

DECISION AND RATE ORDER

EB-2022-0036

HALTON HILLS HYDRO INC.

Application for rates and other charges to be effective May 1, 2023

BY DELEGATION, BEFORE: Kevin Mancherjee

Director

Operations Decision Support

Month XX, 20XX

1. OVERVIEW

The Ontario Energy Board is approving changes to the rates that Halton Hills Hydro Inc. (Halton Hills Hydro) charges to distribute electricity to its customers, effective May 1, 2023.

As a result of this Decision, there will be a monthly total bill increase of \$2.43 for a residential customer consuming 750 kWh. This change does not factor in applicable taxes or the Ontario Electricity Rebate.



2. CONTEXT AND PROCESS

Halton Hills Hydro filed its application on November 11, 2022 under section 78 of the Ontario Energy Board Act, 1998 and in accordance with Chapter 3 of the OEB's Filing Requirements for Incentive Rate-Setting Applications (Filing Requirements). The application was based on the Price Cap Incentive Rate-setting (Price Cap IR) option, with a five-year term.

The Price Cap IR option is one of three incentive rate-setting mechanisms (IRM) approved by the OEB.¹ It involves the setting of rates through a cost-of-service application in the first year and mechanistic price cap adjustments which may be approved through IRM applications in each of the ensuing adjustment years.

The OEB follows a standardized and streamlined process for hearing IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR term, the OEB prepares a Rate Generator Model that includes, as a placeholder, information from the distributor's past proceedings and annual reporting requirements. A distributor will then review, complete, and include the model with its application, and may update the model during the proceeding to make any necessary corrections or to incorporate new rate-setting parameters as they become available.

Halton Hills Hydro serves approximately 23,000 mostly residential and commercial electricity customers in the Town of Halton Hills.

The application was supported by pre-filed written evidence and a completed Rate Generator Model and as required during the proceeding, Halton Hills Hydro updated and clarified the evidence.

¹ Each of these options is explained in the OEB's <u>Handbook for Utility Rate Applications</u>.

3. DECISION OUTLINE

Each of the following issues is addressed in this Decision, together with the OEB's findings.

- Annual Adjustment Mechanism
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Lost Revenue Adjustment Mechanism Variance Account

Instructions for implementing Halton Hills Hydro's new rates and charges are set out in the final section of this Decision.

This Decision does not address rates and charges approved by the OEB in prior proceedings, such as specific service charges² and loss factors, which are out of the scope of an IRM proceeding and for which no further approvals are required to continue to include them on the distributor's Tariff of Rates and Charges.

² Certain service charges are subject to annual inflationary adjustments to be determined by the OEB through a generic order. For example, the Decision and Order EB-2022-0220, issued November 3, 2022 established the adjustment for energy retailer service charges, effective January 1, 2023; and the Decision and Order EB-2022-0221, issued November 3, 2022, established the 2023 Wireline Pole Attachment Charge, effective January 1, 2023.

0.00%

4. ANNUAL ADJUSTMENT MECHANISM

Halton Hills Hydro has applied to change its rates, effective May 1, 2023, based on a mechanistic rate adjustment using the OEB-approved **inflation minus X-factor** formula applicable to IRM applications. The adjustment applies to distribution rates (fixed and variable) uniformly across all customer classes.³

The components of the Price Cap IR adjustment formula applicable to Halton Hills Hydro are set out in the table below. Inserting these components into the formula results in a 3.70% increase to Halton Hills Hydro's rates: 3.70% = 3.70 - (0.00% + 0.00%).

Components

Inflation factor⁴

Less: X-factor

Amount

3.70%

0.00%

Stretch factor (0.00% to 0.60%)⁶

Table 4.1: Price Cap IR Adjustment Formula

An inflation factor of 3.70% applies to all IRM applications for the 2023 rate year. The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that varies 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 IRM applications for the 2023 rate year. The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, ranging from 0.00% to 0.60%. The stretch factor assigned to any distributor is based on the distributor's total cost performance as benchmarked against other distributors in Ontario. The stretch factor assigned to Halton Hills Hydro is 0.00%, resulting in a rate adjustment of 3.70%.

³ The adjustment does not apply to the following components of delivery rates: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, smart metering entity charge, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.

⁴ OEB Letter, 2023 Inflation Parameters, issued October 20, 2022

⁵ Report of the Ontario Energy Board – "Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors" EB-2010-0379, December 4, 2013

⁶ Report to the Ontario Energy Board – "Empirical Research in Support of Incentive Rate-Setting: 2021 Benchmarking Update", prepared by Pacific Economics Group LLC., July 2022

Findings

Halton Hills Hydro's request for a 3.70% rate adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Halton Hills Hydro's new rates shall be effective May 1, 2023.



