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**Kathleen Burke**

Director, Applications Delivery  
Regulatory Affairs

BY EMAIL AND RESS

August 20, 2021

Ms. Christine E. Long  
Registrar  
Ontario Energy Board  
Suite 2700, 2300 Yonge Street  
P.O. Box 2319  
Toronto, ON M4P 1E4

Dear Ms. Long:

**EB-2021-0032 – Hydro One Networks’ 2018-2022 Distribution Rate Application – 2022  
Annual Rate Update – Application and Evidence**

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Enclosed please find Hydro One’s annual rate update in support for its request for distribution rates and other charges effective January 1, 2022.

An electronic copy of the evidence along with the supporting Excel models has been submitted using the Board’s Regulatory Electronic Submission System.

Sincerely,

A handwritten signature in black ink that reads "Kathleen Burke". The signature is written in a cursive, flowing style.

Kathleen Burke

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

**AND IN THE MATTER OF** an Application by Hydro  
One Networks Inc. for an Order or Orders approving just  
and reasonable rates and other charges for electricity  
distribution to be effective January 1, 2022.

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1   **A. ADMINISTRATION**

2  
3   **A.1 Application**

4  
5   The Applicant, Hydro One Networks Inc. (“Hydro One or Hydro One Distribution”), is  
6   licensed by the Ontario Energy Board (the “OEB”) under licence number ED-2003-0043  
7   to distribute electricity in the Province of Ontario in the areas specified in its licence.  
8

9   On March 31, 2017, Hydro One filed a custom incentive rate application (EB-2017-0049)  
10   (the “Application”) seeking approval of its distribution rates from January 1, 2018 to  
11   December 31, 2022. Further to the OEB’s Decision and Order dated March 7, 2019  
12   (“Decision”) and Revised Rate Order dated June 11, 2019 (“Revised Interim Order”), the  
13   OEB approved Hydro One’s 2019 distribution rates on an interim basis effective May 1,  
14   2018 and Hydro One’s tariff of rates and charges was updated accordingly. Most  
15   recently, on August 31, 2020, Hydro One submitted an application for 2021 distribution  
16   rates and charges, EB-2020-0030 as part of a 2021 Annual Update (“2021 Annual  
17   Update”). The application was updated to reflect the new inflation factor issued by the  
18   OEB for 2021 on November 26, 2020 and subsequently approved by the OEB on  
19   December 17, 2020.  
20

21   This application for 2022 distribution rates is made pursuant to section 78 of the *Ontario*  
22   *Energy Board Act, 1998* (the “*OEB Act*”) and the direction in OEB’s Decision and Rate  
23   Order. It is supported by written evidence which may be amended or updated from time  
24   to time prior to the OEB’s final decision on this application. The pre-filed evidence  
25   complies with the OEB’s *2022 Filing Requirements for Electricity Distribution Rate*  
26   *Applications* (June 24, 2021) and the *Handbook for Utility Rate Applications* dated  
27   October 13, 2016, (the “Filing Requirements”) unless those requirements do not apply to  
28   the custom rate framework approved in the Decision.

1   **Specific Relief Requested**

2   Hydro One requests:

- 3
- 4       a) Approval of the 2022 distribution rates and charges, effective January 1, 2022, by
- 5       way of an update to: (i) the revenue requirement and external revenue currently
- 6       approved by the OEB; and (ii) the associated customer and load forecast by rate
- 7       class as approved by the OEB for 2022.
- 8       b) Approval of the 2022 Retail Transmission Service Rates ("RTSR"), effective
- 9       January 1, 2022;
- 10      c) Implementation of approved Specific Service Charges for 2022 per EB-2017-
- 11      0049;
- 12      d) Approval of the recovery of renewable generation connection rate protection
- 13      funding; and
- 14      e) Such other items or amounts that may be requested by Hydro One during the
- 15      course of the proceeding, and such other relief or entitlements as the OEB may
- 16      grant.

17

18   **Proposed Effective Date**

19   Hydro One requests a proposed effective date of January 1, 2022. In the event the OEB's

20   decision approving 2022 rates is delivered or implemented after January 1, 2022, Hydro

21   One requests that the OEB issue an Interim Order making its current distribution rates

22   and charges effective on an interim basis as of January 1, 2022 and establishing an

23   account to recover any differences between the interim rates and actual rates effective

24   January 1, 2022, until such time its proposed distribution rates and charges are

25   implemented.

26

27   **Form of Hearing Requested**

28   Hydro One requests that this application be disposed of by way of a written hearing.

1    **Publication of Notice**

2    Hydro One will provide notice to customers as directed in the OEB's Letter of Direction.

4    **Contact Information**

5    Hydro One requests that all documents filed with the OEB in this proceeding be served  
6    on the undersigned.

8           Ms. Eryn MacKinnon  
9           Senior Regulatory Coordinator, Regulatory Affairs  
10          Hydro One Networks Inc.  
11          483 Bay Street  
12          7<sup>th</sup> Floor, South Tower  
13          Toronto, ON M5G 2P5  
14          [Regulatory@HydroOne.com](mailto:Regulatory@HydroOne.com)  
15          Tel: 416-345-4479  
16          Fax: 416-345-5395

18   **All of which is respectfully submitted on August 20, 2021.**

**A.2 Certification of Evidence**


TO: ONTARIO ENERGY BOARD

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I, Frank D'Andrea, Hydro One Networks Inc.'s ("Hydro One") Vice President,  
Reliability Standards and Chief Regulatory Officer, hereby certify that:

1. I am a senior officer of Hydro One;
2. This certificate is given pursuant to Chapter 1 of the Ontario Energy Board's *Filing Requirements for Electricity Distribution Rate Applications* (last revised on June 24, 2021); and
3. The evidence submitted herein is accurate, consistent and complete to the best of my knowledge.

