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

DECISION AND RATE ORDER

EB-2017-0040

FESTIVAL HYDRO INC.

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

By Delegation, Before: Pascale Duguay

December 14, 2017

1 INTRODUCTION AND SUMMARY

Through this Decision and Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Festival Hydro Inc. (Festival Hydro) on August 11, 2017, as amended during the course of the proceeding.

Festival Hydro serves about 20,000 mostly residential and commercial electricity customers in the City of Stratford, and the surrounding towns of St. Marys, Seaforth, Brussels, Dashwood, Hensall and Zurich. The company is seeking the OEB's approval for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario.

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

Festival 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 (COS or rebasing) application in the first year. Mechanistic price cap adjustments, based on inflation and the OEB's assessment of the distributor's efficiency, are then approved through IRM applications in each of the ensuing four (adjustment) years.

As a result of the OEB's findings in this Decision, there will be a monthly bill decrease of \$0.02 for a residential customer consuming 750 kWh, effective January 1, 2018.

Festival Hydro has also applied to change the composition of its distribution service rates. Residential distribution service rates currently include a fixed monthly charge and a variable usage charge. In 2015, the OEB issued a policy to transition these rates to a fully fixed structure over a four-year period beginning in 2016. Accordingly, the fixed monthly charge for 2018 has once again been adjusted upward in this Decision by more than the mechanistic price cap adjustment alone. The variable usage rate is commensurately lower. This policy change does not affect the total revenue that distributors collect from residential customers.

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

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

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

Festival Hydro filed its application on August 11, 2017, under section 78 of the OEB Act and in accordance with the Filing Requirements. Festival Hydro supported its application with written evidence and a completed rate model. Questions were asked of, and answers were provided by, Festival Hydro through emails and phone calls with the OEB. Based on this information, a decision was drafted and provided to Festival Hydro on December 1, 2017. Festival Hydro was given the opportunity to provide its comments on the draft for consideration prior to the OEB issuing this Decision.

3 ORGANIZATION OF THE DECISION

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

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

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

4 PRICE CAP ADJUSTMENT

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

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

Table 4.1: Price Cap IR Adjustment Formula

Components		Amount
Inflation Factor. ²		1.20%
X-Factor	.Productivity. ³	0.00%
	.Stretch (0.00% - 0.60%).4	0.45%

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

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

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

² Report of the Board - "Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors" EB-2010-0379, December 4, 2013

³ Ibid.

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

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 performance relative to expected levels) to reflect the incremental productivity gains that the distributor is expected to achieve. The stretch factor assigned to Festival Hydro is 0.45%.

Findings

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

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

5 RETAIL TRANSMISSION SERVICE RATES

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

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

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

Table 5.1: Hydro One Networks Inc. UTRs.6

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

Table 5.2: Hydro One Networks Inc. Sub-Transmission RTSRs.7

Current Sub-Transmission RTSRs (2017)	per kWh
Network Service Rate	\$3.19
Connection Service Rates	
Line Connection Service Rate	\$0.77
Transformation Connection Service Rate	\$1.75

Findings

Festival Hydro's proposed adjustment to its RTSRs is approved. The RTSRs were adjusted based on the current UTRs and host-RTSRs.

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

⁶ Decision and Rate Order, EB-2017-0280, November 23, 2017

⁷ Decision and Rate Order, EB-2016-0081, December 21, 2016

6 GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts in order to determine whether their total balance should be disposed. 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. If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2016 actual year-end total balance for Festival Hydro's Group 1 accounts including interest projected to December 31, 2017 is a debit of \$452,233 This amount represents a total debit claim of \$0.0007 per kWh. While this amount does not exceed the disposition threshold, Festival Hydro is proposing to dispose this debit amount over a one-year period, beginning in the 2018 rate year

Included in the balance of the Group 1 accounts is the Global Adjustment (GA) debit account balance of \$172,844. A customer's costs for the commodity portion of its electricity service reflects the sum of two charges: the price of electricity established by the operation of the Independent Electricity System Operator (IESO) administered wholesale market, and the GA..¹⁰

The GA is paid by consumers in several different ways:

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates, therefore there is no variance account for the GA.
- Customers who participate in the Ontario Industrial Conservation Initiative
 program are referred to as "Class A" customers. These customers are assessed
 GA costs through a peak demand factor that is based on the percentage their
 demand contributes to the top five Ontario system peaks. This factor determines
 a Class A customer's allocation for a year-long billing period that starts in July
 every year. As distributors settle with Class A customers based on the actual GA
 costs there is no resulting variance.