5. RETAIL TRANSMISSION SERVICE RATES

Halton Hills Hydro is partially embedded within Hydro One Networks Inc.'s distribution system.

To recover its cost of transmission services, Halton Hills Hydro requests approval to adjust the retail transmission service rates (RTSRs) that it charges its customers in accordance with the Uniform Transmission Rates (UTRs) and host distributor RTSRs currently in effect.

Findings

Halton Hills Hydro's proposed adjustment to its RTSRs is approved. The RTSRs have been adjusted based on the current OEB-approved UTRs and host-RTSRs.⁷

UTRs and host-RTSRs are typically approved annually by the OEB. In the event that new UTRs and host-RTSRs take effect during Halton Hills Hydro's 2023 rate year, any resulting differences (from the prior-approved UTRs and host-RTSRs) are to be captured in Retail Settlement Variance Accounts 1584 (Retail Transmission Network Charge) and 1586 (Retail Transmission Connection Charge).

⁷ EB-2022-0250, Decision and Rate Order, December 8, 2022 and EB-2021-0110, Decision and Rate Order, November 29, 2022.

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 to determine whether those balances should be disposed. OEB policy states that Group 1 account balances should be disposed if they exceed, on a net basis (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.⁸ If the net balance does not exceed the threshold, a distributor may still request disposition.⁹

The 2021 year-end net balance for Halton Hills Hydro's Group 1 accounts eligible for disposition, including interest projected to April 30, 2023, is a debit of \$1,305,113 and pertains to variances accumulated during the 2020 to 2021 calendar years. This amount represents a total claim of \$0.0026 per kWh, which exceeds the disposition threshold. Halton Hills Hydro has requested the disposition of this amount over a one-year period.

Included in the Group 1 accounts are certain variances related to costs that are paid for by a distributor's customers on different bases, depending on their classification. Namely, "Class A" customers, who participate in the Industrial Conservation Initiative, pay for Global Adjustment (GA) charges based on their contribution to the five highest Ontario demand peaks over a 12-month period. "Class B" customers pay for GA charges based on their monthly consumption totals, either as a standalone charge or embedded in the Regulated Price Plan (RPP). A similar mechanism applies to Class A and Class B customers for Capacity Based Recovery (CBR) charges. The balance in the GA variance account is attributable to non-RPP Class B customers and is disposed through a separate rate rider. The balance in the CBR Class B variance account is attributable to all Class B customers.

Halton Hills Hydro had Class A customers during the period in which variances accumulated so it has applied to have the balance of the CBR Class B variance account disposed through a separate rate rider for Class B customers to ensure proper allocation between Class A and Class B customers.

During the period in which variances accumulated, Halton Hills Hydro had customers transition between Class A and Class B. Under the general principle of cost causality,

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⁸ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)." EB-2008-0046, July 31, 2009

⁹ OEB letter, "Update to the Electricity Distributors' Deferral and Variance Account Review ("EDDVAR Report"), released July 2009 (EB-2008-0246)", issued July 25, 2014

¹⁰ For additional details on the Global Adjustment charge, refer to the Independent Electricity System Operator (IESO)'s <u>website</u>.

¹¹ All Class B customers (RPP and non-RPP) pay the CBR as a separate charge based on their monthly consumption. For additional details on the CBR for Class A customers, refer to the IESO's <u>website</u>.

customer groups that cause variances that are recorded in Group 1 accounts should be responsible for paying (or receiving credits) for their disposal. Halton Hills Hydro has proposed to allocate a portion of the GA and CBR Class B balances to its transition customers, based on their customer-specific consumption levels. ¹² The amounts allocated to each transition customer are proposed to be recovered (or refunded, as applicable), by way of 12 equal monthly installments.