Dated August 20, 2021



FRANK D'ANDREA

**A.2.1 Certification of Evidence Regarding Personal Information**

TO: ONTARIO ENERGY BOARD

---

I, Frank D'Andrea, Hydro One Networks Inc.'s ("Hydro One") Vice President,  
Reliability Standards and Chief Regulatory Officer, hereby certify that:

1. I am a senior officer of Hydro One;
2. This certificate is given pursuant to Chapter 1 of the Ontario Energy Board's *Filing Requirements for Electricity Distribution Applications* (last revised on June 24, 2021);  
and,
3. The evidence submitted does not contain any personal information filed herein (as that phrase is defined in the Freedom of Information and Protection of Privacy Act), that is not otherwise redacted in accordance with rule 9A of the OEB's *Rules of Practice and Procedure*.

DATED August 20, 2021.



FRANK D'ANDREA



**A.3 Certification of Evidence**

TO: ONTARIO ENERGY BOARD

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I, Chris Lopez, Hydro One's Chief Financial Officer ("CFO"), hereby certify that:

1. I am the CFO of Hydro One Networks Inc. ("Hydro One");
2. This certificate is given pursuant to section 3.2.5.3 of Chapter 3 of the Ontario Energy Board's *Filing Requirements for Electricity Distribution Rate Applications* (last revised on June 24, 2021); and
3. Hydro One has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances.

Dated August 20, 2021



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CHRIS LOPEZ

## 1 INTRODUCTION

On March 31, 2017, Hydro One Networks Inc. (“Hydro One or Hydro One Distribution”) filed a Custom Incentive Rate application (EB-2017-0049) (the “Application”) seeking approval of its distribution rates from January 1, 2018 to December 31, 2022. The Ontario Energy Board (the “OEB”) released its decision on March 7, 2019 (the “Decision”) which Hydro One implemented through a draft rate order and proposed Tariff of Rates and Charges dated April 5, 2019 (“DRO Submission”) and a subsequent draft rate order reply submission dated May 9, 2019 (“DRO Reply Submission”). The OEB approved Hydro One’s 2019 distribution rates on an interim basis on June 6, 2019 (“Interim Order”) and issued a correction on June 11, 2019 (“Revised Interim Order”). Most recently, on August 31, 2020, Hydro One submitted an Application for 2021 distribution rates and charges, EB-2020-0030 (“2021 Annual Update”). The OEB issued an interim order on November 26, 2020 establishing that Hydro One’s current rates remain interim as of January 1, 2021 pending the disposition of the seasonal rates matter, which is currently the subject of an OEB proceeding.<sup>1</sup> The 2021 Annual Update Application was updated to reflect the new inflation factor issued by the OEB for 2021 on November 26, 2020 and subsequently approved by the OEB on December 17, 2020.

This application seeks approval of the following:

1. Electricity distribution rates and charges, effective January 1, 2022, by way of an update to: (i) the revenue requirement and external revenue currently approved by the OEB; and (ii) the associated customer and load forecast by rate class as approved by the OEB for 2022;
2. 2022 Retail Transmission Service Rates (“RTSR”), effective January 1, 2022;
3. Implementation of approved Specific Service Charges for 2022 per EB-2017-0049; and,
4. The recovery of renewable generation connection rate protection funding.

## 2 CUSTOM REVENUE CAP INDEX ADJUSTMENT

In the Decision, the OEB approved a Custom Incentive Rate-Setting (“IR”) approach for adjusting Hydro One’s distribution revenue requirement and the associated rates in years 2 through 5 of the 2018 to 2022 rate period. The approved formula for the Revenue Cap IR for the test year ‘t+1’ is equal to the revenue in year ‘t’ inflated by the Revenue Cap Index (“RCI”) set out below as:

$$RCI = I - X + C$$

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<sup>1</sup> EB-2016-0315/ EB-2020-0246

Where:

- “I” is the Inflation Factor, as determined annually by the OEB.
- “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.
- “C” is Hydro One’s Custom Capital Factor, determined to recover the incremental revenue in each test year necessary to support Hydro One’s Distribution System Plan, beyond the amount of revenue recovered in rates.

The Productivity Factor (X) and the Capital Factor (C) underlying the RCI values were approved by the OEB for the entire duration of the Custom IR period.<sup>2</sup> Therefore, the only adjustment required to the calculation of final 2022 revenue requirement is the application of the 2022 Inflation Factor (I), which will be issued by the OEB sometime during the course of this proceeding (currently the subject of an OEB generic proceeding in EB-2021-0212).<sup>3</sup>

Table 1 summarizes the approved components of the RCI for 2022.

