

PARTIAL DECISION AND RATE ORDER

EB-2023-0030

HYDRO ONE NETWORKS INC.

Application for rates and other charges to be effective January 1, 2024

BEFORE: Pankaj Sardana

Presiding Commissioner

Lynne AndersonChief Commissioner

December 14, 2023

1. OVERVIEW

The Ontario Energy Board (OEB) is approving changes to the rates that Hydro One Networks Inc. (Hydro One) charges to distribute electricity to its customers, effective January 1, 2024.

The OEB finds it prudent to not dispose any of the Group 1 deferral and variance account (DVA) balances at this time. The OEB is concerned with OEB staff's and Hydro One's divergent views on complicated accounting matters regarding Accounts 1588 and 1589 and has ordered a "settlement conference" to discuss such matters.

As a result of this Partial Decision, there will be a monthly total bill increase of \$1.94 for a residential customer consuming 750 kWh. This change does not factor in applicable taxes or the Ontario Electricity Rebate but includes impacts resulting from the Distribution Rate Protection program. The applicant is one of eight electricity distributors in Ontario to which this tax-funded program applies. The program has been in effect since July 2017, and currently caps monthly distribution charges at \$39.49.¹

The OEB is also approving Hydro One's request to change the composition of its distribution service rates. Residential distribution service rates have historically included a fixed monthly charge and a variable usage charge. In 2015, the OEB issued a policy to transition these rates to a fully fixed rate structure beginning in 2016, and the OEB approved the timeframe over which this would be implemented.² For the Urban Density rate class (UR), 2021 was the fifth and final year of the transition period to an all-fixed distribution rate. For the Medium Density (R1) and Low Density (R2) rate classes, 2024 is the eighth, and final year of Hydro One's transition to fully fixed rates. This change does not affect the total revenue that distributors collect from residential customers.

Also in 2015, the OEB issued a decision to eliminate Hydro One's seasonal distribution rate class and move the existing seasonal class customers to one of three Hydro One residential rate classes (i.e., R1, R2 and UR) according to their density³. To implement these changes, a subsequent OEB decision⁴ permitted Hydro One to phase-in the fixed charge for seasonal customers transitioning to the R2 rate class to the same all-fixed distribution charge as R2 customers over the number of years, beginning January 1, 2023, required to limit the total bill impacts for affected seasonal customers to 10% per year. As part of this mitigation, all R2 customers pay an increased volumetric rate that

¹ Decision and Order, EB-2023-0119, May 30, 2023

² OEB Policy – "<u>A New Distribution Rate Design for Residential Electricity Customers.</u>" EB-2012-0410, April 2, 2015

³ Decision, EB-2013-0416/EB-2014-0247, March 12, 2015

⁴ Decision and Order, EB-2020-0246, November 10, 2021

ensures recovery of the total revenue to be collected from the R2 class that is not covered by the lower monthly fixed charge to affected seasonal R2 customers.⁵

⁵ Ibid.

2. CONTEXT AND PROCESS

Hydro One serves approximately 1.5 million distribution customers, primarily in the rural and remote areas of the province.

Hydro One filed its application for 2024 distribution rates on August 17, 2023 under section 78 of the *Ontario Energy Board Act, 1998*. The application was based on the Custom Incentive Rate-setting (Custom IR) option, with a five-year term. This is the first annual update application filed by Hydro One using the Custom IR methodology approved by the OEB in 2022, as described below.

In November, 2022, the OEB approved a settlement proposal submitted on October 24, 2022, and updated November 16, 2022, for a five-year Custom IR framework (Custom IR Decision) that covers the years 2023 to 2027. As part of the 2023-2027 Custom IR Decision, the OEB issued a final rate order establishing distribution rates for 2023. The distribution revenue requirement and the rates to recover it for subsequent years are to be adjusted mechanistically through a custom revenue cap index adjustment formula. This is referred to in Section 4 of this Partial Decision as the Custom Revenue Cap Index Adjustment.

The key components of Hydro One's Custom IR framework are listed below:

- A custom revenue cap approach for adjusting rates for 2024-2027 of the fiveyear term
- A productivity factor of 0.45% to remain constant over the term of the plan
- A capital factor, reduced by a supplemental stretch factor on capital of 0.20%, and updated annually to reflect any changes to the inflation factor. The capital factor is designed to recover the incremental revenue each test year to support Hydro One's distribution system plan
- Forecast number of customers and load by rate class for 2023-2027
- An earnings sharing mechanism (ESM) and access to the OEB's Z-factor mechanism. Hydro One is to bring any ESM balances for disposition for the years 2021-2024, to the extent that the ESM is triggered and there are balances required to be disposed of, as part of Hydro One's 2026 rate application
- Annual updates to Retail Transmission Service Rates
- No changes to its capital structure

⁶ EB-2021-0110, Decision on Settlement Proposal and Order on Rates, Revenue Requirement and Charge Determinants, November 29, 2022.

The OEB follows a standardized and streamlined process for Custom IR update applications. Applications of this nature may be decided by a panel of Commissioners, or may be delegated to OEB staff, depending on the complexity of the applications.

Hydro One requested that the application be disposed of without a hearing, however after an initial review of the application, the OEB proceeded by way of a written hearing because of questions with respect to certain account balances.

Notice of the application was issued on September 8, 2023. The Society of United Professionals (SUP), Power Workers' Union (PWU) and Canadian Manufacturers & Exporters (CME) requested intervenor status. The OEB approved CME as an intervenor and denied SUP and PWU's intervention requests. The OEB approved cost eligibility for CME and only in relation to Hydro One's proposed adjustments and disposition of the commodity DVAs (i.e., Account 1588 and Account 1589).

The application was supported by pre-filed written evidence and customized Excel models, and as required during the proceeding, Hydro One updated and clarified the evidence.

Hydro One responded to interrogatories from OEB staff and CME. Final submissions on the application were filed by OEB staff and Hydro One.

3. DECISION OUTLINE

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

- Custom Revenue Cap Index Adjustment
- Cost Allocation and Rate Design
- Retail Transmission Service Rates and Sub Transmission Rates
- Group 1 Deferral and Variance Accounts
- Retail Service and Specific Service Charges

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

4. CUSTOM REVENUE CAP INDEX ADJUSTMENT

The OEB approved a five-year Custom IR plan with the revenue requirement to be adjusted annually through a custom revenue cap index (RCI). The approved formula for the Custom IR for the test year (t+1) is equal to the revenue in year t inflated by the RCI. Hydro One's approved custom RCI formula is I - X + C, where:

- I is the Inflation Factor, and is updated annually as determined by the OEB. The application reflects the 4.8% Inflation Factor for electricity distributors calculated by the OEB for 2024 applications, effective January 1, 2024.
- **X** is the Productivity Factor, that is equal to the sum of Hydro One's Custom Industry Total Factor Productivity measure and Hydro One's Custom Productivity Stretch Factor. The approved Productivity Factor is 0.45% and will not be updated over the 2024 to 2027 period.
- **C** is Hydro One's Custom Capital Factor, reduced by a Supplemental Stretch Factor on Capital of 0.20%, and updated annually to reflect any changes to the Inflation Factor. The Capital Factor is designed to recover the incremental revenue each test year to support Hydro One's distribution system plan.

The components of the RCI adjustment formula are set out in Table 4.1. They result in a total RCI of 5.36%.

Table 4.1: 2024 Custom RCI by Component

Components	2024
Inflation Factor ⁷ (I)	4.80%
Productivity Factor (X)	(0.45%)
Custom Capital Factor (C)	1.01%
Total RCI = I – X + C	5.36%

Hydro One's total revenue requirement for the 2024 rate year is then determined by applying the RCI of 5.36% to Hydro One's OEB-approved 2023 total revenue

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⁷ OEB Letter, 2024 Inflation Parameters, June 29, 2023

requirement. The result is a 2024 total revenue requirement of \$1,819.8 million, as shown in Table 4.2.

Table 4.2: Hydro One's Total Revenue Requirement by Year

Year	Formula	Total Revenue Requirement (million)
2023	OEB-Approved Hydro One Total Revenue Requirement	\$1,727.2
2024	2023 Total Revenue Requirement x 2024 RCI = \$1,727.2 million x 1.0536	\$1,819.8

The Custom IR Decision approved 2024 load forecast,⁸ including the Acquired Utilities⁹, by rate class is summarized in the following table:

Table 4.3: 2024 Load Forecast by Rate Class

Rate Classification	Number of Customers	GWh	kW
Distributed Generation – DGen	1,576	31	217,567
General Service Demand Billed – GSd	5,393	2,193	7,028,358
General Service Energy Billed – GSe	88,831	1,990	
Residential Medium Density – R1	548,767	5,142	
Residential Low Density – R2	417,937	4,843	
Sub Transmission – ST	917	15,171	31,012,799
Urban General Service Demand Billed – UGd	1,753	889	2,312,124
Urban General Service Energy Billed – UGe	18,524	549	
Residential Urban Density – UR	249,127	2,053	
Street Lighting – STL	5,536	83	

 $^{^{8}}$ EB-2021-0110, Decision on Settlement Proposal and Order on Rates, Revenue Requirement and Charge Determinants, November 29, 2022, Attachment 2, Schedule 2.0 pp 1 – 3

⁹ Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Services Inc.

Sentinel Lighting – Sen LGT	19,086	11	
Unmetered Scattered Load – USL	5,793	33	
Residential Acquired Mixed Density – AR	39,198	334	
Acquired Mixed Density General Service Energy Billed – AGSe	4,213	116	
Acquired Mixed Density General Service Demand Billed – AGSd	306	229	640,641
Residential Acquired Urban Density – AUR	15,550	119	
Acquired Urban Density General Service Energy Billed – AUGe	1,392	41	
Acquired Urban Density General Service Demand Billed – AUGd	207	119	334,225
Total	1,424,106	33,948	41,545,714

Findings

Hydro One's final 2024 RCI is 5.36% (i.e., 4.80% - 0.45% + 1.01%). The OEB approves the revenue requirement for 2024 of \$1,819.8 million, which is determined as the revenue requirement in 2023 (\$1,727.2 million) inflated by the 2024 RCI. The 2024 distribution rates are derived from the calculated 2024 revenue requirement and the approved load forecast.