In Halton Hills Hydro's decision and order for its proceeding for 2022 rates, the OEB determined that no disposition of its Group 1 accounts was required at that time, as the disposition threshold had not been exceeded and the distributor did not request disposition.¹³

During the current rate application, Halton Hills Hydro's pre-filed evidence regarding Accounts 1588 and 1589 balances (pertaining to variances accumulated during the 2020 to 2021 calendar years) contained many discrepancies. These discrepancies were resolved as a result of OEB staff questions.¹⁴

The Account 1588 Reasonability Test in the GA Analysis Workform calculated a percentage of -3.2% for "Account 1588 as % of Account 4705" pertaining to the 2020 calendar year. ¹⁵ Although this percentage was greater than the OEB's threshold test of +/- 1%, it was explained in response to OEB staff questions. ¹⁶ A significant driver contributing to this this large percentage of -3.2% was due to Halton Hills Hydro's actual line losses of 3.55% being less than its OEB-approved line losses of 5.60%. ¹⁷ This over-recovery of approximately \$840k contributed to the credit balance of \$899,028 in Account 1588. ¹⁸

Findings

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

^{12 2023} IRM Rate Generator Model, Tab 6.1a "GA Allocation" and Tab 6.2a "CBR B Allocation"

¹³ EB-2021-0028, 2022 IRM Decision and Rate Order, March 24, 2022, page 7

¹⁴ For example, discrepancies were noted between Tab 3 of the IRM Rate Generator Model, the GA Analysis Workform, and balances presented in Halton Hills Hydro's 2022 IRM application.

¹⁵ GA Analysis Workform, February 2, 2023

¹⁶ OEB Staff Question 14 e), February 2, 2023

¹⁷ EB-2019-0039, 2020 IRM Decision and Rate Order, April 16, 2020, Tariff of Rates and Charges, page 12.

¹⁸ As noted in OEB Staff Question 14 e), February 2, 2023, with respect to the 2020 calendar year, the OEB-approved loss factor was 5.60% and the actual loss factor was 3.55%, creating a difference of 2.05%. The difference of 2.05% multiplied by 503,398,621 kWh (billed consumption without losses) equals 10,319,672 kWh. This total kWhs difference multiplied by the estimated cost of power of \$0.0814/kWh equals \$840,021. This amount of \$840,021 is the approximate over-collection resulting from the difference between OEB-approved and actual losses.

The OEB approves the disposition of a debit balance of \$1,305,113 as of December 31, 2021, including interest projected to April 30, 2023, for Group 1 accounts on a final basis.

Table 6.1 identifies the principal and interest amounts, which the OEB approves for disposition.

Table 6.1: 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	1,074,848	43,373	1,118,221
Smart Metering Entity Charge Variance	1551	(16,207)	(579)	(16,786)
RSVA - Wholesale Market Service Charge	1580	174,012	4,038	178,050
Variance WMS - Sub-account CBR Class B	1580	(63,815)	(2,389)	(66,204)
RSVA - Retail Transmission Network Charge	1584	723,382	27,048	750,430
RSVA - Retail Transmission Connection Charge	1586	146,838	6,252	153,090
RSVA - Power	1588	(852,715)	(46,314)	(899,028)
RSVA - Global Adjustment	1589	42,694	11,375	54,069
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	(27,869)	61,140	33,271
Total for Group 1 accounts		1,201,168	103,944	1,305,113

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in the *Accounting Procedures Handbook for Electricity Distributors*. ¹⁹ 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.

¹⁹ Article 220, Account Descriptions, Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

The OEB approves these balances to be disposed through final rate riders, charges, or payments, as calculated in the Rate Generator Model. The final rate riders, charges, and payments, as applicable, will be in effect over a one-year period from May 1, 2023 to April 30, 2024.²⁰



 $^{^{20}}$ 2023 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a GA Allocation, Tab 6.2 CBR B, Tab 6.2a CBR B_Allocation and Tab 7 Calculation of Def-Var RR

7. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT

The OEB has historically utilized a Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) to capture a distributor's revenue implications resulting from differences between actual and forecast conservation and demand management (CDM) savings included in its last OEB-approved load forecast. The use of the LRAMVA is no longer the default approach for CDM activities.²¹

Distributors delivered CDM programs to their customers through the Conservation First Framework (CFF) that began on January 1, 2015 until March 20, 2019, when the CFF was revoked.²²

Distributors filing an application for 2023 rates are required to seek disposition of all outstanding LRAMVA balances related to program savings related to CFF programs or other conservation programs they delivered, unless they do not have complete information on eligible program savings.²³

Distributors are also eligible under the LRAM for persisting impacts of conservation programs until their next rebasing. The OEB provided direction for distributors to seek approval of LRAM-eligible amounts for 2023 onwards on a prospective basis, and a rate rider in the corresponding rate year, to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application.²⁴

Halton Hills Hydro has applied to dispose of its LRAMVA debit balance of \$161,996. The balance consists of lost revenues from 2019 to 2021 from CDM programs delivered during the period from 2015 to 2021 and carrying charges. The actual conservation savings claimed by Halton Hills Hydro under the CFF were validated with reports from the IESO, project level savings files, or both.