**Table 1 – 2022 Custom Revenue Cap Index (RCI) by Component (%)**

Custom Revenue Cap Index by Component (%)	2022
Inflation Factor (I)	2.20
Productivity Factor (X)	-0.45
Capital Factor (C)	1.85
<b>Custom Revenue Cap Index Total</b>	<b>3.60</b>

As the 2022 distribution rates are not derived by escalating 2021 distribution rates by a price cap adjustment, the Rate Generator Model is not applicable to this application. The 2022 revenue requirement requested for approval in this application is calculated as follows:

2022 Revenue Requirement (RR) = 2021 RR \* 2022 RCI + DTA Recovery

<sup>2</sup> As indicated in the 2020 Annual Update Application on August 30, 2019 (EB-2019-0043) and in the Decision and Rate Order dated on December 17, 2019 (EB-2019-0043), the 2022 C factor reflects the correction made in the DRO Reply Submission on May 4, 2019 (EB-2017-0049).

<sup>3</sup> The current revenue requirement adopts the OEB’s 2021 inflation factor of 2.20% as a proxy to be updated with the OEB’s 2022 Inflation Factor once it is released.

2022 Revenue Requirement =  $\$1,596.2\text{M}^4 * (1+3.60\%)^5 + \$21.0\text{M}^6 = \$1,674.6\text{M}$

The 2022 distribution rates are derived from the calculated 2022 revenue requirement and the approved customer and load forecast by rate class as detailed in Section 7 of this application.

### 3 DEFERRAL AND VARIANCE ACCOUNTS

#### 3.1 Summary of Deferral and Variance Accounts Balance

In the 2021 Annual Update Application, the OEB approved the disposition of 2015-2019 Group 1 balances for Hydro One Distribution on a final basis over a 1-year period from January 1, 2021 to December 31, 2021 based on an allocation methodology of Group 1 balances between Hydro One Distribution and each of the Acquired Utilities.<sup>7</sup>

In this application, Hydro One's consolidated 2020 Group 1 balance, inclusive of the Acquired Utilities, with projected carrying charges to December 31, 2021 is a credit of \$69.1M.<sup>8</sup> While the consolidated Group 1 balance exceeds the disposition threshold, Hydro One is proposing to dispose of the consolidated 2020 Group 1 audited balance inclusive of the Acquired Utilities in its recently filed 2023 joint rate application for the Transmission and Distribution businesses ("2023 Rebasing Application").<sup>9</sup> Therefore, Hydro One is not requesting disposition of its 2020 Group 1 balance in this proceeding. As indicated in EB-2021-0110, Hydro One intends to update the final balance requested for disposition in the 2023 Rebasing Application to reflect 2021 audited balances once they become available.

In light of the 2023 Rebasing Application filed with the OEB on August 5, 2021, Hydro One is of the view that:

- (i) The 2023 Rebasing Application is the first application for both Hydro One Distribution and the Acquired Utilities, which introduces the opportunity to dispose of the Group 1 regulatory balances on a consolidated basis without the

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<sup>4</sup> 2021 Revenue Requirement of \$1596.2M was approved by the OEB in EB-2020-0030.

<sup>5</sup> From Table 1

<sup>6</sup> Following the tax savings determination as a result of the Ontario Divisional Court decision issued on July 16, 2020 (Divisional Court File No. 200/19), the OEB approved the 2022 regulatory income tax adjustment (\$21.0M) to be recovered in Hydro One's distribution revenue requirement, per EB-2020-0194, Decision and Order, April 8, 2021.

<sup>7</sup> Norfolk Power Distribution Inc. ("NPDI") integrated with Hydro One on September 1, 2015, and Haldimand County Hydro Inc. ("HCHI") and Woodstock Hydro Services Inc. ("WHSI") integrated with Hydro One on September 1, 2016 (together, the "Acquired Utilities").

<sup>8</sup> \$(69.1M) (as of December 31, 2021) / 36 TWh (2020 total metered kWh) = \$(0.0019/kWh)

<sup>9</sup> See EB-2021-0110, Exhibit G-01-01, Section 5.

1 need to perform an allocation between Hydro One Distribution and the  
2 Acquired Utilities. Furthermore, the 2023 Rebasing Application was filed  
3 before the current applications for Hydro One Distribution and the Acquired  
4 Utilities application (EB-2021-0033), and thus, it is more efficient to review  
5 and consider the disposition of the Group 1 balances as part of the 2023  
6 Rebasing Application at the same time along with the proposed dispositions  
7 for Hydro One Transmission.

8 (ii) As previously stated, Hydro One intends to update the 2023 Rebasing  
9 Application for audited 2021 balances during the course of the proceeding.  
10 The Group 1 balances for the Acquired Utilities, when combined with Hydro  
11 One Distribution, could continue to result in a material credit balance as the  
12 fluctuations in the RSVAs are mainly driven by commodity prices and IESO  
13 published GA price changes. As such, it is more prudent to request disposition  
14 of the consolidated Group 1 balances during the 2023 Rebasing Application in  
15 order to mitigate volatility impacts to ratepayers. In the event that Group 1  
16 balances change based on 2021 audited transactions from a credit balance to a  
17 debit balance or a smaller credit balance, the combined disposition based on  
18 2020 and 2021 audited balances would result in less volatility to rate payers.