The OEB finds that Hydro One has calculated the RCI adjustment in accordance with the Custom IR Decision. Accordingly, the total formulaic increase yielded by the RCI formula of 5.36% will apply to Hydro One's distribution rates effective January 1, 2024.

5. COST ALLOCATION AND RATE DESIGN

Hydro One stated that it is not updating the cost allocation model over the term of the Custom IR plan as per the Custom IR Decision. ¹⁰ Hydro One also noted that the determination of costs and revenue requirement by rate class for 2024 is consistent with the methodology approved for in the Custom IR Decision. Hydro One further noted that, consistent with the Custom IR Decision, it has not performed any revenue-to-cost ratio adjustments for the 2024 rate year.

<u>Transition to Fully Fixed Rates</u>

The OEB directed Hydro One to implement the transition to fully fixed rates for the residential rate classes using the methodology in the OEB's Revenue Requirement Work Form¹¹. Hydro One stated in this application that the transition to all-fixed distribution rates is now complete for all residential rate classes. The OEB approved the elimination of the seasonal rate class in a previous decision and as a result, Hydro One's R2 rate class will continue to have a declining volumetric rate until 2032 as a mitigation measure for those low-volume seasonal customers that would otherwise see total bill impacts greater than 10%. ¹²

Hydro One also stated that the 2024 fixed and volumetric distribution rates for non-residential rate classes were calculated using the methodology approved in the Custom IR Decision. Hydro One confirmed that total bill impacts exceed 10% for approximately 230 unmetered load customers, including unmetered scattered load, street lighting and sentinel lighting, of the Acquired Utilities. Hydro One continues to apply a mitigation credit to these customers to limit their total bill impact to no more than 10%.

Hopper Foundry and Transformer Cost Allowance Rate Adders

Hydro One stated that the proposed 2024 Hopper Foundry rate adder reflects the proposed 2024 General Service Demand Billed (GSd) rates and that the forecast lost revenue related to Hopper Foundry is \$96,468 and results in a rate adder of \$0.0137 per kW. Hydro One further stated that this adder is included in the volumetric rate shown on the proposed 2024 tariff schedule for the GSd class.

Hydro One also stated that in accordance with the Custom IR Decision that the Customer Supplied Transformer Allowance (CSTA) rate adders for the GSd, Urban General Service Demand Billed (UGd), Distributed Generation (DGen), Acquired Urban

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¹⁰ EB-2021-0110, Decision on Settlement Proposal and Order on Rates, Revenue Requirement and Charge Determinants, November 29, 2022

¹¹ EB-2017-0049, Decision and Order, March 7, 2019, p. 141

¹² EB-2020-0246, Decision and Order, November 10, 2021, pp. 6-8

Density General Service Demand Billed (AUGd) and Acquired Mixed Density General Service Demand Billed (AGSd) rate classes will remain unchanged at their current approved values.¹³

Findings

The OEB accepts Hydro One's evidence on the transition to fully fixed distribution rates, the mitigation measures related to the elimination of the seasonal rate class and the Hopper Foundry, and the CSTA rate adders as proposed by Hydro One. The OEB also accepts Hydro One's evidence on the mitigation credit to limit the bill impacts to no more than 10% for approximately 230 unmetered load customers, including unmetered scattered load, streetlights and sentinel light rate classes of the acquired service areas of Norfolk, Haldimand and Woodstock. The OEB concludes the approaches are consistent with prior OEB decisions.

¹³ EB-2021-0110, Decision on Settlement Proposal and Order on Rates, Revenue Requirement and Charge Determinants, November 29, 2022, Attachment 2, Schedule 4.3, p. 1

6. RETAIL TRANSMISSION SERVICE RATES (RTSRs) AND SUB TRANSMISSION (ST) RATES

Hydro One is billed by the Independent Electricity System Operator (IESO) at each of its transmission delivery points for the transmission of power. The IESO charges the uniform transmission rates (UTRs) approved by the OEB. On September 28, 2023, the OEB announced preliminary UTRs effective January 1, 2024.¹⁴

Hydro One updated its RTSRs based on the preliminary UTRs. The OEB sets the UTRs based on the approved revenue requirements for multiple transmitters. Preliminary UTRs are based on those revenue requirements that have already been approved for 2024. These preliminary UTRs are to be used for the setting of RTSRs to minimize the accumulation of variances in Retail Settlement Variance Accounts 1584 (Retail Transmission Network Charge) and 1586 (Retail Transmission Connection Charge). The cost consequences of any future adjustments to 2024 UTRs to reflect remaining approvals to a transmitter's revenue requirement will be tracked in these accounts and recovered over time.

As a result of its proposed update of RTSRs for 2024, Hydro One also updated the proposed 2024 ST rates, including high voltage distribution station (HVDS)-high charge, HVDS-low charge and the Common ST line charge to reflect the proposed 2024 ST RTSR for Transformation Connection.

Findings

The OEB approves Hydro One's proposed 2024 RTSRs and ST rates. Hydro One updated both the RTSRs and ST rates to reflect the preliminary 2024 UTRs set by the OEB on September 28, 2023.

¹⁴ EB-2023-0222, OEB Letter "2024 Preliminary Uniform Transmission Rates", issued September 28, 2023

7. GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

<u>Disposition of Group 1 Deferral and Variance Accounts</u>

In each year of an IRM (or Custom IR update) term, the OEB will review a distributor's Group 1 DVAs to determine whether those balances should be disposed of. OEB policy states that Group 1 account balances should be disposed of 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 of.¹⁵ If the net balance does not exceed the threshold, a distributor may still request disposition.¹⁶

The 2022 year-end net balance for Hydro One's Group 1 accounts eligible for disposition for its main distribution rate zone (Hydro One Distribution rate zone), including interest projected to December 31, 2023, is a debit of \$13,119,794, and pertains to variances accumulated during the 2021 and 2022 calendar years. This amount represents a total claim which does not exceed the disposition threshold, but Hydro One has requested disposition of this amount over a one-year period. Hydro One noted that the disposition of these balances will minimize intergenerational inequities, as the 2021 and 2022 balances have not yet been disposed of. The Custom IR Decision approved the disposition of Hydro One's Group 1 account balances on a final basis, as of December 31, 2020.

In addition to the Hydro One Distribution rate zone, Hydro One requested disposition of its Group 1 balances for Hydro One's Peterborough rate zone and Orillia rate zone, which are being addressed in a separate proceeding.²⁰ Hydro One noted that the disposition threshold for the Peterborough rate zone has been met. Hydro One believes it is appropriate to dispose of the Peterborough rate zone, Orillia rate zone, and the Hydro One Distribution rate zone Group 1 balances together in the respective 2024 rate applications, as this approach to dispose of the consolidated Group 1 balances is consistent with past practice.²¹

OEB staff supported the disposition of Hydro One's December 31, 2022 Group 1 account balances on a final basis, excluding Accounts 1588, 1589, and 1595, but

¹⁵ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative" (EDDVAR), EB-2008-0046, July 31, 2009

¹⁶ OEB letter, "Update to the Electricity Distributors' Deferral and Variance Account Review ("EDDVAR Report"), released July 2009 (EB-2008-0046)", issued July 25, 2014

¹⁷ Hydro One Distribution DVA Continuity Schedule, I-01-01-02, October 27, 2023

¹⁸ Exhibit A, Tab 4, Schedule 1, p. 10 & 11, August 17, 2023

¹⁹ EB-2021-0110, Decision on Settlement Proposal and Order on Rates, Revenue Requirement and Charge Determinants, November 29, 2022, Settlement Proposal, p. 46
²⁰ EB-2023-0059

²¹ Exhibit A, Tab 4, Schedule 1, p. 10 & 11, August 17, 2023

pending Hydro One's reply submission on certain matters. OEB staff submitted that these account balances should not be approved for disposition at this time, pending a further review of Accounts 1588 and 1589, as well as the review of Account 1595, being conducted by Hydro One. OEB staff recommended that the results of Hydro One's review should be filed in the distributor's 2025 Custom IR Update application.

In its reply, Hydro One stated that further reviews on Accounts 1588 and 1589 are not required as these accounts reflect audited balances and have already been reviewed. Hydro One has not identified any further issues aside from isolated reclassification adjustments with respect to embedded distributors, which have now been rectified. Hydro One also stated that a review of Account 1595 is not required, as the issues were already resolved in Hydro One's 2021 Custom IR Update proceeding.

Adoption of Accounting Guidance

On February 21, 2019, the OEB issued *Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589* (Accounting Guidance). The Accounting Guidance was effective January 1, 2019 and was to be implemented by August 31, 2019.²² However, in its 2021 Custom IR Update proceeding, Hydro One indicated that it intended to adopt the Accounting Guidance on a prospective basis, once a solution to implement the Accounting Guidance was determined, citing computer technology issues.²³

In its decision in that proceeding, the OEB accepted Hydro One's proposal to adopt the Accounting Guidance in a modified manner, until the OEB otherwise directs Hydro One.²⁴ The OEB also agreed with Hydro One that changes to its technology framework to implement the Accounting Guidance could be costly and could only be applied on a prospective basis.

