

**Ontario Energy
Board**

**Commission de l'énergie
de l'Ontario**



EB-2015-0063

IN THE MATTER OF AN APPLICATION BY

Cooperative Hydro Embrun Inc.

FOR APPROVAL OF DISTRIBUTION RATES FOR 2016

DECISION AND RATE ORDER

[Date]

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IN THE MATTER OF the *Ontario Energy Board Act, 1998*,
S.O. 1998, c. 15, (Schedule B);

AND IN THE MATTER OF an application by Cooperative
Hydro Embrun Inc. for an order approving just and
reasonable rates and other charges for electricity
distribution to be effective January 1, 2016.

By Delegation, Before: Lynne Anderson

DECISION AND RATE ORDER

[Date]

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1.0 Introduction and Summary

Cooperative Hydro Embrun Inc. (Cooperative Hydro Embrun) serves about 2,000 mostly residential and commercial electricity customers in the Town of Embrun. As a licenced and rate-regulated distributor in Ontario, the company must receive the Ontario Energy Board's approval for the rates it charges to distribute electricity to its customers.

Cooperative Hydro Embrun filed an application with the OEB on August 14, 2015, to seek approval for changes to its distribution rates to be effective January 1, 2016. The OEB has established three different rate-setting methods for distributors. Cooperative Hydro Embrun selected the Price Cap Incentive rate-setting (Price Cap IR) plan option to adjust its distribution rates. The Price Cap IR method has a five year term. In the first year, rates are set through a cost of service rebasing application. Cooperative Hydro Embrun last appeared before the OEB with a cost of service application for 2014 in the EB-2013-0122 proceeding. In the other four years, there is a mechanistic adjustment to rates based on inflation and the OEB's assessment of a distributor's efficiency.

This is the OEB's Decision with respect to Cooperative Hydro Embrun's application. The following issues are addressed in this Decision and Rate Order.

- Price Cap Index Adjustment
- Regulatory Charges
- Retail Transmission Service Rates
- Review and Disposition of Group 1 Deferral and Variance Accounts
- Residential Rate Design
- Implementation and Order

In accordance with the OEB-approved parameters for inflation and productivity for 2016, Cooperative Hydro Embrun applied for a rate increase of 1.95%. The 1.95% applies to distribution rates (fixed and variable charges) uniformly across all customer classes; it does not apply to the rates and charges listed in Appendix B.

Cooperative Hydro Embrun also applied to change the composition of its distribution service rates. Currently, residential distribution rates include a fixed monthly charge and a variable usage charge. However, the OEB issued a new policy to change residential rates to a fully fixed rate structure, transitioning over a four-year period beginning in 2016¹. Accordingly, the proposed fixed monthly charge for 2016 has been adjusted in this Decision to be higher than it was in 2015 and the variable-usage rate is commensurately lower. The amount of revenue the distributor is expected to collect

¹ Board Policy: A New Distribution Rate Design for Residential Electricity Customers, EB-2012-0410, April 2, 2015

from residential customers will not be affected, only the proportion of revenue collected through variable and fixed charges.

The proposed rate adjustments to Cooperative Hydro Embrun's application arising from this Decision result in a monthly increase of \$1.57 for a residential customer consuming 800 kWh. Government policy initiatives that remove the Debt Retirement Charge and the Ontario Clean Energy Benefit from residential electricity bills, effective January 1, 2016, will impact the total bill as well.

I approve the adjustments to Cooperative Hydro Embrun's application as calculated through this proceeding.

2.0 The Process

The OEB follows a standard, streamlined process for incentive rate-setting (IR) applications under a Price Cap IR plan.

Initially, the OEB prepares a rate model that includes information from past proceedings and annual reporting requirements. A distributor then reviews and updates the model to include with its application.

In this case, Cooperative Hydro Embrun provided written evidence and a completed rate model to support its application on August 14, 2015. Questions were asked and answers were provided by Cooperative Hydro Embrun through emails and phone calls. Based on this information, a decision was drafted and provided to Cooperative Hydro Embrun on November 17, 2015. Cooperative Hydro Embrun was given the opportunity to provide its comments on the draft for consideration prior to finalizing the Decision.