⁸ 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.

⁹ "Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

¹⁰ The GA is established monthly, by the IESO, and varies in accordance with market conditions. It is the difference between the market price and the sum of the rates paid to regulated and contracted generators and conservation and demand management (demand response) program costs.

 "Class B" non-RPP customers pay the GA charge based on the amount of electricity they consume in a month (kWh). Class B non-RPP customers are billed GA based on an IESO published GA price. For Class B non-RPP customers, distributors track any difference between the billed amounts and actual costs in the GA Variance Account for disposal, once audited.

Festival Hydro proposes the recovery of its GA variance account debit balance of \$172,844 as at December 31, 2016, including interest to December 31, 2017, in accordance with Table 6.1:

Table 6.1: Recovery of GA Variance

Proposed Amounts	Proposed Method for Recovery
\$172,844 recovered from customers who were Class B for the entire period from January 2016 to December 2016	per kWh rate rider

The balance of the Group 1 accounts includes a credit of \$25,952 for the return of Capacity Based Recovery (CBR) charges for Class B customers related to the IESO's wholesale energy market Demand Response 3 program. Distributors paid CBR charges to the IESO in 2016 and recorded these to a dedicated sub-account. The disposition of this sub-account is impacted by whether or not a distributor had any customers who were part of Class A during the period from January 2016 to December 2016.

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

The remaining Group 1 accounts being sought for disposition, through the general Deferral and Variance Account rate rider, include the following flow through variance accounts: Low Voltage Charges, Smart Meter Entity Charges, Wholesale Market Service Charges, Retail Transmission Service Charges, and Commodity Power Charges. These Group 1 accounts have a total debit balance of \$305,341, which results in a charge to customers.

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements..*¹¹ Festival Hydro further notes that its proposal for a one-year disposition period is in accordance with the OEB's policy..¹² OEB staff noted that the amounts should be disposed on a final basis.

Findings

The OEB approves the disposition of a debit balance of \$452,233 as of December 31, 2016, including interest projected to December 31, 2017 for Group 1 accounts.

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

Table 6.2: Group 1 Deferral and Variance Account Balances

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
LV Variance Account	1550	47,397	1,023	48,420
Smart Meter Entity Variance Charge	1551	(2,550)	(46)	(2,596)
RSVA - Wholesale Market Service Charge	1580	2,163	180	2,343
Variance WMS - Sub- account CBR Class B	1580	(25,512)	(440)	(25,952)
RSVA - Retail Transmission Network Charge	1584	36,403	274	36,677
RSVA - Retail Transmission Connection Charge	1586	22,441	(92)	22,349
RSVA – Power	1588	192,817	5,331	198,148
RSVA - Global Adjustment	1589	168,167	4,677	172,844
Totals for all Group 1 accounts		441,326	10,907	452,233

¹¹ Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016

¹² As outlined in the Report cited at footnote 9 above.

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*.. ¹³ 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. Festival Hydro shall ensure these adjustments are included in the reporting period ending March 31, 2018 (Quarter 1).

The OEB approves these balances to be disposed through rate riders as calculated in the Rate Generator Model. The rate riders will be in effect over a one-year period from January 1, 2018 to December 31, 2018.¹⁴

7 THE LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT

As part of the Ministry of Energy's conservation-first policy, distributors have an OEB licence requirement to ensure conservation and demand management (CDM) programs are available to their customers..¹⁵ These programs result in reduced total energy consumption. To address the impact of the reduced consumption, the OEB Policy established a Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) to capture a distributor's revenue implications resulting from differences between actual load and the last OEB-approved load forecast..¹⁶ These differences are recorded by distributors at the rate class level.

A distributor may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of its IRM application, if the balance is deemed significant by the

¹³ Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

¹⁴ 2018 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a "GA Allocation", Tab 6.2 "CBR B", Tab 6.2a "CBR Allocation" and Tab 7 "Calculation of Def-Var RR"

¹⁵ Conservation First: A Renewed Vision for Energy Conservation in Ontario, Ontario Ministry of Energy, 2013

¹⁶ Guidelines for Electricity Distributor Conservation and Demand Management, EB-2012-0003, April 26, 2012; and, Requirement Guidelines for Electricity Distributors Conservation and Demand Management, EB-2014-0278, December 19, 2014

distributor. A request for the inclusion of lost revenues from demand response programs, as part of the LRAMVA, must be addressed through a COS application.¹⁷

Festival Hydro originally applied to dispose its LRAMVA debit balance of \$205,627. This balance consisted of lost revenues in 2016 from CDM programs delivered during the period from 2011 to 2016 and carrying charges. In Festival Hydro's application, this balance was comprised of the following components: (1) 2016 lost revenues totaling \$195,292 and (2) a residual balance from 2014 totaling \$10,335 owing to undercollection of its 2014 LRAMVA balance with its rate rider being based on variable usage. .