In the current proceeding, Hydro One confirmed its view that since the Accounting Guidance was applied on a prospective basis (beginning January 1, 2021), the historical balances approved on a final basis prior to 2021 were not impacted.²⁵ Hydro One also stated that no historical balances for the pre-2021 period were considered in the context of the Accounting Guidance. Hydro One stated that no further review was performed for pre-2021 balances because its pre-2021 Regulated Price Plan (RPP) settlement methodology was audited by the OEB, its pre-2021 balances underwent monthly

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²² Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, February 21, 2019; Note that this guidance was further updated on May 23, 2023

²³ EB-2020-0030, OEB Staff Interrogatory #1 Response, October 30, 2020

²⁴ EB-2020-0030, Hydro One Distribution, 2021 Custom IR Update, Decision and Rate Order, December 17, 2020, Revised: February 18, 2021, p. 17 & 18

²⁵ OEB Staff Interrogatory #6 Response, October 27, 2023

reviews and adhered to Hydro One's control processes, and Hydro One did not identify any systemic errors from past transactions.

OEB staff submitted that it did not support Hydro One's request for the disposition of the balances in Accounts 1588 and 1589, given that OEB staff was unclear of the full impact of certain 2021 and 2022 reclassification adjustments proposed by Hydro One, as well as other issues pertaining to pre-2021 balances and post-2021 balances. OEB staff recommended that "the OEB should direct Hydro One to perform a further review of all of its balances" relating to Accounts 1588 and 1589. OEB staff noted that Hydro One's significant adjustments give rise to concerns that there may be systemic problems with Hydro One's commodity accounting, especially since Hydro One has not yet fully adopted the Accounting Guidance.

OEB staff was also concerned that Hydro One used a select approach in reflecting Accounts 1588 and 1589 principal adjustments on the Global Adjustment (GA) Analysis Workform and the DVA Continuity Schedule, as opposed to a consistent approach. OEB staff stated that Hydro One should comply with the OEB's requirements relating to the GA Analysis Workform and the DVA Continuity Schedule, as set out in the OEB's Chapter 3 filing requirements, as well as the OEB's instructions related to the GA Analysis Workform and DVA Continuity Schedule. OEB's

In its reply, Hydro One stated that it had reviewed the relevant data to confirm accuracy of the 2021 and 2022 Account 1588 and 1589 balances and confirmed there would be no material adjustments on a retrospective basis, following the final disposition in this proceeding. Hydro One submitted that no further reviews for Accounts 1588 and 1589 were required and questioned the additional value that further reviews and quantification plans would bring to confirm accuracy of the Account 1588 and 1589 balances.

Hydro One also disagreed with OEB staff that it used a select approach to reflect Accounts 1588 and 1589 adjustments. Hydro One stated that it is using a consistent approach to reflect Accounts 1588 and 1589 reclassification adjustments on the DVA Continuity Schedule based on audited actuals, consistent with historical practice. Hydro One stated that the two principal adjustments captured on the DVA Continuity Schedule were reclassification adjustments related to the audited balances between the two

²⁶ OEB Staff Interrogatory #11 Response, October 27, 2023

²⁷ Filing Requirements for Electricity Distribution Rate Applications - 2023 Edition for 2024 Rate Applications, Chapter 3, Incentive Rate-Setting Applications, June 15, 2023, section 3.2.6; Instructions for Completing GA Analysis Workform – 2024 Rates, June 23, 2023; IRM Rate Generator – DVA Tabs Instructions - 2024 Rates, July 18, 2023

specific accounts only and that the reconciliation items on the GA Analysis Workform were primarily related to timing differences.

Systemic Issues – Accounts 1588 and 1589

Hydro One stated that in early 2023, it identified an issue for the post-January 1, 2021 period related to the accounting in its general ledger of the invoices issued to the embedded distributors (i.e., on the revenue side). The accounting error resulted in the misallocation of commodity revenues and GA revenues. To address this issue, Hydro One proposed equal and offsetting reclassification adjustments to the 2021 and 2022 balances in Accounts 1588 and 1589, of \$24.8 million for 2021 and \$20.9 million for 2022.²⁸

OEB staff was concerned that two additional systemic issues raised in the 2021 Custom IR Update proceeding regarding conformity with the Accounting Guidance remain unresolved. One issue was that meter reading calendarization calculations were not conducted when settling with the IESO on a monthly basis.²⁹ The second issue was that the RPP settlements, and the splitting of IESO GA Charge Type 148 between Accounts 1588 and 1589 were based on retail loss adjusted consumption, rather than wholesale consumption.³⁰

OEB staff was also concerned that these two additional systemic issues remain ongoing, despite Hydro One's assertion that it reviewed all related data and processes and ensured alignment with the Accounting Guidance as of January 1, 2021.³¹ OEB staff was not clear why these two issues have not yet been resolved, given that these issues were brought to the OEB's attention over three years ago.

OEB staff submitted that the proposed reclassification adjustments were material. OEB staff also expressed its concern about the implication of these reclassification adjustments on Hydro One, specifically the implication of this issue on pre-2021 balances, despite Hydro One stating that there were no errors or impacts affecting these balances.

OEB staff submitted that the OEB should direct Hydro One to fully adopt the Accounting Guidance effective January 1, 2023, but if there were any concerns, Hydro One should

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²⁸ OEB Staff Interrogatory #6 Response, October 27, 2023

²⁹ OEB Staff Interrogatory #11 Response, October 27, 2023; EB-2020-0030, Response to OEB Staff Interrogatory #11 a), October 30, 2020

³⁰ OEB Staff Interrogatory #7 Response, October 27, 2023; EB-2020-0030, Response to OEB Staff Interrogatory #14, October 30, 2020

³¹ Exhibit A, Tab 4, Schedule 1, p. 13, August 17, 2023. OEB Staff Interrogatory #6 Response, October 27, 2023

advise of a date when it would be possible for Hydro One to fully implement the Accounting Guidance.

In its reply, Hydro One stated that the reclassification adjustments of \$24.8 million (2021) and \$20.9 million (2022) between Accounts 1588 and 1589 were a one-time, isolated issue starting in 2021. Hydro One stated that the reclassification was necessary because when Hydro One was setting up the new process for the Accounting Guidance, it incorrectly mapped the entry for embedded distributors. Hydro One noted that there were no historical issues that arose as a result from this point-in-time oversight.

Also in its reply, Hydro One stated that there were no ongoing systemic issues. Hydro One explained that the first issue described above was a technology system limitation that the OEB has previously acknowledged and accepted, and as a result, the OEB approved Hydro One's modified approach. Hydro One also explained that the second issue described above was not a systemic issue and that OEB staff may have misinterpreted statements made by Hydro One.

Hydro One also noted that adoption of the Accounting Guidance as of January 1, 2023 was not possible and could not be adopted retroactively (i.e., it can only be adopted prospectively). Additionally, Hydro One noted that the timeframe to implement changes to the current IT framework would be considerable.

Hydro One requested that, should the OEB determine that it is necessary for Hydro One to fully adopt the Accounting Guidance, a deferral account be approved in this proceeding to capture costs related to modifications and enhancements to its technology framework for recovery at Hydro One's next rebasing application.

Disposition of Account 1595

Hydro One requested disposition of a debit balance of \$6,222,411 in Account 1595, Disposition and Recovery/Refund of Regulatory Balances (2019), which relates to the Hydro One Distribution rate zone only.³² This amount relates to DVAs approved for disposition in Hydro One Distribution's 2018 Custom IR³³ proceeding.

In its submission, OEB staff did not support disposition of Account 1595. OEB staff required greater clarity regarding the amounts that were transferred to Account 1595 (2019) and the recoverability of a \$38 million amount, given the OEB's decision in Hydro One's 2021 Custom IR Update proceeding. In that proceeding, the OEB agreed with Hydro One's estimate of \$38 million as the amount that was under-collected, relating to

³² Hydro One Distribution DVA Continuity Schedule, I-01-01-02, October 27, 2023

³³ EB-2017-0049, Decision and Order, March 7, 2019

DVA balances that were approved for disposition in its 2018 Custom IR proceeding.³⁴ \$38 million was under-collected due to an accounting error made by Hydro One.

OEB staff also noted that Hydro One incorrectly transferred a credit of \$3.2 million to Account 1589 from Account 1595 (2021) in the 2022 transactions portion of the DVA Continuity Schedule and the GA Analysis Workform. ³⁵ OEB staff stated that this transfer was inconsistent with how the OEB treated similar cases regarding disposition of residual amounts. ³⁶

In its reply, Hydro One explained that, in the 2021 Custom IR Update proceeding where Account 1595 (2021) was established, the OEB approved the disposition of 2015-2019 audited balances. Hydro One confirmed that the 2015-2019 balances approved for disposition already included the under-collected amount of \$38 million, as it was captured in the final audited balances requested for disposition as of December 31, 2019. Following this decision, Hydro One proceeded to recover this amount and established Account 1595 (2021) in the normal course.

Hydro One also disagreed with OEB staff's assertion that Hydro One's approach of transferring the credit of \$3.2 million to Account 1589 from Account 1595 (2021) was incorrect. Hydro One stated that if the same accounting treatment implemented by Oshawa PUC (as referenced as a precedent by OEB staff) was adopted for Hydro One, the refund would be delayed by at least one year and further exacerbate the intergenerational inequity issues, as Account 1595 (2021) will not be eligible for disposition until 2025 at the earliest. Hydro One also stated that with its proposed approach the under-refunded GA amounts would be returned to the applicable non-transition customers as soon as possible.

Allocated DVA Balances

Hydro One stated that the Group 1 DVA balances were allocated to the Hydro One Distribution rate zone, the Peterborough rate zone, and the Orillia rate zone using the methodology approved in the OEB's Inspection Report,³⁷ which was primarily based on

³⁴ EB-2020-0030, Hydro One 2021 Custom IR Update, Decision and Rate Order, p. 18 & 19, December 17, 2020, Revised February 18, 2021

³⁵ OEB Staff Question #3 Response, August 29, 2023

³⁶ OEB Staff Interrogatory #14 Response, October 27, 2023; EB-2022-0057, Oshawa PUC Networks Inc, Decision and Rate Order, p. 8 & 9, December 8, 2022. This is a similar precedent where the OEB approved a sub-account of Account 1595 to be refunded only to non-RPP customers (as opposed to all customers), as it was global adjustment in nature

³⁷ EB-2021-0110, OEB Staff Interrogatory #G-Staff-311 Response, November 29, 2021, "Inspection of the Compliance of the RPP Settlement Process and Assessment of the DVA Allocation Methodology for the Acquired Utilities, Hydro One Networks Inc., March 4, 2019"

relevant historical sales volumes.³⁸ However, where possible, specific amounts were directly assigned to the appropriate rate zones.