3.0 Organization of the Decision

The OEB has organized this Decision into sections, reflecting the issues that the OEB has considered in making its findings². Each section covers the OEB's reasons for approving or denying the proposals included in the application and affecting 2016 rates. The last section addresses the steps to be taken by Cooperative Hydro Embrun and OEB staff in order to implement the final rates that flow from this Decision.

² See list of issues in the Introduction, p.1

4.0 Price Cap Incentive Rate-setting

The Price Cap IR adjustment follows an OEB-approved formula that includes components for inflation and the OEB's expectations of efficiency and productivity gains³. The components in the formula are also approved by the OEB annually.

The formula is an *inflation minus X-factor* rate adjustment, which is intended to incent innovation and efficiency. Based on its established formula⁴, the OEB has set the inflation factor for 2016 rates at 2.1%.

The X-factors for individual distributors have two parts: a productivity element based on historical analysis of industry cost performance and a stretch factor that represents a distributor's efficiency relative to its expected costs. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors an incentive to improve efficiency or else face the prospect of declining net income.

Based on industry conditions over the historical study period, the productivity factor has been set at zero percent. A stretch factor is assigned based on the distributor's total cost performance as benchmarked relative to other distributors in Ontario. For Price Cap IR applications, a range of stretch factors has been set from 0.0% to 0.6%⁵. The most efficient distributor, based on the cost evaluation ranking, would be assigned the lowest stretch factor of 0.0%. Higher stretch factors are applied to distributors whose cost performance falls below that of comparable distributors to encourage them to pursue greater efficiencies.

Findings

In this case, the OEB assigned Cooperative Hydro Embrun a stretch factor of 0.15% based on the updated benchmarking study for use for rates effective in 2016⁶. As a result, the net price cap index adjustment for Cooperative Hydro Embrun is 1.95% (i.e. $2.1\% - (0\% + 0.15\%)$).

The 1.95% adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes; it does not apply to the rates and charges listed in Appendix B.

³ Report on Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors (December 4, 2013)

⁴ As outlined in the Report cited at footnote 3 above.

⁵ Report to the Ontario Energy Board – "Empirical Research in Support of Incentive Rate-Setting: 2014 Benchmarking Update." Pacific Economics Group LLC. July, 2015.

⁶ As outlined in the Report cited at footnote 5 above.

5.0 Regulatory Charges

There are a number of charges levied to consumers to cover the costs associated with various programs and wholesale market services.

The Rural or Remote Electricity Rate Protection (RRRP) program is designed to provide financial assistance to eligible customers located in rural or remote areas where the costs of providing electricity service to these customers greatly exceeds the costs of providing electricity to customers located elsewhere in the province of Ontario. The RRRP program cost is recovered from all electricity customers in the province through a charge that is reviewed annually and approved by the OEB.

Wholesale market service (WMS) charges recover the cost of the services provided by the Independent Electricity System Operator (IESO) to operate the electricity system and administer the wholesale market. These charges may include costs associated with: operating reserve, system congestion and imports, and losses on the IESO-controlled grid. Individual electricity distributors recover the WMS charges from their customers through the WMS rate.

The Ontario Electricity Support Program (OESP) is a new regulatory charge that will be initiated in 2016. This program delivers on-bill rate assistance to low income electricity customers. All Ontario customers contribute to the OESP through the OESP charge.

These regulatory charges are established annually by the OEB through a separate order.

Findings

As of the date of this Decision and Rate Order, the OEB has not yet issued an order on the RRRP, WMS or OESP charges for 2016. The Tariff of Rates and Charges flowing from this Decision will reflect the currently-approved charges. When new charges are established for 2016, the OEB will issue a rate order, which will apply to Cooperative Hydro Embrun's 2016 rates.

6.0 Retail Transmission Service Rates

Electricity distributors use Retail Transmission Service Rates (RTSRs) to pass along the cost of transmission service to their distribution customers. The RTSRs are adjusted annually to reflect the application of the current Uniform Transmission Rates ("UTR") to historical transmission deliveries and the revenues generated under existing RTSRs. The UTRs are established annually by a separate OEB order. Similarly, embedded

distributors, such as Cooperative Hydro Embrun, must adjust their RTSRs to reflect any changes to the applicable RTSRs of their host distributor, which in this case is Hydro One Networks Inc. Distributors may apply to the OEB annually to approve the proposed UTRs and RTSRs they will charge their customers.