19 (iii) As Hydro One receives one consolidated invoice for the settlement of  
20 commodity, bulk transmission and wholesale settlement costs for all service  
21 territories, it is no longer necessary to undertake an allocation of Group 1  
22 balances for Acquired Utilities, which will be fully integrated with Hydro One  
23 Distribution by 2023.

24  
25 As discussed above, the consolidated 2020 Group 1 balances are being proposed for  
26 disposition on a final basis in the 2023 Rebasing Application, and thus, it is no longer  
27 necessary to undertake an allocation of the consolidated Group 1 balances for Hydro One  
28 Distribution for this proceeding. For these reasons, Hydro One has not separated the  
29 consolidated Group 1 balances between Hydro One Distribution and Acquired Utilities in  
30 the current application.

31  
32 In Table 2, Hydro One has quantified the Group 1 balance eligible for disposition as of  
33 January 1, 2022 to be \$(69.1M) inclusive of carrying charges to December 31, 2021, but  
34 advises that the consolidated Group 1 balance of \$(69.5M) inclusive of carrying charges  
35 to December 31, 2022 is being requested for disposition in the 2023 Rebasing  
36 Application. The continuity schedule provided at Exhibit 1.0 of this application is  
37 consistent with what was filed in the 2023 Rebasing Application, including interest to  
38 December 31, 2022.

1           **Table 2 – Deferral and Variance Accounts for Hydro One Distribution (\$M)<sup>10</sup>**

Account Descriptions	Account Number	Closing Principal Balance as of Dec-31-20  A	OEB-Approved Principal Disposition during 2021  B	Closing Principal Balance as of Dec-31-21  C = A - B	Closing Interest Amounts as of Dec-31-21  D	Total Consolidated Balance as of Dec-31-21  E = C + D
LV Variance Account	1550	10.9	8.9	2.0	0.0	2.1
Smart Metering Entity Charge Variance Account	1551	(2.3)	(2.1)	(0.1)	(0.0)	(0.2)
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(91.3)	(71.0)	(20.3)	(0.6)	(20.9)
Variance WMS – Sub-account CBR Class A	1580	-	-	-	-	-
Variance WMS – Sub-account CBR Class B	1580	(3.9)	-	(3.9)	0.2	(3.7)
RSVA - Retail Transmission Network Charge	1584	(61.1)	(46.4)	(14.6)	(0.3)	(14.9)
RSVA - Retail Transmission Connection Charge	1586	86.0	100.9	(14.9)	0.1	(14.7)
RSVA - Power (excluding Global Adjustment)	1588	9.9	12.8	(2.9)	(0.0)	(3.0)
RSVA - Global Adjustment	1589	(45.9)	(32.4)	(13.5)	(0.3)	(13.7)
<b>Group 1 Sub-Total (including Account 1589 - Global Adjustment)</b>		<b>(97.7)</b>	<b>(29.5)</b>	<b>(68.2)</b>	<b>(0.9)</b>	<b>(69.1)</b>

2       Hydro One confirms it has not made adjustments to 2015-2019 account balances that  
3       were previously approved by the OEB for disposition on a final basis. Hydro One notes  
4       that there are no variances between the consolidated Group 1 balances and RRR 2.1.7  
5       amounts reported to the OEB.

<sup>10</sup> Note that numbers presented in the chart may not add to the total due to rounding

1     **3.2   Account 1595 Entity Specific Accounts**

2  
3     Hydro One continues to record balances in Account 1595 “Disposition and  
4     Recovery/Refund of Regulatory Balances Accounts” individually for each of the four  
5     utilities. None of the residual balances in Account 1595 sub-account balances approved  
6     since 2019 audited balances are eligible for disposition in the 2022 Annual Update  
7     Application, and are not proposed to be included for disposition of Group 1 accounts for  
8     Hydro One Distribution in this proceeding:

- 9
- 10       •   The Account 1595 (2019) balance was to be disposed of over a period of 18  
11           months, with a sunset date on December 31, 2020. Hydro One Distribution will  
12           not be eligible to dispose of the residual balance until its 2024 annual update  
13           application at the earliest.
  - 14       •   The Account 1595 (2021) balance was to be disposed of over a 1-year period,  
15           with a sunset date on December 31, 2021. Hydro One Distribution will not be  
16           eligible to dispose of the residual balance until its 2025 annual update application  
17           at the earliest.
- 18

19     **3.3   Implementation of Accounting Guidance for Accounts 1588 and 1589**

20  
21     On February 21, 2019, the OEB issued a new Accounting Guidance related to Accounts  
22     1588 Power, and 1589 RSVA Global Adjustment (“GA”). The new Accounting  
23     Guidance is effective January 1, 2019 for implementation by August 31, 2019.

24  
25     In the 2020 Annual Update, Hydro One indicated that it was exploring technology  
26     solutions and accounting considerations that may allow it to obtain the necessary data  
27     from its billing system and the Meter Data Management Repository (“MDMR”) system.