In response to OEB Staff interrogatories, Festival Hydro made various changes to its LRAMVA balance. As persisting savings from 2011 and 2012 CDM programs were already captured in the updated load forecast in 2015, Festival agreed to remove \$55,920 related to these persisting savings. The residual balance of \$10,335 was agreed to be removed and recovered in Account 1595 as with other deferral and variance account residual balances. Festival Hydro's use of the appropriate LRAMVA threshold from the last COS application contributed to a \$4,000 increase to the total. Other adjustments amounting to \$832 resulted in further deductions. These updates resulted in a net decrease of \$63,087 and a revised LRAMVA debit balance of \$142,540.

The actual conservation savings claimed by Festival Hydro were determined by the IESO..¹⁸ Actual conservation savings were compared against Festival Hydro's forecasted conservation savings of 4,321,150 kWh included in the load forecast, which was set out in Festival Hydro's 2015 cost of service application..¹⁹

Findings

The OEB finds that Festival Hydro's revised LRAMVA balance has been calculated in accordance with the OEB's CDM-related guidelines and updated LRAMVA policy. The OEB approves the disposition of Festival Hydro's LRAMVA debit balance of \$142,540, as set out in Table 7.1 below.

¹⁷ Report of the Ontario Energy Board – "Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs." EB-2016-0182, May 19, 2016

¹⁸ The Ontario Power Authority was responsible for CDM program evaluation prior to 2015.

¹⁹ EB-2014-0073 – Cost of Service Application

Table 7.1	LRAMVA	Balance for	Disposition
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Account Name	Account Number	Actual CDM Savings (\$) A	Forecasted CDM Savings (\$) B	Carrying Charges (\$) C	Total Claim (\$) D=(A-B)+C
LRAMVA	1568	\$180,603	\$40,452	\$2,389	\$142,540

8 RESIDENTIAL RATE DESIGN

All residential distribution rates currently include a fixed monthly charge and a variable usage charge. The OEB's residential rate design policy stipulates that distributors will transition residential customers to a fully fixed monthly distribution service charge over a four-year period, beginning in 2016.²⁰ The OEB requires that distributors filing IRM applications affecting 2018 rates continue with this transition by once again adjusting their distribution rates to increase the fixed monthly service charge and decrease the variable charge consistent with the policy.

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

Festival Hydro notes that the implementation of the transition results in an increase to the fixed charge prior to the price cap adjustment of \$2.70. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers.

Findings

The OEB finds that the proposed 2018 increase to the monthly fixed charge is calculated in accordance with the OEB's residential rate design policy. The results of the monthly fixed charge, and total bill impact for low consumption residential consumers

²⁰ As outlined in the Report cited at footnote 1 above.

show that no mitigation is required. The OEB approves the increase as proposed by the applicant and calculated in the final Rate Generator Model.

9 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 Festival Hydro's last COS decision, and to ensure that the 2017 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2016, are as reported by Festival 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 9.1: Regulatory Charges

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

Each of these rates is a component of the "Regulatory Charge" on a customer's bill, established annually by the OEB through a separate generic order. The RRRP rate was set by the OEB on June 22, 2017. The WMS and CBR rates were set by the OEB on December 15, 2016. 22

²¹ Decision and Order, EB-2017-0234, June 22, 2017

²² Decision and Order, EB-2016-0362, December 15, 2016

THE ONTARIO ENERGY BOARD ORDERS THAT

The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate
Order is approved effective January 1, 2018 for electricity consumed or estimated to
have been consumed on and after such date. Festival Hydro Inc. shall notify its
customers of the rate changes no later than the delivery of the first bill reflecting the
new rates.

DATED at Toronto, December 14, 2017

ONTARIO ENERGY BOARD

Original signed by

Kirsten Walli Board Secretary

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2017-0040

DATED: December 14, 2017

Effective and Implementation Date January 1, 2018

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

EB-2017-0040

RESIDENTIAL SERVICE CLASSIFICATION

A customer is classed as residential when all the following conditions are met:

- (a) the property is zoned strictly residential by the local municipality,
- (b) the account is created and maintained in the customer's name,
- (c) the building is used for dwelling purposes.