Findings

Distributors whose rates are set as of January 1 typically calculate their RTSRs using the previous year's UTRs as the updates are not yet available. In this case, the OEB has not yet adjusted UTRs and Hydro One sub-transmission class rates for 2016. I will therefore approve the RTSRs as adjusted in this Application to reflect the current applicable rates. The differences arising from the new 2016 rates, once approved, will be captured in Accounts 1584 and 1586 for future disposition.

7.0 Review and Disposition of Group 1 Deferral and Variance Account Balances

Group 1 Deferral and Variance Accounts track the differences between the costs that a distributor is billed for certain IESO and host distributor costs (including the cost of power) and the revenues that the distributor receives from its customers for these costs through its OEB-approved rates. The total net difference between these costs and revenues is disposed to customers through a temporary charge or credit known as a rate rider.

The OEB's policy on deferral and variance accounts⁷ provides that, during the incentive rate-setting (IRM) plan term, the distributor's Group 1 account balances will be reviewed and disposed if the pre-set disposition threshold of \$0.001 per kWh, whether in the form of a debit or credit, is exceeded. It is the distributor's responsibility to justify why any account balance in excess of the threshold should not be disposed. If the balances are below this threshold, the distributor may propose to dispose of balances.

Cooperative Hydro Embrun's 2014 actual year-end total balance for Group 1 accounts including interest projected to December 31, 2015 is a debit of \$114,027. This amount results in a total debit claim of \$0.0040 per kWh, which exceeds the preset disposition threshold. Cooperative Hydro Embrun proposes to dispose of this debit amount over a one-year period.

OEB staff liaised with Cooperative Hydro Embrun to understand the entries in its initially filed rate model. OEB staff noted that there is a debit transaction in 2014 in account

⁷ Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (July 31, 2009)

1595 (2012) in the amount of \$110,963 (with associated interest in a credit amount of \$9,889). Account 1595 records the difference between the amount approved by the OEB for disposition and the amount collected from customers. The OEB-approved amount to be disposed in 2012 rates was a credit balance of \$77,068. Cooperative Hydro Embrun has not provided an explanation for why the balance in Account 1595 (2012) to record residual amounts exceeds the total amount approved by the OEB for disposition.

Cooperative Hydro Embrun amended some minor discrepancies in the continuity schedule that OEB staff noted. OEB staff confirmed that all other balances proposed for disposition are the same as the amounts reported as part of the OEB's *Reporting and Record-Keeping Requirements* (RRR).

Findings

Given the absence of explanation for the balance in Account 1595 (2012) I will not dispose of this balance at this time. The OEB's Audit and Performance Assessment unit will conduct an audit of Account 1595 for Cooperative Hydro Embrun in 2016.

Disposition of the account will be considered in the next rate application following the audit. With the removal of Account 1595 (2012), the remaining Group 1 balances total only \$11,630, which does not exceed the preset disposition threshold. As a result, I find that no Group 1 balances will be disposed at this time.

8.0 Residential Rate Design

Currently, all residential distribution rates include a fixed monthly charge and a variable usage charge. The OEB's April 2, 2015 policy on electricity distribution rate design set out that distribution rates for residential customers will transition to a fully fixed rate structure from the current combination of fixed and variable charges over four years. Starting in 2016, the fixed rate will increase gradually, and the usage rate will decline.

The 2016 rate model has been revised to include the first year of the gradual transition to fully fixed rates and its impact to the monthly fixed charge that residential customers will pay. The OEB is requiring distributors to calculate and report on the rate impacts of the change so that strategies may be employed to smooth the transition for the customers most impacted, such as those that consume less electricity, if mitigation is required. In support of this, the OEB requires distributors to calculate the impact of this change to residential customers in general; it also requires applicants to calculate the combined impact of the fixed rate increase and any other changes in the cost of

distribution service for those customers who are at the 10th percentile of overall consumption. Any increase of 10% or greater to these low-consumption customers' bills arising from changes made in this Decision, or an increase to the monthly fixed charge of greater than \$4 prior to incentive rate-setting adjustments, may result in the requirement for a longer transition period than four years specified in the OEB policy. Distributors may also propose other strategies to smooth out these increases as appropriate.

