615
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1436
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	2.1903
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES

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

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

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

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

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

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00

Non-Payment of Account

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

Other

Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

Niagara-on-the-Lake Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2019-0056

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly fixed charge, per retailer	\$	40.80
Monthly variable charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

LOSS FACTORS

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

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

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

NOTES

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

- 1 **Appendix 7 – NOTLH 2019 Cost of Service EB-2018-0056 - Final**
- 2 **Rate Order**
- 3



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

FINAL RATE ORDER

EB-2018-0056

NIAGARA-ON-THE-LAKE HYDRO INC.

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

BEFORE: Michael Janigan
Presiding Member

May 23, 2019

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1 INTRODUCTION AND SUMMARY

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

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

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

2 THE PROCESS

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

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

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

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

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

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

3 RATE ORDER

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

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

4 IMPLEMENTATION

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

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

5 ORDER

THE ONTARIO ENERGY BOARD ORDERS THAT:

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

DATED at Toronto **May 23, 2019**

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli
Board Secretary

SCHEDULE A: TARIFF OF RATES AND CHARGES

RATE ORDER

NIAGARA-ON-THE-LAKE HYDRO INC.

EB-2018-0056

MAY 23, 2019

Niagara-on-the-Lake Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2018-0056

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

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STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES

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

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

Niagara-on-the-Lake Hydro Inc.
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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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

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

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SPECIFIC SERVICE CHARGES

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.

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00

Non-Payment of Account (see Note below)

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

Other

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

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

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RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

LOSS FACTORS

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

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

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NOTES

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

1 **Appendix 8 – NOTLH Detail CDM Savings**

2

Board Name: 88 LDC Application and Facility
 Reported On: Feb. 16, 2022 2:27PM
 Filter Selection: 88 D Reporting Period Year: 2018, 2019, 2020

LDC Application ID	Facility Name	Program Name	P. #	YEAR TO REPORT	Total Revenue (\$)	Total Demand (\$/kW)	Energy (\$/MWh)	Payment Status	Account Type	2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030					
										1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year	1st Year	2nd Year
000001	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2018	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000002	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2019	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000003	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2020	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000004	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2021	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000005	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2022	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000006	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2023	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000007	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2024	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000008	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2025	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000009	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2026	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000010	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2027	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000011	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2028	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000012	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2029	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
000013	WIND ENERGY CONSERVATION	WIND ENERGY RETROFIT PROGRAM	0001	2030	15,000.00	0.00	0.0000	PAID	GG-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)										Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027

184,626	185,164	185,164	185,164	185,164	181,599	181,599	181,599	181,549	181,499
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31.7117	31.7962	31.7962	31.7962	31.7962	31.2889	31.2889	31.2889	31.2889	31.2889
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RETROFIT 2018

TOTAL	1,296,142.71	1,299,917.55	1,299,917.55	1,299,917.55	1,299,917.55	1,274,893.89	1,274,893.89	1,274,893.89	1,274,543.02	1,274,192.23
<50	205,587.02	206,185.76	206,185.76	206,185.76	206,185.76	202,216.65	202,216.65	202,216.65	202,160.99	202,105.35
>50	1,090,555.69	1,093,731.79	1,093,731.79	1,093,731.79	1,093,731.79	1,072,677.24	1,072,677.24	1,072,677.24	1,072,382.02	1,072,086.88

84.139% Over 50 %
15.861% Less 50 %

308.69	309.51	309.51	309.51	309.51	304.57	304.57	304.57	304.57	304.57
60.07	60.23	60.23	60.23	60.23	59.27	59.27	59.27	59.27	59.27
248.62	249.28	249.28	249.28	249.28	245.30	245.30	245.30	245.30	245.30

SBL 2018

TOTAL	56,348.35	56,348.35	56,304.98	56,057.37	55,608.34	52,486.55	45,777.96	38,745.27	23,366.63	11,989.44
<50	54,714.24	54,714.24	54,672.13	54,431.70	53,995.69	50,964.43	44,450.39	37,621.65	22,688.99	11,641.74
>50	1,634.11	1,634.11	1,632.85	1,625.67	1,612.65	1,522.12	1,327.57	1,123.62	677.64	347.70

2.900% Over 50 %
97.100% Less 50 %

13.15	13.15	13.15	13.07	13.07	12.62	11.65	10.16	6.42	3.44
12.58	12.58	12.58	12.51	12.51	12.08	11.15	9.72	6.15	3.29
0.56	0.56	0.56	0.56	0.56	0.54	0.50	0.43	0.27	0.15

HPNC 2019

TOTAL	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70
<50	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73
>50	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97

79.926% Over 50 %
20.074% Less 50 %

15.76	15.76	15.76	15.76	15.76	15.76	15.76	15.76	15.76	15.76
1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
14.17	14.17	14.17	14.17	14.17	14.17	14.17	14.17	14.17	14.17

RETROFIT 2019

TOTAL	184,625.81	185,163.51	185,163.51	185,163.51	185,163.51	181,599.08	181,599.08	181,599.08	181,549.10	181,499.13
<50	24,950.32	25,022.99	25,022.99	25,022.99	25,022.99	24,541.29	24,541.29	24,541.29	24,534.54	24,527.78
>50	159,675.49	160,140.52	160,140.52	160,140.52	160,140.52	157,057.79	157,057.79	157,057.79	157,014.56	156,971.35