Exceptions may be made for properties zoned for farming use, under the following conditions:

- (a) the principal use of the service is for the residence,
- (b) the service size is 200 amperes or less, and the service is 120/240 volt single phase.

Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	25.09
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0042
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0005
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018

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

EB-2017-0040

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose peak demand is less than 50 kW based on the process for and frequency for reclassification as outlined in Section 2.5 of the Distribution System Code. For a new customer without prior billing history, the kW peak demand will be estimated by Festival Hydro Inc. to determine the proper rate classification. Customers who are classed as General Service but consider themselves eligible to be classed as Residential must provide Festival Hydro Inc. with a copy of their tax assessment, which clearly demonstrates the zoning is for residential use only. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available the distributor's Conditions of Service.

APPLICATION

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

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

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

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

\$	31.86
\$	0.79
\$/kWh	0.0158
\$/kWh	0.0003
\$/kWh	0.0006
\$/kWh	0.0009
\$/kWh	0.0005
\$/kWh	(0.0001)
\$/kWh	0.0060
\$/kWh	0.0044
\$/kWh	0.0032
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0040

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose peak demand is equal to or greater than 50 kW but less than 5,000 kW based on the process for and frequency for reclassification as outlined in Section 2.5 of the Distribution System Code. For a new customer without prior billing history, the kW peak demand will be estimated by Festival Hydro Inc. to determine the proper rate classification. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Service Charge	\$	236.43
Distribution Volumetric Rate	\$/kW	2.5524
Low Voltage Service Rate	\$/kW	0.1365
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kW	0.0574
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	0.1359
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.0726
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	(0.0201)

Effective and Implementation Date January 1, 2018

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

		EB-2017-0040
Retail Transmission Rate - Network Service Rate	\$/kW	2.5363
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7819
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.6940
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.9534
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018

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

EB-2017-0040

LARGE USE SERVICE CLASSIFICATION

This classification refers to non-residential accounts whose monthly peak demand is equal to or greater than 5,000 kW, based on the process for and frequency for reclassification as outlined in Section 2.5 of the Distribution System Code. For a new customer without prior billing history, the kW peak demand will be estimated by Festival Hydro Inc. to determine the proper rate classification. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

Service Charge	\$	11,308.07
Distribution Volumetric Rate	\$/kW	1.1765
Low Voltage Service Rate	\$/kW	0.1579
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kW	(0.0083)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.3298
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9828
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2338
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018

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

EB-2017-0040

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account 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, pedestrian cross-walk signals/beacons, 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per connection)	\$	8.36	
Distribution Volumetric Rate	\$/kWh	0.0086	
Low Voltage Service Rate	\$/kWh	0.0003	
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0006	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	(0.0001)	
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0005	
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 2018 Applicable only for Class B Customers	\$/kWh	(0.0001)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044	
MONTHLY RATES AND CHARGES - Regulatory Component			
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	

Effective and Implementation Date January 1, 2018

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

EB-2017-0040

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	2.31
Distribution Volumetric Rate	\$/kW	12.3185
Low Voltage Service Rate	\$/kW	0.0994
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (201 - effective until December 31, 2018	8) \$/kW	(0.0679)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.1831
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until January 01, 20 Applicable only for Class B Customers	18 \$/kWh	(0.0187)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9226
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4064
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018

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

EB-2017-0040

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 Ontario Energy Board street lighting load shape template. If connected to the municipal or the Province of Ontario street lighting system, decorative lighting and tree lighting services will be treated as a Street Lighting class of service. Decorative or tree lighting connected to Festival Hydro Inc.'s distribution system will be treated as a General Service Less Than 50 kW class 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.

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\$	1.15
\$/kW	3.4431
\$/kW	0.0974
\$/kWh	0.0006
\$/kW	(0.0450)
\$/kW	0.1977
\$/kWh	(0.0201)
\$/kW	1.9128
\$/kW	1.3776
\$/kWh	0.0032
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$/kW \$/kWh \$/kWh \$/kW \$/kWh \$/kWh \$/kWh \$/kWh

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0040

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$ 5.40

Effective and Implementation Date January 1, 2018

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ALLOWANCES

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

SPECIFIC SERVICE CHARGES

APPLICATION

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

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

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Customer Administration

Arrears certificate	\$	15.00
Income tax letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
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	%	19.66
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer		Time & materials
Temporary service install & remove - underground - no transformer		Time & materials
Temporary service install & remove - overhead - with transformer		Time & materials
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0040

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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	\$ 0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$ 0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$ (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	1.0291
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0176
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0188
Total Loss Factor - Primary Metered Customer > 5.000 kW	1 0075