Adjustments to Cooperative Hydro Embrun's rate model to implement the change in fixed rates results in an increase to the fixed charge prior to IRM adjustments of \$3.13; OEB staff have calculated the bill impacts of this Decision, including the fixed rate change, to be below 10% for typical low consumption customers.

Findings

I find that the increases to the monthly fixed charge and to low consumption consumers are consistent with OEB policy and approve the increase as calculated in the final rate model.

9.0 Implementation and Order

Rate Model

With this Decision and Rate Order are a rate model, applicable supporting models and a Tariff of Rates and Charges (Appendix A). Entries in the rate model(s) were reviewed to ensure that they were in accordance with Cooperative Hydro Embrun's EB-2013-0122 cost of service decision, the 2015 OEB-approved Tariff of Rates and Charges as well as the cost, revenue and consumption results from 2014 as reported by Cooperative Hydro Embrun to the OEB. The rate model was adjusted, where applicable, to correct any discrepancies.

THE ONTARIO ENERGY BOARD ORDERS THAT

1. The Tariff of Rates and Charges set out in Appendix A of this Decision and Rate Order is approved effective January 1, 2016 for electricity consumed or estimated to have been consumed on and after such date. Cooperative Hydro Embrun Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

ADDRESS

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

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

DATED at Toronto, [Date]

ONTARIO ENERGY BOARD

Kirsten Walli
Board Secretary

Appendix A

To Decision and Rate Order

Tariff of Rates and Charges

Board File No: EB-2015-0063

[DATED]

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2015-0063

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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. All customers are single-phase. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.25
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0106
Low Voltage Service Rate	\$/kWh	0.0018
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016
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EB-2015-0063

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential 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. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.57
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0145
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016
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EB-2015-0063

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	195.73
Distribution Volumetric Rate	\$/kW	3.6268
Low Voltage Service Rate	\$/kW	0.5928
Retail Transmission Rate - Network Service Rate	\$/kW	2.5213
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8644

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
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EB-2015-0063

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. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	20.77
Distribution Volumetric Rate	\$/kWh	0.0054
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
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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, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.95
Distribution Volumetric Rate	\$/kW	7.9359
Low Voltage Service Rate	\$/kW	0.4583
Retail Transmission Rate - Network Service Rate	\$/kW	1.9016
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4413

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016
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EB-2015-0063

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

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

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
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SPECIFIC SERVICE CHARGES

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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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Credit check (plus credit agency costs)	\$	25.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	50.00
Disconnect/Reconnect Charge - At Meter - During Regular Hours	\$	25.00
Disconnect/Reconnect Charge - At Meter - After Hours	\$	50.00
Disconnect/Reconnect Charge - At Meter - During Regular Hours	\$	185.00
Disconnect/Reconnect Charge - At Pole - After Hours	\$	415.00
Install/Remove load control device - during regular hours	\$	25.00
Install/Remove load control device - after regular hours	\$	50.00

Other

Special meter reads	\$	20.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service - Installation and Removal - Overhead - No Transformer	\$	500.00
Temporary service - Installation and Removal - Underground - No Transformer	\$	300.00
Temporary service - Installation and Removal - Overhead - With Transformer	\$	1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

Cooperative Hydro Embrun Inc.
TARIFF OF RATES AND CHARGES
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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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

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

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0663
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0555

Appendix B

To Decision and Rate Order

**List of Rates and Charges Not Affected by the Price Cap or Annual IR
Index**

OEB File No: EB-2015-0063

[DATED]

The following rates and charges are not affected by the Price Cap or Annual IR Index:

- Rate riders
- Rate adders
- Low voltage service charges
- Retail transmission service rates
- Wholesale market service rate
- Rural or remote electricity rate protection charge
- Standard supply service – administrative charge
- Transformation and primary metering allowances
- Loss factors
- Specific service charges
- microFit charge
- Retail service charges