OEB staff asked interrogatories seeking clarification on the balances allocated to each rate zone. In response, Hydro One stated that it had reviewed all relevant models and numbers and confirmed that all amounts were correct and did not require updates.³⁹ Similar issues related to Accounts 1588, 1589 and 1595 have been raised in the separate proceeding for the Hydro One Peterborough and Orillia rate zones.

Establishment of Forgone Revenue DVA

In order to address the possibility that the requested rate order cannot be made effective by January 1, 2024, Hydro One requested an interim rate order making its current distribution rates and charges effective on an interim basis as of January 1, 2024. Hydro One also requested the approval of a Forgone Revenue Deferral Account to recover any differences between the interim rates and final rates effective January 1, 2024, based on the OEB's decision and order.

Regarding any forgone revenue amounts, OEB staff submitted that there would be regulatory efficiencies to be gained and less intergenerational inequity by using forgone revenue rate riders in the current proceeding, rather than clearing a DVA in a future proceeding related to forgone revenue from the current proceeding.

Hydro One agreed with OEB staff that the use of a rate rider to capture any forgone revenue resulting from approved 2024 rates that would be implemented after the effective date of the 2024 rates would be appropriate.

Findings

The OEB finds it prudent to not dispose any of the Group 1 DVAs at this time. The OEB is concerned with OEB staff's and Hydro One's divergent views on this complicated accounting matter. While Hydro One is confident about disposing all its Group 1 DVA account balances, OEB staff has expressed reservations about balances in accounts 1588, 1589, and 1595 given that Hydro One has adopted the OEB's Accounting Guidance in a modified manner. Instead, the OEB requires Hydro One and OEB staff to convene to discuss the myriad accounting issues and the balances in Accounts 1588 and 1589 in a "settlement conference" setting with a goal of finding common ground to present a resolution to the OEB. It is expected that CME will not attend this settlement conference, however it is not prohibited from doing so. However, cost awards will not be granted to CME for its attendance. The OEB requires Hydro One to file a submission in

³⁸ OEB Staff Interrogatory #8 Response, October 27, 2023

³⁹ OEB Staff Interrogatory #8 Response, October 27, 2023

this matter by no later than May 31, 2024 on whether or not there is a settlement with OEB staff.

The OEB is approving the December 31, 2022 balances in all Group 1 DVA accounts of a debit balance of \$73,990,080 on a final basis, including interest projected to December 31, 2023, except Accounts 1588 and 1589, however no date for disposition is being established at this time.

Table 7.1 identifies the principal and interest amounts, which the OEB approves.

Table 7.1: Group 1 Deferral and Variance Account Balances – Hydro One Distribution Rate Zone

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
Low Voltage Variance Account	1550	3,538,602	438,618	3,977,220
Smart Metering Entity Charge Variance Account	1551	(4,520,751)	(293,349)	(4,814,100)
RSVA - Wholesale Market Service Charge	1580	52,288,039	3,179,486	55,467,525
Variance WMS – Sub- account CBR Class B	1580	(9,534,050)	(1,023,896)	(10,557,946)
RSVA - Retail Transmission Network Charge	1584	38,671,078	2,365,312	41,036,390
RSVA - Retail Transmission Connection Charge	1586	(15,327,760)	(2,013,660)	(17,341,421)
Disposition and Recovery/Refund of Regulatory Balances (2019) – HONI	1595	9,026,160	(2,803,749)	6,222,411
Totals for Group 1 accounts		74,141,318	(151,238)	73,990,080

The OEB is satisfied with Hydro One's response that the \$38 million adjustment for an error was addressed in Hydro One's 2021 Custom IR proceeding and therefore does not affect the balance in Account 1595 (2019). Any residual balance in Account 1595

(2021) will be addressed in a future proceeding and therefore is not in scope of this proceeding. While the OEB is approving these other Group 1 balances, disposition will be postponed until after the settlement conference with staff to coordinate with the disposition of Accounts 1588 and 1589 if possible. Additional interest will accrue on these accounts at the OEB prescribed rates.

The OEB expects Hydro One and OEB staff to focus their discussion only on the 2021 and 2022 balances in Accounts 1588 and 1589. The balances in the accounts for the pre-2021 period have been disposed on a final basis and the OEB is approving the balances in the other 2022 Group 1 balances. The OEB acknowledges that, while the focus of the discussions should be on the 2021 and 2022 balances in Accounts 1588 and 1589, it is open to the parties to discuss a resolution of other aspects as well.

The OEB is not fixing a date for this meeting to allow flexibility for OEB staff and Hydro One to find a mutually agreeable time to file a resolution. If OEB staff and Hydro One reach a settlement, the OEB expects the proposal to include a timeline for whether the balances should be cleared commencing mid-year 2024 or commencing January 1, 2025.

Despite Hydro One being approved to adopt the OEB's Accounting Guidance on a modified basis, the OEB is concerned that technological limitations are precluding the largest distributor in Ontario from adopting the OEB's Accounting Guidance fully and without modifications. While the modified approach may or may not be giving rise to systemic issues, this approach is requiring Hydro One to create alternative solutions to meter reading calendarization (and perhaps for other charges and charge types as well). The OEB finds this to be a sub-optimal solution and orders Hydro One to present a plan with the costs and implications of fully adopting the OEB's Accounting Guidance on a prospective basis no later than its next Custom IR application.

Given that the OEB is not requiring Hydro One to fully adopt the Accounting Guidance in this proceeding, the OEB finds that there is no need at this time to establish a deferral account to capture costs related to modifications and enhancements to Hydro One's technology framework.

In light of the timeliness of this decision, the OEB expects Hydro One to be able to make the necessary changes and test its billing system in time for bills with approved 2024 rates and charges to be issued in January 2024. Accordingly, the OEB concludes that neither a new DVA or rate rider to capture any forgone revenue for 2024 rates are required.

8. RETAIL SERVICE AND SPECIFIC SERVICE CHARGES

The OEB issued a report on energy retail service charges (RSCs) on November 29, 2018. This report amended the RSCs effective May 1, 2019. RSCs will also be increased by the OEB's inflation factor on January 1 of each year starting on January 1, 2020. The OEB issued a decision to establish the 2024 RSCs, effective January 1, 2024. Hydro One's 2024 tariff schedule reflects the new RSCs.

Specific service charges (SSCs) are charges for certain extra miscellaneous services such as special meter reads, late payment interest and reconnections. Hydro One has not updated SSCs for 2024 pursuant to the Custom IR Decision.⁴¹ The existing SSCs are included on the 2024 tariff schedule.

The OEB issued a decision to establish the 2024 Wireline Pole Attachment Charge, effective January 1, 2024.⁴² Hydro One's 2024 tariff schedule reflects the new charge of \$37.78 per attacher, per year, per pole.

Findings

The RSCs, SSCs and wireline pole attachment charges have already been approved by the OEB in previous decisions. Hydro One shall implement the approved charges per those decisions.

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⁴⁰ EB-2023-0193 Decision and Order, September 26, 2023

⁴¹ EB-2021-0110 Decision and Order, November 29, 2022, Schedule A, p. 104 of 117

⁴² EB-2023-0194 Decision and Order, September 26, 2023

9. IMPLEMENTATION

Pursuant to the approval by the OEB of this Partial Decision and Rate Order, the new rates are effective January 1, 2024 and to be implemented on January 1, 2024.

The Tariff of Rates and Charges incorporates the rates set out in the following table.

Table 9.1: Regulatory Charges

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0014
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 7, 2023.⁴³

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, 2022.⁴⁴

In the *Report of the Board: Review of Electricity Distribution Cost Allocation Policy*,⁴⁵ 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 November 29, 2023, the OEB issued a letter advising electricity distributors that the microFIT charge shall remain at \$4.55 for the duration of the 2024 rate year (January 1 to December 31, 2024).⁴⁶

⁴³ EB-2023-0268, Decision and Order, December 7, 2023

⁴⁴ EB-2022-0137, Decision and Order, September 8, 2022

⁴⁵ EB-2010-0219, Report of the Board "Review of Electricity Distribution Cost Allocation Policy", March 31, 2011

⁴⁶ OEB Letter, "Review of Fixed Monthly Charge for microFIT Generator Service Classification", November 29, 2023

10. ORDER

THE ONTARIO ENERGY BOARD ORDERS THAT:

- 1. An un-transcribed settlement conference among Hydro One Networks Inc. and OEB staff will be convened on a mutually agreeable date. The OEB has determined that, in accordance with the OEB's <u>Practice Direction on Settlement Conferences</u>, OEB staff will be a party to the settlement conference and to any resulting settlement proposal. The OEB does not anticipate that CME will participate in the settlement conference, but it is not prohibited from doing so. However, CME will not be eligible for a cost award for its participation in the settlement conference. This will be a virtual event and information on how to participate will be provided in advance of the conference. If clarifying questions are sent to Hydro One Networks Inc. as part of the settlement process, they should be submitted as far in advance as possible of the commencement of the settlement conference, in the interests of making the settlement process as efficient as possible.
- 2. **Within 48 hours** of the conclusion of the settlement conference, Hydro One Networks Inc. shall file a letter informing the OEB of the status of the settlement discussions including whether a tentative agreement had been reached or if the parties propose to continue the settlement discussions.
- 3. If there is no settlement proposal arising from the settlement conference, Hydro One Networks Inc. shall file a statement to that effect with the OEB by **May 31, 2024**.
- 4. If there is a settlement, any settlement proposal arising from the settlement conference shall be filed with the OEB on or before **May 31, 2024**. In addition to outlining the terms of any settlement, the settlement proposal should contain a list of any unsettled issues, indicating with reasons whether the parties believe those issues should be dealt with by way of oral or written hearing.
- 5. Hydro One Networks Inc.'s new final distribution rates shall be effective January 1, 2024, in accordance with this Partial Decision and Rate Order.
- 6. The Tariff of Rates and Charges set out at Schedule A of this Partial Decision and Rate Order is deemed draft until the following procedural steps have been complied with:
 - i. Hydro One Networks Inc. shall review the Tariff of Rates and Charges and shall file with the OEB, as applicable, a written confirmation of its completeness and accuracy, or provide a detailed explanation of any inaccuracies or missing information, by **December 21, 2023**.