28  
29     In the 2021 Annual Update Decision, the OEB approved Hydro One’s proposal to adopt  
30     the new Accounting Guidance in a modified manner until the OEB otherwise directs  
31     Hydro One. The OEB agreed with Hydro One that changes to its current IT framework at  
32     this time, to implement the new Accounting Guidance, could be costly and can only be  
33     applied on a prospective basis.<sup>11</sup> As a result, the OEB accepted Hydro One Distribution’s  
34     request to dispose of its 2015-2019 Group 1 deferral and variance accounts on a final  
35     basis.

---

<sup>11</sup> EB-2020-0030, Decision and Rate Order, December 17, 2020, p. 17

1 Hydro One confirms that it implemented the new Accounting Guidance in a modified  
2 manner since January 1, 2021 on a prospective basis.

3 Hydro One has filed the GA Analysis Work Form for 2020 consolidated Account 1589  
4 balance at Exhibit 1.1 of this application, in accordance with Section 3.2.5.2 of the Filing  
5 Requirement.

6  
7 The 2019 Account 1589 balance was last approved for disposition on a final basis. The  
8 GA Analysis Workform shows that the 2020 consolidated Account 1589 balance is  
9 reasonable as the unexplained discrepancies are within 1% of the total annual IESO GA  
10 charges.

11  
12 The 2019 Account 1588 balance was last approved for disposition on a final basis. As  
13 shown on Tab '1588' of the GA Analysis Workform, the 2020 consolidated Account  
14 1588 balance meets the reasonability test to support the allocation of GA charges  
15 between customer classes.

#### 16 17 **4 EARNING SHARING MECHANISM (ESM)**

18  
19 In EB-2017-0049, the OEB approved an ESM that will share regulated earnings on a  
20 50:50 basis between Hydro One and its distribution customers for all earnings in excess  
21 of 100 basis points of the OEB-approved return on equity. A deferral account was  
22 established for Hydro One to record any amounts to be shared during the rate period. The  
23 ESM calculation methodology utilized by Hydro One is similar to what is outlined in the  
24 annual RRR 2.1.5.6 filing.

25  
26 In the OEB's decision for the 2021 Annual Update Application, the credit balance of  
27 \$21.7M (reflecting 2018 and 2019 ESM amounts and forecast interest for 2020) in the  
28 ESM deferral account was approved for disposition on an interim basis over a 1-year  
29 period from January 1, 2021 to December 31, 2021. The OEB indicated that a final  
30 review of the ESM account balances would take place as part of Hydro One's 2023  
31 Rebasing Application.

32  
33 In this application, Hydro One is not requesting disposition of the audited 2020 balance  
34 in the ESM deferral account. The ESM account balance will be reviewed for final  
35 disposition in the 2023 Rebasing Application.



1     **5     RENEWABLE GENERATION CONNECTION RATE PROTECTION**

2  
3     Hydro One requests that the OEB authorize Hydro One to resume collecting Renewable  
4     Generation Connection Rate Protection (“RGCRP”) monthly compensation amounts  
5     from provincial electricity consumers effective January 1, 2022. Hydro One proposes to  
6     request recovery of amounts from provincial electricity consumers for renewable  
7     generation connection investment costs, pursuant to s. 79.1 of the *Ontario Energy Board*  
8     *Act, 1998* and Ontario Regulation 330/09 (O. Reg. 330/09), which assigns a portion of the  
9     costs incurred for these investments to Hydro One Distribution customers and a larger  
10    share assigned to provincial electricity consumers.

11  
12    In its EB-2009-0096 Decision, the OEB authorized Hydro One to collect RGCRP  
13    amounts of \$19.7M annually from provincial electricity consumers, or monthly amounts  
14    of \$1,641,667, beginning in 2011.<sup>12</sup> Subsequent OEB decision and orders on the  
15    collection of RGCRP compensation amounts have authorized continued collection of this  
16    annual amount through 2014.<sup>13</sup> In EB-2013-0416, the OEB granted Hydro One’s request  
17    to discontinue the collection of monthly compensation amounts through O. Reg. 330/09  
18    from provincial electricity consumers on December 31, 2014.<sup>14</sup> At that time, Hydro One  
19    had accumulated significant credit balances in the deferral account that tracks these  
20    investments and the revenues collected to support them.

21  
22    In the years since 2014, Hydro One has continued to make investments necessary to  
23    connect renewable generation and has drawn down the RGCRP funding from provincial  
24    electricity consumers that had accumulated in the deferral account. Table 3 provides a  
25    summary of the deferral account balance since the discontinuation of RGCRP monthly  
26    compensation amounts as of December 31, 2014 (filed as Exhibit 1.2.1). As shown in  
27    Table 3, Hydro One forecasts a positive balance in the deferral account in 2022, which  
28    indicates that it requires funding for renewable generation connection investment costs  
29    through the provincial pooling mechanism.