86.486% Over 50 %
13.514% Less 50 %

31.71	31.80	31.80	31.80	31.80	31.29	31.29	31.29	31.29	31.29
6.50	6.52	6.52	6.52	6.52	6.42	6.42	6.42	6.42	6.42
25.21	25.27	25.27	25.27	25.27	24.87	24.87	24.87	24.87	24.87

PROGRAM	kW			kWh		
	NTG	Realization Rate	Adjustment Factor	NTG	Realization Rate	Adjustment Factor
SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PROGRAM	0.8300	0.6700	0.5561	0.8300	0.8700	0.7221
SAVE ON ENERGY HEATING AND COOLING PROGRAM	0.7900	0.7100	0.5609	0.7800	1.0900	0.8502
SAVE ON ENERGY HIGH PERFORMANCE NEW CONSTRUCTION PROGRAM	0.5600	1.1300	0.6328	0.5700	1.1400	0.6498
SAVE ON ENERGY HOME ASSISTANCE PROGRAM	1.0000	0.1700	0.1700	1.0000	0.7000	0.7000
SAVE ON ENERGY RETROFIT PROGRAM	1.1200	1.1000	1.2320	0.9000	1.0200	0.9180
SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	0.8300	0.6700	0.5561	0.8300	0.8700	0.7221
AVERAGE	0.8600	0.7560	0.6304	0.8160	0.9640	0.7680

Verified Results not available. Most similar program is Small Business Lighting.

Taken from 2017 Final Verified Results. Available as an attachment.

Taken from 2017 Final Verified Results. Available as an attachment.

PERSISTENCE - kWh	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Adjustment Factor									
											Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Save on Energy Heating & Cooling Program	87201	87201	87201	87201	87201	87201	87201	87201	87201	87201	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Home Assistance Program	10395	10395	10395	10395	10395	10395	10395	10395	10395	10395	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Retrofit Program	2002149	2007980	2007980	2007980	2007980	1969326	1969326	1969326	1968784	1968784	1.00000	1.00291	1.00000	1.00000	1.00000	0.98075	1.00000	1.00000	0.99972	1.00000
Save on Energy Small Business Lighting Program	719798	719798	719244	716081	710345	670467	584771	494935	298487	153154	1.00000	1.00000	0.99923	0.99560	0.99199	0.94386	0.87218	0.84637	0.60308	0.51310
Save on Energy High Performance New Construction Program	93636	93636	93636	93636	93636	93636	93636	93636	93636	93636	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TOTAL																				

PERSISTENCE - kW	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Adjustment Factor									
											Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Save on Energy Heating & Cooling Program	24	24	24	24	24	24	24	24	24	24	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Home Assistance Program	1	1	1	1	1	1	1	1	1	1	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Retrofit Program	375	376	376	376	376	370	370	370	370	370	1.00000	1.00267	1.00000	1.00000	1.00000	0.98404	1.00000	1.00000	1.00000	1.00000
Save on Energy Small Business Lighting Program	176	176	176	175	175	169	156	136	86	46	1.00000	1.00000	1.00000	0.99432	1.00000	0.96571	0.92308	0.87179	0.63235	0.53488
Save on Energy High Performance New Construction Program	18	18	18	18	18	18	18	18	18	18	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TOTAL																				

INSTANT DISCOUNT PROGRAM **NOTE - DEMAND figures not provided by the IESO**

Taken from Participation and Cost Report - April 2019

New Savings in 2018 247540 kWh
 New Savings in 2019 0 kWh
 Persistence to 2020 245505 kWh

Using the Coupon program which has a lower persistence value to be consistent.

COUPON PROGRAM - 2017 Verified Results				Persistence												Adjustments by Year											
Item	Net to Gross	Realization Rate	Adjustment Factor	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026				
kWh Energy	1.29	2.74	3.5346	479,095	385,552	385,552	385,552	385,552	385,552	385,552	385,548	385,548	384,600	1.00	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
kW Demand	1.3	2.75	3.575	33	27	27	27	27	27	27	27	27	27	1.00	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				

INSTANT SAVINGS - Program Review (see 2018 Residential Programs Evaluation Report INSTANT SAVING.pdf, page 12)				Persistence is Not provided - Using COUPON PROGRAM as template.											
Item	Net to Gross	Realization Rate	Adjustment Factor	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		
kWh Energy	1.333	0.881	1.174373	1.0000	0.8048	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9975		
kW Demand	1.333	0.881	1.174373	1.0000	0.8182	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		

Instant Savings 2018 Entry	Net Energy Savings (kWh)	Net Energy Savings Persistence (KWh)										
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
	247,540	199,208	199,208	199,208	199,208	199,208	199,208	199,208	199,206	199,206	198,716	

1 **Appendix 9 – 2017 Final Verified Annual LDC CDM Program**

2 **Results_Niagara-on-the-Lake Hydro Inc._Report_20180629**

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