- ii. The Tariff of Rates and Charges will be considered final if Hydro One Networks Inc. does not provide a submission to the OEB that inaccuracies were found or information was missing pursuant to item 6.i
- iii. If the OEB receives a submission from Hydro One Networks Inc. to the effect that inaccuracies were found or information was missing pursuant to item 6.i, the OEB will consider the submission and issue a final Rate Order.
- 7. Hydro One Networks Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

COST AWARDS

The OEB will issue a separate decision on cost awards once the following steps are completed:

- 1. CME shall submit to the OEB and copy Hydro One Networks Inc. its cost claims no later than December 21, 2023.
- 2. Hydro One Networks Inc. may file with the OEB and forward to CME any objections to the claimed costs by January 4, 2024.
- 3. CME may file with the OEB and forward to Hydro One Networks Inc. any responses to any objections for cost claims by January 11, 2024.
- 4. Hydro One Networks Inc. shall pay the OEB's costs incidental to this proceeding upon receipt of the OEB's invoice.

Parties are responsible for ensuring that any documents they file with the OEB, such as applicant and intervenor evidence, interrogatories and responses to interrogatories or any other type of document, **do not include personal information** (as that phrase is defined in the *Freedom of Information and Protection of Privacy Act*), unless filed in accordance with rule 9A of the OEB's <u>Rules of Practice and Procedure</u>.

Please quote file number, **EB-2023-0030** for all materials filed and submit them in searchable/unrestricted PDF format with a digital signature through the <u>OEB's online filing portal</u>.

- Filings should clearly state the sender's name, postal address, telephone number and e-mail address.
- Please use the document naming conventions and document submission standards outlined in the Regulatory Electronic Submission System (RESS)

<u>Document Guidelines</u> found at the <u>File documents online page</u> on the OEB's website.

- Parties are encouraged to use RESS. Those who have not yet <u>set up an account</u>, or require assistance using the online filing portal can contact <u>registrar@oeb.ca</u> for assistance.
- Cost claims are filed through the OEB's online filing portal. Please visit the <u>File</u> documents online page of the OEB's website for more information. All participants shall download a copy of their submitted cost claim and serve it on all required parties as per the <u>Practice Direction on Cost Awards</u>.

All communications should be directed to the attention of the Registrar and be received by end of business, 4:45 p.m., on the required date.

With respect to distribution lists for all electronic correspondence and materials related to this proceeding, parties must include the Case Manager, Daniel Kim at daniel.kim@oeb.ca, and OEB Counsel, James Sidlofsky at james.sidlofsky@oeb.ca.

Email: registrar@oeb.ca

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

DATED at Toronto, December 14, 2023

ONTARIO ENERGY BOARD

Nancy Marconi Registrar

SCHEDULE A PARTIAL DECISION AND RATE ORDER HYDRO ONE NETWORKS INC. TARIFF OF RATES AND CHARGES EB-2023-0030

December 14, 2023

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

RESIDENTIAL SERVICE CLASSIFICATIONS - HYDRO ONE NETWORKS INC. SERVICE AREA

These classifications apply to year-round and seasonal residential properties. A year-round residential property, located in Hydro One Networks Inc.'s service area excluding former Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Services Inc.'s service areas., is considered to be customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. All of the following criteria must be met:

- 1. Occupant represents and warrants to Hydro One Networks Inc. that for so long as he/she has year-round residential rate status for the identified dwelling, he/she will not designate another property that he/she owns as a year-round residence for purposes of Hydro One rate classification.
- 2. Occupier must live in this residence for at least four (4) days of the week for eight (8) months of the year and the Occupier must not reside anywhere else for more than three (3) days a week during eight (8) months of the year.
- 3. The address of this residence must appear on documents such as the occupant's electric bill, driver's licence, credit card invoice, property tax bill, etc.
- 4. Occupants who are eligible to vote in Provincial of Federal elections must be enumerated for this purpose at the address of this residence.

A seasonal property is defined as any residential service that does not meet residential year-round criteria. It includes dwellings such as cottages, chalets and camps.

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

Hydro One Networks' residential service area is sub-divided into three density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Medium Density Zone is defined as areas containing 100 or more customers with a line density of at least 15 customers per circuit kilometer.
- Low Density Zone is defined as areas other than Urban or Medium Density Zone.

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.

Effective and Implementation Date January 1, 2024

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

approved serieut	nos of Raics, offarges and Loss ractors		EB-2023-0030
URBAN DENSITY - UR			
MONTHLY RATES AND CHARGES - Deliv	ery Component		
Service Charge		\$	40.00
Smart Metering Entity Charge - effective until December	r 31, 2027	\$	0.42
Rate Rider for Disposition of Group 2 Deferral/Variance	Accounts (2023) - effective until December 31, 2025	\$	(0.11)
Rate Rider for Disposition of Group 1 Deferral/Variance	Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Accour	nt (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see	Note 4)	\$/kWh	0.0126
Retail Transmission Rate - Line and Transformation Co	onnection Service Rate (see Note 5)	\$/kWh	0.0093
MONTHLY RATES AND CHARGES - Regu	latory Component		
Wholesale Market Service Rate (WMS) - not including	CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class	B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RF	RRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if ap	plicable)	\$	0.25

EB-2023-0030

Hydro One Networks Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

MEDIUM DENSITY - R1** MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	68.30
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 3	31, 2025 \$	(0.21)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 3	31, 2025 \$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025	(see Note 13) \$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0118
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0087

^{**}The rates set out above do not reflect the impact of the Distribution Rate Protection program on R1 customers per Ontario Regulation 198/17.

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

LOW DENSITY - R2** MONTHLY RATES AND CHARGES - Delivery Component

EB-2023-0030

Service Charge* - applicable to year-round low-density customers	\$	138.59
Service Charge - applicable to Seasonal customers	\$	73.88
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0126
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$	(0.44)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0109
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0082

^{*}Under the Ontario Energy Board Act, 1998 and associated Regulations, every qualifying year-round customer with a principal residence is eligible to receive Rural of Remote Rate Protection (RRRP). The service charge shown for eligible R2 customers will be reduced by the applicable RRRP credit, currently at \$60.50.

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

^{**}The rates set out above do not reflect the impact of the Distribution Rate Protection program on R2 customers per Ontario Regulation 198/17.

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

GENERAL SERVICE CLASSIFICATIONS - HYDRO ONE NETWORKS INC. SERVICE AREA

These classifications apply to properties located in Hydro One Networks Inc.'s service area, which excludes former Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Services Inc.'s service areas with one exception - Sub-Transmission (ST). The ST rate class applies to properties located in Hydro One Networks Inc. service area as well as former Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Service Inc.'s service areas. General Service classification applies to any service that does not fit the description of residential classes. It includes combination type services where a variety of uses are made of the service by the owner of one property, and all multiple services except residential. 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

Hydro One Networks' General Service area is sub-divided into two density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Non-Urban Density Zone is defined as areas other than Urban Density Zone.

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.

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

URBAN GENERAL SERVICE ENERGY BILLED - UGe

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

Service Charge	\$	25.51
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0352
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0099
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0078
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

GENERAL SERVICE ENERGY BILLED - GSe

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

Service Charge	\$	32.78
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0731
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0093
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0074
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

URBAN GENERAL SERVICE DEMAND BILLED - UGd

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter of equivalent electronic meter shall be used for measuring and billing.

Service Charge	\$	96.47		
Distribution Volumetric Rate	\$/kW	11.9310		
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (General) (2023) - effective until December 31, 2025 (see Note 9)	\$/kW	(0.1053)		
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (Non-WMP) (2023) - effective until December 31, 2025 (see Note 10)	\$/kW	(0.1473)		
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kW	(0.0421)		
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)		
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	3.6705		
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	2.8252		
MONTHLY RATES AND CHARGES - Regulatory Component				
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041		
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004		
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014		
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25		

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

GENERAL SERVICE DEMAND BILLED - GSd

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

Service Charge	\$	105.55
Distribution Volumetric Rate	\$/kW	20.5366
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (General) (2023) - effective until December 31, 2025 (see Note 9)	\$/kW	(0.0855)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (Non-WMP) (2023) - effective until December 31, 2025 (see Note 10)	\$/kW	(0.1195)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kW	(0.0710)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	2.8418
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	2.2256
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

DISTRIBUTED GENERATION - DGen

This classification applies to an embedded retail generation facility connected to the distribution system that is not classified as MicroFIT generation. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing. Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

Service Charge	\$	199.26
Distribution Volumetric Rate	\$/kW	12.8895
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (General) (2023) - effective until December 31,	Φ // . \ A /	(0.0004)
2025 (see Note 9)	\$/kW	(0.0394)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (Non-WMP) (2023) - effective until December 31,		(0.0505)
2025 (see Note 10)	\$/kW	(0.0565)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kW	(0.0930)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	1.5596
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.9549
MONTHLY RATES AND CHARGES - Regulatory Component		
morring in the private of the privat		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

SUB TRANSMISSION - ST

This classification applies to either:

- Embedded supply to Local Distribution Companies (LDCs). "Embedded" meaning receiving supply via Hydro One Distribution assets, and where Hydro One is the host distributor to the embedded LDC. Situations where the LDC is supplied via Specific Facilities are included. OR
- · Load which:
 - o is three-phase; and
 - is connected to and supplied from Hydro One Distribution assets between 44 kV and 13.8 kV inclusive, where
 44 kV and 13.8 kV are the voltage of the primary side of the local transformer; local transformer can be Hydro One-owned or customer-owned; and
 - o is greater than 500 kW (monthly measured maximum demand averaged over the most recent calendar year or whose forecasted monthly average demand over twelve consecutive months is greater than 500 kW).

Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

Service Charge	\$	824.28
Meter Charge (for Hydro One ownership) (see Note 11)	\$	417.59
Local Transformation Charge (per transformer) (see Note 15)	\$	200.00
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.6301
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	655.2453
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Notes 1 and 14)	Station (see \$/kW	3.4164
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution S Notes 1 and 14)	Station (see \$/kW	5.4419
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (se and 14)	ee Notes 3 \$/kW	2.0255
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (General) (2023) - effective until Dece 2025 (see Notes 1 and 9)	ember 31, \$/kW	(0.1340)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (Non-WMP) (2023) - effective until De 2025 (see Notes 1 and 10)	ecember 31, \$/kW	(0.1880)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) (Applicable to Hydro One leganly) - effective until December 31, 2025 (see Notes 1 and 16)	acy customers \$/kW	(0.0072)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (se	e Note 13) \$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (former Woodstock GS >1,000kW Customers only) - effection December 31, 2025 (see Note 1)	ve until \$/kW	0.0277
Rate Rider for Disposition of Account 1595 (former Woodstock GS 50-999kW Customers only) - effecti December 31, 2025 (see Note 1)	ve until \$/kW	0.0327
Rate Rider for Disposition of Account 1595 (former Norfolk GS 50-4,999kW Customers only) - effective December 31, 2025 (see Note 1)	until \$/kW	0.0327
Rate Rider for Disposition of Account 1592 (former Norfolk GS 50-4,999kW Customers only) - effective December 31, 2025 (see Note 1)	until \$/kW	(0.0618)

Effective and Implementation Date January 1, 2024

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

EB-2023-			
Rate Rider for Disposition of Account 1592 (former Halidmand GS 50-4,999kW Customers only) - effective until December 31, 2025 (see Note 1)	\$/kW	(0.0603)	
Rate Rider for Disposition of Account 1592 (former Woodstock GS 50-999kW Customers only) - effective until December 31, 2025 (see Note 1)	\$/kW	(0.0392)	
Rate Rider for Disposition of Account 1592 (former Woodstock GS >1,000kW Customers only) - effective until December 31, 2025 (see Note 1)	\$/kW	(0.0438)	
Retail Transmission Service Rates (see Notes 6 and 7) Retail Transmission Rate - Network Service Rate (see Note 4) Retail Transmission Rate - Line Connection Service Rate (see Note 5)	\$/kW \$/kW	4.9103 0.6537	
Retail Transmission Rate - Transformation Connection Service Rate (see Note 5)	\$/kW	3.3041	
MONTHLY RATES AND CHARGES - Regulatory Component			
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041	
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004	
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to properties located in Hydro One Networks Inc. service area as well as former Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Services Inc.'s service areas.

Unmetered Scattered Load 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. The amount of electricity consumed by unmetered connections will be based on detailed information/documentation provided by the device's manufacturer and will be agreed to by Hydro One and the customer and may be subject to periodic monitoring of actual consumption. Eligible unmetered loads include cable TV amplifiers, bus shelters, telephone booths, railway crossings and other small fixed loads. 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	\$	38.29
Distribution Volumetric Rate	\$/kWh	0.0292
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) (Applicable to Hydro One legacy customer only) - effective until December 31, 2025 (see Note 16)	s \$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (Applicable to former Woodstock USL customers only) - effective until December 31, 2025	\$/kWh	(0.0002)
Rate Rider for Disposition of Account 1595 (Applicable to former Norfolk USL customers only) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Account 1592 (Applicable to former Norfolk USL customers only) - effective until December 31, 2025	\$/kWh	(0.0008)
Rate Rider for Disposition of Account 1592 (Applicable to former Haldimand USL customers only) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Account 1592 (Applicable to former Woodstock USL customers only) - effective until December 31, 2025	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate (see Note 4) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh \$/kWh	0.0079 0.0059
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification is applicable to all Hydro One Networks' customers, including customers in former Norfolk Power Distribution Inc. and Haldimand County Hydro Inc. service areas who have separate service to a sentinel light. The energy consumption for sentinel lights is estimated based on Networks' profile for sentinel lighting load, which provides the amount of time each month that the sentinel lights are operating. Class B consumers are defined in accordance to 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, in should be noted that 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	\$	3.29
Distribution Volumetric Rate	\$/kWh	0.1816
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) (Applicable to Hydro One legacy customer only) - effective until December 31, 2025 (see Note 16)	s \$/kWh	(0.0005)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (Applicable to former Norfolk Sentinel Light customers only) - effective until December 31, 2025	\$/kWh	(0.0005)
Rate Rider for Disposition of Account 1592 (Applicable to former Norfolk Sentinel Light customers only) - effective until December 31, 2025	\$/kWh	(0.0018)
Rate Rider for Disposition of Account 1592 (Applicable to former Haldimand Sentinel Light customers only) - effective until December 31, 2025	\$/kWh	(0.0055)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0054
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

STREET LIGHTING SERVICE CLASSIFICATION

This classification is applicable to all Hydro One Networks' customers, including customers in former Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Services Inc.'s service areas, who have streetlights, which are devices owned by or operated for a road authority and/or municipal corporation. The energy consumption for street lights is estimated based on Networks' profile for street lighting load, which provides the amount of time each month that the street lights are operating. 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, it should be noted that 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	\$	3.27
Distribution Volumetric Rate	\$/kWh	0.1186
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2023) (Applicable to Hydro One legacy customers only) - effective until December 31, 2025 (see Note 16)	s \$/kWh	(0.0004)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (Applicable to former Woodstock Street Light customers only) - effective until December 31, 2025	\$/kWh	0.0001
Rate Rider for Disposition of Account 1595 (Applicable to former Norfolk Street Light customers only) - effective until December 31, 2025	l \$/kWh	(0.0004)
Rate Rider for Disposition of Account 1592 (Applicable to former Norfolk Street Light customers only) - effective until December 31, 2025	l \$/kWh	(0.0011)
Rate Rider for Disposition of Account 1592 (Applicable to former Haldimand Street Light customers only) - effective until December 31, 2025	\$/kWh	(0.0028)
Rate Rider for Disposition of Account 1592 (Applicable to former Woodstock Street Light customers only) - effective until December 31, 2025	\$/kWh	(0.0013)
Retail Transmission Rate - Network Service Rate (see Note 4) Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh \$/kWh	0.0068 0.0054
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

ACQUIRED RESIDENTIAL SERVICE CLASSIFICATIONS

These classifications apply to Residential and Seasonal properties in the service areas of former Norfolk Power, Haldimand county Hydro, and Woodstock Hydro, which are utilities acquired by Hydro One Networks after 2013. It may include additional buildings served through the same meter, provided they are not rental income units. 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.

ACQUIRED URBAN DENSITY - AUR

This classification applies to residential accounts in acquired service areas (after 2013) with urban density and currently includes customers in the former Woodstock Hydro Services Inc.'s service area.

	Service Charge	\$	33.03	
	Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42	
	Rate Rider for Disposition of Account 1592 - effective until December 31, 2025	\$	(0.40)	
	Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)	
	Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)	
	Rate Rider for Disposition of Account 1595 - effective until December 31, 2025	\$/kWh	(0.0002)	
	Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0130	
	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0096	
MONTHLY RATES AND CHARGES - Regulatory Component				
	Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041	
	Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004	
	Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014	
	Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	

Effective and Implementation Date January 1, 2024

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

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ACQUIRED MIXED DENSITY - AR

This classification applies to residential accounts in acquired service areas (after 2013) with mixed-density (that is, combination of Urban, Medium and Low density areas) and currently includes customers in the former Norfolk Power Distribution Inc. and Haldimand County Hydro Inc.'s service territories.

Service Charge	\$	40.10
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Rate Rider for Disposition of Account 1592 (Applicable to former Norfolk Residential customers only) - effective until December 31, 2025	\$	(0.43)
Rate Rider for Disposition of Account 1592 (Applicable to former Haldimand Residential customers only) - effective	· ·	
until December 31, 2025 Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$ \$/kWh	(0.46) (0.0007)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (Applicable to former Norfolk Residential customers only) - effective until		
December 31, 2025	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0124
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0093
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

ACQUIRED GENERAL SERVICE CLASSIFICATIONS

Acquired General Service classification applies to any service that does not fit the description of acquired residential classes. It includes combination type services where a variety of uses are made of the service by the owner of one property, and all multiple services except residential. 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.