---

<sup>12</sup> EB-2009-0096, 2011 Rate Order, December 21, 2010. Note that \$3.7M was received in 2010 per EB-2010-0191

<sup>13</sup> EB-2010-0191 (2010 and 2011 RGCRP Decisions), EB-2021-0009 (2012 RGCRP Decision), EB-2013-0231 (2013 RGCRP Decision); and EB-2014-0005/EB-2014-0222 (2014 RGCRP Decisions)

<sup>14</sup> EB-2013-0416, Decision and Interim Rate Order, December 18, 2014

Table 3 – Account 1533 Deferral Account Balances

	Balance	Activity	Activity	Activity	Activity	Activity	Activity	Balance	Forecast	Forecast	Balance
	Last year of funding was received in 2014	2015 - Revenue Requirement Earned	2016 - Revenue Requirement Earned	2017 - Revenue Requirement Earned	2018 - Revenue Requirement Earned	2019 - Revenue Requirement Earned	2020 - Revenue Requirement Earned	Balance as at December 31, 2020	2021 - Revenue Requirement Forecast	2022 - Revenue Requirement Forecast	Forecasted Balance as at December 31, 2022
	A	B	C	D	E	F	G	H=sum of A to G	I	J	K=H+I+J
Principal	\$ (62,099,255.17)	\$ 4,246,257.98	\$ 8,502,574.10	\$ 9,754,278.30	\$ 8,939,330.14	\$ 9,793,189.87	\$ 9,887,421.27	\$ (10,976,203.50)	\$ 9,399,592.20	\$ 8,645,536.19	\$ 7,068,924.89
Interest	\$ (1,927,418.01)	\$ (713,728.45)	\$ (603,959.66)	\$ (528,135.11)	\$ (651,810.57)	\$ (591,207.12)	\$ (242,128.52)	\$ (5,258,387.45)	\$ (54,113.45)	\$ (49,772.35)	\$ (5,362,273.25)
Total	\$ (64,026,673.18)	\$ 3,532,529.53	\$ 7,898,614.44	\$ 9,226,143.19	\$ 8,287,519.57	\$ 9,201,982.75	\$ 9,645,292.75	\$ (16,234,590.95)	\$ 9,345,478.75	\$ 8,595,763.84	\$ 1,706,651.64

1 Given the continuing need to provide funding for both the historical renewable generation  
2 connection investments and any future renewable generation connection investments,  
3 Hydro One seeks authority to collect \$9.9M for the provincially funded portion of these  
4 investments starting on January 1, 2022. The request for RGCRP funding of \$9.9M meets  
5 Hydro One's materiality threshold per section 2.0.8 of the Filing Requirement. The  
6 \$9.9M funding request is derived based on renewable generation connection in-service  
7 additions up to and including 2020 and eligible OM&A expenses in 2020 as calculated in  
8 Exhibit 1.2.2 (Revenue Requirement Tab for 2020). Accordingly, Hydro One requests  
9 that the OEB include recovery of these amounts to be collected by the IESO from  
10 provincial electricity customers pursuant to O. Reg. 330/09 in 2022, as set out in further  
11 detail below. Hydro One also proposes to continue tracking both expenditures and  
12 collections in Account 1533, consistent with the OEB's Accounting Procedures  
13 Handbook, and will confirm in subsequent rate applications whether the \$9.9M in  
14 provincial ratepayer funding remains appropriate in the years from 2022 to 2027.

15  
16 Due to the custom nature of Hydro One's calculations, Hydro One has filed its custom  
17 spreadsheet (Exhibit 1.2.2) showing equivalent, revenue requirement calculations as  
18 required in Appendix 2-FA and 2-FC, over the 2018 to 2020 period, to determine the  
19 2022 monthly IESO payment amounts.

## 6 COST ALLOCATION

Hydro One has not updated the 2018 cost allocation model<sup>15</sup> over the term of the plan per the OEB's Decision.<sup>16</sup> The revenue that needs to be collected from distribution rates (rates revenue requirement) is derived by subtracting the approved external revenues for 2022<sup>17</sup> from the total revenue requirement (\$1,674.6M - \$44.9M = \$1,629.6M). The determination of costs and rates revenue requirement by rate class for 2022 uses the methodology approved for 2019-2022 in the OEB Decision.<sup>18</sup> The derivation of the 2022 revenue requirement by rate class is provided in Exhibit 2.0.

## 7 RATE DESIGN

### 7.1 2022 Fixed and Volumetric Rates

The calculation of the 2022 fixed and variable rates taking into account the approved 2022 forecast number of customers and load, consistent with the OEB-approved methodology, is provided in Exhibit 2.0. The calculation of 2022 ST rates are detailed in Exhibit 2.1.

The derivation of fixed to variable revenue splits for residential and non-residential rate classes are described below.

#### Residential Rate Classes

The transition to all-fixed residential distribution rates was suspended in the 2018 rate year to mitigate the bill impacts of the rate implementation on July 1, 2019 on low

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<sup>15</sup> EB-2017-0049, 2019 Draft Rate Order, Exhibit 3.0 and Exhibit 3.1, filed April 5, 2019

<sup>16</sup> Decision at p. 38

<sup>17</sup> As updated in EB-2019-0043, 2020 Annual Update, filed August 30, 2019

<sup>18</sup> Decision at p. 137

1 volume customers.<sup>19</sup> The annual transition to all-fixed residential distribution rates using  
2 the methodology in the OEB's Revenue Requirement Work Form ("RRWF"), resumed in  
3 the 2019 rate year. For the UR rate class, 2021 was the fifth and final year of the  
4 transition period to an all-fixed distribution rate. The fixed rate transition continues in  
5 2022 for the R1, R2 and Seasonal rate classes and will be completed in 2024.<sup>20</sup> The  
6 calculation of the 2022 transition to all-fixed residential distribution rates is provided in  
7 Exhibit 2.2.