Actual conservation savings were compared against Halton Hills Hydro's forecasted conservation savings of 4,420,000 kWh included in its last OEB-approved load forecast.²⁵

²¹ Conservation and Demand Management Guidelines for Electricity Distributors, December 20, 2021, chapter 8.

²² On March 20, 2019 the Minister of Energy, Northern Development and Mines issued separate Directives to the OEB and the IESO.

²³ Chapter 3 Filing Requirements, section 3.2.6.1

²⁴ <u>Guidance on Prospective Lost Revenue Adjustment Mechanism (LRAM) Amounts – 2023 Rates, June</u> 16, 2022

²⁵ EB-2015-0074, Decision and Order, March 24, 2016

Halton Hills Hydro did not apply for approval of any LRAM-eligible amounts on a prospective basis, arising from persisting savings from completed CDM programs.

Findings

The OEB finds that Halton Hills Hydro's LRAMVA balance has been calculated in accordance with the OEB's CDM-related guidelines and updated LRAMVA policy. The OEB approves the disposition of Halton Hills Hydro's LRAMVA debit/credit balance of \$161,966, as set out in Table 7.1 below.

Table 7.1 LRAMVA Balance for Disposition

Account Name	Account Number	Actual CDM Savings (\$) A	Forecasted CDM Savings (\$) B	Carrying Charges (\$) C	Total Claim (\$) D=(A-B)+C
LRAMVA	1568	226,639	70,412	5,769	161,996

The balance in the LRAMVA is now zero, and no further entries to the LRAMVA are permitted at this time. The LRAMVA will not be discontinued, in the event that Halton Hills Hydro requests the use of the LRAMVA for a CDM activity in a future application, which the OEB will consider on a case-by-case basis.²⁶

²⁶ Conservation and Demand Management Guidelines for Electricity Distributors, December 20, 2021, p. 28

8. IMPLEMENTATION

This Decision is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Schedule A). The Rate Generator Model also incorporates the rates set out in Table 8.1.

Table 8.1: Regulatory Charges

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0007
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0041
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 and WMS rates were set by the OEB on December 8, 2022. ²⁷

The Smart Metering Entity Charge is a component of the "Distribution Charge" on a customer's bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set by the OEB at \$0.42 on September 8, 2022.²⁸

In the *Report of the Board: Review of Electricity Distribution Cost Allocation Policy*,²⁹ the OEB indicated that it will review the default province-wide microFIT charge annually to ensure it continues to reflect actual costs in accordance with the established methodology. On December 8, 2022, the OEB issued a letter advising electricity distributors that the microFIT charge shall remain at \$4.55 for the duration of the 2023 calendar year.³⁰

²⁷ EB-2022-0269, Decision and Order, December 8, 2022

²⁸ EB-2022-0137, Decision and Order, September 8, 2022

²⁹ EB-2010-0219, Report of the Board "Review of Electricity Distribution Cost Allocation Policy", March 31, 2011

³⁰ OEB Letter, issued December 8, 2022

9. ORDER

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 May 1, 2023 for electricity consumed or estimated to
have been consumed on and after such date. Halton Hills Hydro Inc. shall notify its
customers of the rate changes no later than the delivery of the first bill reflecting the
new rates.

Email: registrar@oeb.ca

Tel: 1-877-632-2727 (Toll free)

DATED at Toronto, [Month, Date, Year]

ONTARIO ENERGY BOARD

Nancy Marconi Registrar

SCHEDULE A DECISION AND RATE ORDER HALTON HILLS HYDRO INC. TARIFF OF RATES AND CHARGES EB-2022-0036 MONTH XX, 20XX

Effective and Implementation Date May 1, 2023
This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2022-0036

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. The customer will be supplied at one service entrance only. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	40.89
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Low Voltage Service Rate	\$/kWh	0.0042
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024		
Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2023) - effective until April 30, 2024	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0026
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0100
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0071
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
· · · ·	**	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2023

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

EB-2022-0036

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

APPLICATION

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

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

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

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

Ser	vice Charge	\$	31.44
Sm	art Metering Entity Charge - effective until December 31, 2027	\$	0.42
Dis	tribution Volumetric Rate	\$/kWh	0.0215
Lov	v Voltage Service Rate	\$/kWh	0.0039
Rat	e Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024		
	Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rat	e Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
((2023) - effective until April 30, 2024	\$/kWh	0.0018
Rat	e Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0026
Rat	e Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024		
	Applicable only for Class B Customers	\$/kWh	(0.0002)
Ret	ail Transmission Rate - Network Service Rate	\$/kWh	0.0089
Ret	ail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065
MC	ONTHLY RATES AND CHARGES - Regulatory Component		
Wh	olesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Cap	pacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rur	al or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Sta	ndard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2023