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

ACQUIRED URBAN DENSITY GENERAL SERVICE ENERGY BILLED - AUGE

This classification applies to non-residential accounts in acquired service areas (after 2013) with urban density and currently includes customers located in former Woodstock Hydro Services Inc's service territory, whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

Service Charge	\$	26.36
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0165
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 - effective until December 31, 2025	\$/kWh	(0.0002)
Rate Rider for Disposition of Account 1592 - effective until December 31, 2025	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0100
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0078
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

ACQUIRED MIXED DENSITY GENERAL SERVICE ENERGY BILLED - AGSE

This classification applies to non-residential accounts in acquired service areas (after 2013) with mixed-density (that is, combination of Urban, Medium and Low density areas) and currently includes customers located in former Norfolk Power Distribution Inc. and Haldimand County Hydro Inc.'s service territories, whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

Service Charge Smart Metering Entity Charge - effective until December 31, 2027	\$ \$	39.96 0.42
Distribution Volumetric Rate	\$/kWh	0.0201
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2023) - effective until December 31, 2025	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (Applicable to former Norfolk GS<50kW customers only) - effective until December 31, 2025	\$/kWh	(0.0001)
Rate Rider for Disposition of Account 1592 (Applicable to former Norfolk GS<50kW customers only) - effective until December 31, 2025	\$/kWh	(0.0004)
Rate Rider for Disposition of Account 1592 (Applicable to former Haldimand GS<50kW customers only) - effective		
until December 31, 2025	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0098
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0076
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

ACQUIRED URBAN DENSITY GENERAL SERVICE DEMAND BILLED - AUGD

This classification applies to non-residential accounts in acquired service areas (after 2013) with Urban density and currently includes customers located in former Woodstock Hydro Services Inc.'s service territory and whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter of equivalent electronic meter shall be used for measuring and billing.

\$ \$/kW	146.47 3.0288
\$/kW	(0.0972)
\$/kW	(0.1351)
\$/kWh \$/kW \$/kW \$/kW \$/kW	(0.0009) 0.0327 (0.0392) 3.3818 2.5948
\$/kWh \$/kWh \$/kWh	0.0041 0.0004 0.0014 0.25
	\$/kW \$/kW \$/kWh \$/kWh \$/kW \$/kW

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

ACQUIRED MIXED DENSITY GENERAL SERVICE DEMAND BILLED - AGSD

This classification applies to non-residential accounts in acquired service areas (after 2013) with mixed-density (that is, combination of Urban, Medium and Low density areas) and currently includes customers located in former Norfolk Power Distribution Inc. and Haldimand County Hydro Inc.'s service territories and whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter of equivalent electronic meter shall be used for measuring and billing.

Service Charge	\$	170.26
Distribution Volumetric Rate	\$/kW	4.9080
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (General) (2023) - effective until December 31, 2025 (see Note 9)	\$/kW	(0.0980)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (Non-WMP) (2023) - effective until December 31, 2025 (see Note 10)	\$/kW	(0.1364)
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until December 31, 2025 (see Note 13)	\$/kWh	(0.0009)
Rate Rider for Disposition of Account 1595 (Applicable to former Norfolk GS 50-4,999kW customers only) - effective until December 31, 2025	\$/kW	0.0327
Rate Rider for Disposition of Account 1592 (Applicable to former Norfolk GS 50-4,999kW customers only) - effective until December 31, 2025	\$/kW	(0.0618)
Rate Rider for Disposition of Account 1592 (Applicable to former Haldimand GS 50-4,999kW customers only) - effective until December 31, 2025	\$/kW	(0.0603)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	2.9125
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	2.2909
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0014
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2024

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

EB-2023-0030

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility, located in Hydro One Networks Inc. service area as well as former Norfolk Power Distribution Inc., Haldimand County Hydro Inc. and Woodstock Hydro Services Inc.'s service areas, 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 January 1, 2024

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

EB-2023-0030

ALLOWANCES

CUSTOMER-SUPPLIED TRANSFORMATION ALLOWANCE

Applicable to customers providing their own transformers and the primary voltage is under 50 kV

Demand Billed - per kW of billing demand/month \$/kW (0.60) Energy Billed - per kWh of billing energy/month \$/kWh (0.0014)

TRANFORMER LOSS ALLOWANCE

Applicable to non-ST customers requiring a billing adjustment for transformer losses as the result of being metered on the primary side of a transformer. The following uniform values shall be applied to measured demand and energy to calculate transformer losses for voltages up to and including 50 kV (as metered on the primary side).

Applicable to ST customers requiring a billing adjustment for transformer losses as the result of being metered on the secondary side of a transformer. The uniform value of 1% shall be added to measured demand and energy (as measured on the secondary side) to adjust for transformer losses

Alternately, transformer losses may be determined from transformer test data, and measured demand and energy adjusted accordingly.

For services which are not demand metered, an assumed demand of 50% of the transformer capacity will be used to calculate the loss allowance. Where several transformers are involved, the bank capacity is assumed to be the arithmetic sum of all transformer capacities.

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Hydro One Networks Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

LOSS FACTORS	25 2020 0000
Residential - UR	1.057
Residential - R1	1.076
Residential - R2	1.105
General Service - UGe	1.067
General Service - GSe	1.096
General Service - UGd	1.050
General Service - GSd	1.061
Distributed Generation - Dgen	1.061
Unmetered Scattered Load	1.092
Sentinel Lights	1.092
Street Lights	1.092
Acquired Residential - AUR	1.043
Acquired General Service - AUGe	1.043
Acquired General Service - AUGd	1.033
Acquired Residential - AR	1.064
Acquired General Service - AGSe	1.064
Acquired General Service - AGSd	1.053
Sub Transmission - ST	
Distribution Loss Factors	
Embedded Delivery Points (metering at station)	1.000
Embedded Delivery Points (metering away from station)	1.028
Total Loss Factors	
Embedded Delivery Points (metering at station)	1.006
Embedded Delivery Points (metering away from station)	1.034

Effective and Implementation Date January 1, 2024

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

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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.

Easement letter - letter request Easement letter - web request Easement letter - web request Returned cheque charge \$ 25.00 Returned cheque charge \$ 7.00 Account set up charge/change of occupancy charge (plus credit agency costs, if applicable) \$ 38.00 Special meter reads (retailer requested off-cycle read) \$ 90.00 Meter dispute charge plus Measurement Canada fees (if meter found correct) **Non-Payment of Account** Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) Collection - reconnect at meter - during regular hours Collection - reconnect at meter - after regular hours \$ 185.00 Collection - reconnect at meter - after regular hours \$ 185.00 Collection - reconnect at pole - during regular hours \$ 185.00 Collection - reconnect at pole - after regular hours \$ 210.00^* Service call - customer owned equipment - during regular hours \$ 210.00^* Service call - customer owned equipment - after regular hours \$ 210.00^* Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) \$ 3,717.21 Service consings **A,965.66 plus Railway Feedthrough Feedthrough Feedthrough	Customer Administration		
Returned cheque charge Account set up charge/change of occupancy charge (plus credit agency costs, if applicable) Special meter reads (retailer requested off-cycle read) Special meter reads (retailer requested off-cycle read) Meter dispute charge plus Measurement Canada fees (if meter found correct) Solution Non-Payment of Account Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) Collection - reconnect at meter - during regular hours Collection - reconnect at meter - after regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Railway Feedthrough	Easement letter - letter request	\$	92.51
Account set up charge/change of occupancy charge (plus credit agency costs, if applicable) Special meter reads (retailer requested off-cycle read) Meter dispute charge plus Measurement Canada fees (if meter found correct) Non-Payment of Account Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) Collection - reconnect at meter - during regular hours Collection - reconnect at meter - during regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - a	Easement letter - web request	\$	25.00
Special meter reads (retailer requested off-cycle read) Meter dispute charge plus Measurement Canada fees (if meter found correct) S 30.00 Non-Payment of Account Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) Collection - reconnect at meter - during regular hours Collection - reconnect at meter - after regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - custo	Returned cheque charge	\$	7.00
Non-Payment of Account \$ 30.00 Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) % 1.50 Collection - reconnect at meter - during regular hours \$ 65.00 Collection - reconnect at meter - after regular hours \$ 185.00 Collection - reconnect at pole - during regular hours \$ 185.00 Collection - reconnect at pole - after regular hours \$ 210.00° Collection - reconnect at pole - after regular hours \$ 210.00° Collection - reconnect at pole - after regular hours \$ 210.00° Service call - customer owned equipment - during regular hours \$ 775.00° Service call - customer owned equipment - after regular hours \$ 775.00° Specific charge for access to power poles - telecom \$ 37.78 Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Reconnect completed after regular hours (customer/contract driven) - at pole \$ 475.00 Additional service layout fee - basic/complex (more than one hour) \$ 595.20 Pipeline crossings \$ 2,499.29 Water crossings \$ 4,965.66 plus Railway Feedthrough	Account set up charge/change of occupancy charge (plus credit agency costs, if applicable)	\$	38.00
Non-Payment of Account Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) % 1.50 Collection - reconnect at meter - during regular hours \$ 65.00 Collection - reconnect at meter - after regular hours \$ 185.00 Collection - reconnect at pole - during regular hours \$ 185.00 Collection - reconnect at pole - during regular hours \$ 185.00 Collection - reconnect at pole - after regular hours \$ 185.00 Collection - reconnect at pole - after regular hours \$ 210.00° Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom \$ 37.78 Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Additional service layout fee - basic/complex (more than one hour) \$ 595.20 Pipeline crossings \$ 2,499.29 Water crossings \$ \$ 3,717.21 Railway crossings	Special meter reads (retailer requested off-cycle read)	\$	90.00
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate) Collection - reconnect at meter - during regular hours Collection - reconnect at meter - after regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Railway crossings Railway crossings	Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Collection - reconnect at meter - during regular hours Collection - reconnect at meter - after regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Railway crossings Railway crossings Railway Feedthrough	Non-Payment of Account		
Collection - reconnect at meter - after regular hours Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Railway crossings Railway crossings	Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Collection - reconnect at pole - during regular hours Collection - reconnect at pole - after regular hours Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Water crossings Railway crossings Railway crossings Railway Feedthrough	Collection - reconnect at meter - during regular hours	\$	65.00
Collection - reconnect at pole - after regular hours \$ 415.00 Other Service call - customer owned equipment - during regular hours \$ 210.00* Service call - customer owned equipment - after regular hours \$ 775.00* Specific charge for access to power poles - telecom \$ 37.78 Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Reconnect completed after regular hours (customer/contract driven) - at pole \$ 475.00 Additional service layout fee - basic/complex (more than one hour) \$ 595.20 Pipeline crossings \$ 2,499.29 Water crossings \$ 3,717.21 Railway crossings \$ \$4,965.66 plus Railway Feedthrough	Collection - reconnect at meter - after regular hours	\$	185.00
Other Service call - customer owned equipment - during regular hours \$ 210.00* Service call - customer owned equipment - after regular hours \$ 775.00* Specific charge for access to power poles - telecom \$ 37.78 Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Reconnect completed after regular hours (customer/contract driven) - at pole \$ 475.00 Additional service layout fee - basic/complex (more than one hour) \$ 595.20 Pipeline crossings \$ 2,499.29 Water crossings \$ 3,717.21 Railway crossings \$ 44,965.66 plus Railway crossings Railway Feedthrough	Collection - reconnect at pole - during regular hours	\$	185.00
Service call - customer owned equipment - during regular hours Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Santa Service layout fee - basic/complex (more than one hour) Railway crossings Railway crossings	Collection - reconnect at pole - after regular hours	\$	415.00
Service call - customer owned equipment - after regular hours Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Water crossings Railway crossings Railway crossings Railway feedthrough	Other		
Specific charge for access to power poles - telecom Reconnect completed after regular hours (customer/contract driven) - at meter Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings Water crossings Railway crossings Railway crossings Railway Feedthrough	Service call - customer owned equipment - during regular hours	\$	210.00*
Reconnect completed after regular hours (customer/contract driven) - at meter \$ 245.00 Reconnect completed after regular hours (customer/contract driven) - at pole \$ 475.00 Additional service layout fee - basic/complex (more than one hour) \$ 595.20 Pipeline crossings \$ 2,499.29 Water crossings \$ 3,717.21 Railway crossings \$ \$4,965.66 plus Railway Feedthrough	Service call - customer owned equipment - after regular hours	\$	775.00*
Reconnect completed after regular hours (customer/contract driven) - at pole Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings \$ 2,499.29 Water crossings \$ 3,717.21 \$ \$4,965.66 plus Railway crossings Railway Feedthrough	Specific charge for access to power poles - telecom	\$	37.78
Additional service layout fee - basic/complex (more than one hour) Pipeline crossings Water crossings \$ 2,499.29 \$ 3,717.21 \$ \$4,965.66 plus Railway crossings Railway before than one hour)	Reconnect completed after regular hours (customer/contract driven) - at meter	\$	245.00
Pipeline crossings \$ 2,499.29 Water crossings \$ 3,717.21 \$ \$ \$4,965.66 plus Railway crossings Railway Feedthrough	Reconnect completed after regular hours (customer/contract driven) - at pole	\$	475.00
Water crossings \$ 3,717.21 \$ \$4,965.66 plus Railway crossings Railway Feedthrough	Additional service layout fee - basic/complex (more than one hour)	\$	595.20
\$ \$4,965.66 plus Railway crossings Railway Feedthrough	Pipeline crossings	\$	2,499.29
\$4,965.66 plus Railway crossings Railway crossings Feedthrough	Water crossings	\$	3,717.21
Railway crossings Railway Feedthrough		\$	44.005.00
Railway crossings Feedthrough			
Q	Railway crossings		,
			Costs