8  
9 *Non-Residential Rate Classes*

10 The 2022 share of revenue to be collected from fixed and volumetric rates for all non-  
11 residential rate classes remain unchanged from 2018, as shown in Exhibit 2.0. The share  
12 of fixed and volumetric revenue will remain unchanged over the plan term, with the  
13 exception of the DGen class as discussed below.

14  
15 Hydro One adopted the alternative approach to phasing-in the change to the fixed charge  
16 for the DGen class as requested by OEB Staff<sup>21</sup> in order to smooth the bill impacts for  
17 low consumption customers in this class. Under this approach, the fixed proportion of  
18 62% for DGen rates was maintained from 2018 to 2021, while the fixed charge remained  
19 below \$199.36, which is the 2018 CAM ceiling for the fixed charge that serves as the  
20 upper limit for the fixed rate for this application period. In 2022, the fixed proportion of  
21 62% results in a fixed charge of \$202.05, which exceeds the upper limit. Consequently,  
22 the proposed 2022 fixed charge is set at \$199.36, which decreases DGen's 2022 revenue  
23 to be collected from fixed rates from 62% to 61%.

---

<sup>19</sup> EB-2017-0049, 2019 Draft Rate Order, Section 10.1, filed April 5, 2019

<sup>20</sup> Hydro One was approved to transition UR customers over a 5 year period, and R2 and Seasonal customers over an 8 year period (EB-2015-0079, Decision and Order, December 22, 2015).

<sup>21</sup> EB-2017-0049, Exhibit I, Tab 52, Schedule Staff-250

## 7.2 Revenue-to-Cost Ratios

The 2022 Revenue-to-Cost (“R/C”) ratios are shown in the rate design tables provided in Exhibit 2.0. The 2022 R/C ratios for all rate classes are within the OEB’s approved range, so no adjustments are required.

## 7.3 Sub-Transmission (ST) Rates

As described in Section 7.4 below, Retail Transmission Service Rates (“RTSRs”) are proposed to be updated for 2022. As a result, the proposed 2022 HVDS-High charge, HVDS-low charge, and the Common ST line charge are adjusted to reflect the proposed 2022 ST RTSR for Transformation Connection.<sup>22</sup>

## 7.4 Retail Transmission Service Rates

The current RTSRs are based on the 2020 Interim Uniform Transmission Rates (“UTRs”),<sup>23</sup> which were the transmission rates in place at the time Hydro One filed its 2021 Annual Update on November 26, 2020. Hydro One proposes to adjust the RTSRs to reflect the updated costs to Hydro One for transmission services for 2022 RTSRs, based on the current 2021 UTRs.<sup>24</sup> The Network UTR has increased from \$3.92/kW to \$4.90/kW (an increase of 25%), resulting in materially higher proposed 2022 Network RTSRs. The calculation of the 2022 RTSRs is provided in Exhibit 3.0.

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<sup>22</sup> EB-2017-0049, Application, Exhibit H1, Tab 1, Schedule 1, Section 3.2.8

<sup>23</sup> EB-2019-0296, Decision and Rate Order, December 19, 2019

<sup>24</sup> EB-2021-0176, Decision and Rate Order, June 24, 2021

## **7.5 Hopper Foundry and Transformer Cost Allowance Rate Adders**

The proposed 2022 Hopper Foundry rate adder reflects the proposed 2022 General Service Demand rates. The forecast lost revenue related to Hopper Foundry is \$70,985 and results in a rate adder of \$0.0092 per kW. This adder is included in the volumetric rate shown on the 2022 tariff schedule for the General Service demand rate class.

The Customer Supplied Transformer Allowance (“CSTA”) rate adder for 2022 reflects the forecast CSTA credit of \$687,211 and results in a rate adder of \$0.0655 per kW. This adder is included in the volumetric rates shown on the 2022 tariff schedules for the UGd, GSd and DGen rate classes.

## **7.6 Revenue Reconciliation**

A revenue reconciliation using proposed 2022 rates, approved billing determinants and resulting revenue is provided at Exhibit 2.3.