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

EB-2022-0036

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential customer with an average peak demand equal to or greater than 50 kW over the past twelve months, or is forecast to be equal to or greater than 50 kW, but less than 1,000 kW. For a new customer without prior billing history, the peak demand will be based on 90% of the proposed capacity or installed transformer. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Billing demands are established at the greater of 100% of the kW, or 90% of the kVA amounts with the exception of the Retail Transmission Rate-Network Service Rate, which is billed on a \$/kW basis only.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	133.87
Distribution Volumetric Rate	\$/kW	5.9477
Low Voltage Service Rate	\$/kW	1.6397
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	0.1056
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5348)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	1.5256
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kW	(0.0577)
Retail Transmission Rate - Network Service Rate	\$/kW	3.8527
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7632

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR \$/kWh 0.0041

Effective and Implementation Date May 1, 2023
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Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Effective and Implementation Date May 1, 2023

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EB-2022-0036

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential customer with an average peak demand equal to or greater than 1,000 kW over the past twelve months, or is forecast to be equal to or greater than 1,000 kW, but less than 5,000 kW. For a new customer without prior billing history, the peak demand will be based on 90% of the installed transformer. Class A and Class B consumers are defined in accordance with O.Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Billing demands are established at the greater of 100% of the kW, or 90% of the kVA amounts with the exception of the Retail Transmission Rate-Network Service Rate, which is billed on a \$/kW basis only.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	298.66
Distribution Volumetric Rate	\$/kW	5.3147
Low Voltage Service Rate	\$/kW	1.6397
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	0.1077
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	1.1613
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024		
Applicable only for Class B Customers	\$/kW	(0.0459)
Retail Transmission Rate - Network Service Rate	\$/kW	3.8527
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7632

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007

Effective and Implementation Date May 1, 2023
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0036

Standard Supply Service - Administrative Charge (if applicable)

0.25



Effective and Implementation Date May 1, 2023

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

EB-2022-0036

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, pedestrian X-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 Global Adjustment and the HST.

Service Charge (per connection)	\$	19.30
Distribution Volumetric Rate	\$/kWh	0.0131
Low Voltage Service Rate	\$/kWh	0.0039
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0026
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0089
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065
MANUELLY VIDATED AND OUR DOTTO IN THE		
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2023
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0036

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 Global Adjustment and the HST.

Service Charge (per connection)	\$	13.07
Distribution Volumetric Rate	\$/kW	49.5691
Low Voltage Service Rate	\$/kW	1.1804
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024		
Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.9589
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024		
Applicable only for Class B Customers	\$/kW	(0.0583)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7486
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9892
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2023
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0036

STREET LIGHTING SERVICE CLASSIFICATION

All services supplied to street lighting equipment owned by or operated for the Municipality, the Region or the Province of Ontario shall be classified as Street Lighting Service. Street Lighting plant, facilities, or equipment owned by the customer are subject to the Electrical Safety Authority (ESA) requirements and Halton Hills Hydro specifications. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	2.51
Distribution Volumetric Rate	\$/kW	1.6939
Low Voltage Service Rate	\$/kW	1.1564
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2023) - effective until April 30, 2024	\$/kW	0.4839
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.9310
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kW	(0.0568)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7358
Retail Transmission Rate - Line and Transformation Connection Service Rate	Ψ/ΚΨΨ	2.7330
Netall Harshinssion Nate - Line and Harshoffhation Confection Service Nate	\$/kW	1.9487
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2023
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0036

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$ 4.55

Effective and Implementation Date May 1, 2023

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

EB-2022-0036

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.

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

Customer Administration Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques		15.00
	\$	15.00
Duplicate invoices for previous billing	\$	
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00
·	*	
Other		
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year	\$	36.05
(with the exception of wireless attachments)		
Interval meter charge	\$	20.00

Effective and Implementation Date May 1, 2023
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0036

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 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	\$	111.66
Monthly fixed charge, per retailer	\$	44.67
Monthly variable charge, per customer, per retailer	\$/cust.	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.56
Processing fee, per request, applied to the requesting party	\$	1.11
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		

Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.47
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the	Φ.	0.00
charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on	Ф	2.23

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	1.0355
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0251