Effective and Implementation Date January 1, 2024

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

approved schedules of Rates, Charges and Loss Factors		
		EB-2023-0030
Overhead line staking per meter	\$	4.42
Underground line staking per meter	\$	3.18
Subcable line staking per meter	\$	2.78
Central metering - new service <45 kw	\$	100.00
Conversion to central metering <45 kw	\$	1,612.75
Conversion to central metering <45 kw	\$	1,512.75
Connection impact assessments - net metering	\$	3,329.86
Connection impact assessments - met metering Connection impact assessments - embedded LDC generators	\$ \$,
Connection impact assessments - small projects <= 500 kw		2,996.97
·	\$	3,405.38
Connection impact assessments - small projects <= 500 kw, simplified	\$	2,054.41
Connection impact assessments - greater than capacity allocation exempt projects - capacity allocation required projects	\$	9,011.83
Connection impact assessments - greater than capacity allocation exempt projects - TS review for LDC capacity allocation required projects	\$	5,969.89
Specific charge for access to power poles - LDC	\$	see below
Specific charge for access to power poles - generators	\$	see below
Specific charge for access to power poles - municipal streetlights	\$	2.04
Sentinel light rental charge	\$	10.00
Sentinel light pole rental charge	\$	7.00
*Base Charge only. Additional work on equipment will be based on actual costs.		
Specific Charge for LDCs Access to the Power Poles (\$/pole/year)		
LDC rate for 10' of power space	\$	90.60
LDC rate for 15' of power space	\$	108.72
LDC rate for 20' of power space	\$	120.80
LDC rate for 25' of power space	\$	129.43
LDC rate for 30' of power space	\$	135.90
LDC rate for 35' of power space	\$	140.93
LDC rate for 40' of power space	\$	144.96
LDC rate for 45' of power space	\$	148.25
LDC rate for 50' of power space	\$	151.00
LDC rate for 55' of power space	\$	153.32
LDC rate for 60' of power space	\$	155.31
Specific Charge for Generator Access to the Power Poles (\$/pole/year)		
Generator rate for 10' of power space	\$	90.60
Generator rate for 15' of power space	\$	108.72
Generator rate for 20' of power space	\$	120.80
Generator rate for 25' of power space	\$	129.43
Generator rate for 30' of power space	\$	135.90
Generator rate for 35' of power space	\$	140.93
Generator rate for 40' of power space	\$	144.96
Generator rate for 45' of power space	\$	148.25
Generator rate for 50' of power space	\$	151.00
Generator rate for 55' of power space	\$	153.32
Generator rate for 60' of power space	\$	155.31
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Effective and Implementation Date January 1, 2024

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

EB-2023-0030

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	\$ 117.02
Monthly fixed charge, per retailer	\$ 46.81
Monthly variable charge, per customer, per retailer	\$ 1.16
Distributor-consolidated billing monthly charge, per customer, per retailer	\$ 0.69
Retailer-consolidated billing monthly credit, per customer, per retailer	\$ (0.69)
Service Transaction Requests (STR)	
Request fee, per request, applied to the requesting party	\$ 0.59
Processing fee, per request, applied to the requesting party	\$ 1.16
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)	\$ 4.68
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the	0.04
Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$ 2.34

Effective and Implementation Date January 1, 2024

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

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NOTES

- 1. The basis of the charge is the customer's monthly maximum demand. For an ST customer with multiple delivery points served from the same Transformer Station or High Voltage Distribution Station, the aggregated demand will be the applicable billing determinant. Demand is not aggregated between stations.
- 2. The basis of the charge is kilometers of line, within the supplied LDC's service area, supplying solely that LDC.
- 3. The basis of the charge is the "non-coincident demand" at each delivery point of the customer supplied by the station. This is measured as the kW demand at the delivery point at the time in the month of maximum load on the delivery point. For a customer connected through two or more distribution stations, the total charge for the connection to the shared distribution stations is the sum of the relevant charges for each of the distribution stations.
- 4. The monthly billing determinant for the RTSR Network Service rate is:
 - a. For energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
 - b. For interval-metered customers: the peak demand from 7 AM to 7 PM (local time) on IESO business days in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
 - c. For non-interval-metered demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
- 5. The monthly billing determinant for the RTSR Line and Transformation Connection Service rates:
 - a. For energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
 - b. For all demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
 - c. For customers with load displacement generation above 1 MW, or 2 MW for renewable generation, installed after October 1998, RTSR connection is billed at the gross demand level.
- 6. Delivery point with respect to RTSR is defined as the low side of the Transformer Station that steps down voltage from above 50 kV to below 50 kV. For customer with multiple interval-metered delivery points served from the same Transformer Station, the aggregated demand at the said delivery points on the low side of the Transformer Station will be the applicable billing determinant.
- 7. The loss factors, and which connection service rates are applied, are determined based on the point at which the distribution utility or customer is metered for its connection to Hydro One Distribution's system. Hydro One Distribution's connection agreements with these distribution utilities and customers will establish the appropriate loss factors and connection rates to apply from Hydro One Distribution's tariff schedules.
- 8. The Common ST Lines rate also applies to Distributors which use lines in the 12.5 kV to 4.16 kV range from HVDSs or LVDSs
- 9. Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (General) is charged based on appropriate billing kW.
- 10. Rate Rider for Disposition of Group 1 Deferral/Variance Account (non-WMP) applies to non-WMP Class A or Class B customers.
- 11. The Meter charge is applied per metering facility at delivery points for which Hydro One owns the metering.
- 12. The Wholesale Market Service Rate and the Rural or Remote Electricity Rate Protection Charge are applied solely to non-Wholesale Market Participants. For Class A customers, distributors shall bill the actual CBDR costs to Class A customers in proportion to their contribution to peak. These rates pertain to the IESO's defined point of sale; consequently, appropriate loss factors as approved by the Ontario Energy Board must be applied to the customers metered energy.
- 13. The Global Adjustment rate rider applies to metered energy consumption, as approved by the Ontario Energy Board, for non-LDC, non-RPP and Class B customers that are charged Wholesale Market Service Charges by Hydro One Distribution
- 14. For customers with load displacement generation at 1MW or above, or 2MW or above for renewable generation, installed after October 1998, the ST volumetric charges are billed at the gross demand level.
- 15. Local Transformation Charge applies to customers in the ST class who make use of Hydro One owned local transformation facilities.
- 16. Legacy customers are Hydro One Networks Inc. customers located outside the service areas of former Norfolk Power Distribution Inc., Haldimand County Hydro Inc., Woodstock Hydro Services Inc., Orillia Power Distribution Corporation, and Peterborough Distribution Inc..