## **8 BILL IMPACTS**

The detailed calculation of 2022 monthly bill impacts by rate class over a range of consumption levels is provided in Exhibit 5.0. A summary of the 2022 total bill impacts is shown in Table 4. The bill impacts for the R1 and R2 customer classes include Distribution Rate Protection (“DRP”) per Ontario Regulation 198/17, as required by the Decision.<sup>25</sup>

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<sup>25</sup> Decision at p. 176

1

**Table 4 – Current (2021)<sup>26</sup> to 2022 Total Bill Impacts**

<b>Rate Class</b>	<b>Consumption Level</b>	<b>Monthly Consumption/Peak (kWh/kW)</b>	<b>Current Total Bill</b>	<b>Change in Total Bill (\$)</b>	<b>Change in Total Bill (%)</b>
<b>UR</b>	<b>Low</b>	<b>350</b>	\$77.66	\$3.37	4.34%
	<b>Typical</b>	<b>750</b>	\$126.70	\$4.71	3.72%
	<b>Average</b>	<b>755</b>	\$127.31	\$4.73	3.71%
	<b>High</b>	<b>1,400</b>	\$206.39	\$6.88	3.34%
<b>R1</b>	<b>Low</b>	<b>400</b>	\$83.97	\$2.20	2.63%
	<b>Typical</b>	<b>750</b>	\$127.23	\$3.32	2.61%
	<b>Average</b>	<b>920</b>	\$148.24	\$3.86	2.60%
	<b>High</b>	<b>1,800</b>	\$257.01	\$6.66	2.59%
<b>R2</b>	<b>Low</b>	<b>450</b>	\$90.05	\$3.48	3.86%
	<b>Typical</b>	<b>750</b>	\$127.74	\$4.51	3.53%
	<b>Average</b>	<b>1,152</b>	\$178.25	\$5.89	3.30%
	<b>High</b>	<b>2,300</b>	\$322.48	\$9.82	3.05%
<b>Seasonal</b>	<b>Low</b>	<b>50</b>	\$57.40	\$7.24	12.61%
	<b>Average</b>	<b>352</b>	\$106.87	\$4.74	4.43%
	<b>High</b>	<b>1,000</b>	\$213.02	(\$0.62)	-0.29%
<b>GSe</b>	<b>Low</b>	<b>1,000</b>	\$215.96	\$8.14	3.77%
	<b>Typical</b>	<b>2,000</b>	\$400.10	\$14.52	3.63%
	<b>Average</b>	<b>1,982</b>	\$396.79	\$14.41	3.63%
	<b>High</b>	<b>15,000</b>	\$2,793.91	\$97.49	3.49%
<b>UGe</b>	<b>Low</b>	<b>1,000</b>	\$174.73	\$5.47	3.13%
	<b>Typical</b>	<b>2,000</b>	\$324.31	\$9.46	2.92%
	<b>Average</b>	<b>2,759</b>	\$437.84	\$12.48	2.85%
	<b>High</b>	<b>15,000</b>	\$2,268.88	\$61.25	2.70%
<b>GSd</b>	<b>Low</b>	<b>15,000/60</b>	\$3,795.64	\$191.54	5.05%
	<b>Average</b>	<b>36,104/124</b>	\$8,438.31	\$412.84	4.89%
	<b>High</b>	<b>175,000/500</b>	\$37,841.24	\$1,782.68	4.71%

<sup>26</sup> Current Total Bill as approved in EB-2020-0194, Decision and Interim Rate Order Schedule A, May 27, 2021



<b>UGd</b>	<b>Low</b>	<b>15,000/60</b>	\$3,309.37	\$153.53	4.64%
	<b>Average</b>	<b>50,525/135</b>	\$9,669.18	\$416.16	4.30%
	<b>High</b>	<b>175,000/500</b>	\$33,784.58	\$1,470.26	4.35%
<b>St Lgt</b>	<b>Low</b>	<b>100</b>	\$25.15	\$1.06	4.20%
	<b>Average</b>	<b>517</b>	\$115.09	\$4.60	4.00%
	<b>High</b>	<b>2,000</b>	\$457.88	\$17.22	3.76%
<b>Sen Lgt</b>	<b>Low</b>	<b>20</b>	\$8.30	\$0.68	8.20%
	<b>Average</b>	<b>71</b>	\$21.75	\$1.67	7.68%
	<b>High</b>	<b>200</b>	\$55.78	\$4.18	7.49%
<b>USL</b>	<b>Low</b>	<b>100</b>	\$49.83	\$2.50	5.02%
	<b>Average</b>	<b>364</b>	\$86.49	\$3.31	3.82%
	<b>High</b>	<b>1,000</b>	\$180.29	\$5.26	2.92%
<b>DGen</b>	<b>Low</b>	<b>300/10</b>	\$392.34	\$25.35	6.46%
	<b>Average</b>	<b>1,328/13</b>	\$577.83	\$35.12	6.08%
	<b>High</b>	<b>5,000/100</b>	\$2,227.70	\$196.18	8.81%
<b>ST</b>	<b>Low</b>	<b>200,000/500</b>	\$35,346.00	\$192.60	0.54%
	<b>Average</b>	<b>1,601,036/3,091</b>	\$263,064.53	\$769.97	0.29%
	<b>High</b>	<b>4,000,000/10,000</b>	\$678,299.94	\$2,309.54	0.34%

\*R1 and R2 total bill impacts include DRP.

## 8.1 Tariff Schedules

The proposed tariff schedule to be implemented January 1, 2022 is provided in Exhibit 4.0.

The 2022 tariff schedule includes the approved updates to the applicable Specific Service Charges for the 2022 rate year described in EB-2017-0049, Exhibit H1, Tab 2, Schedule 3.<sup>27</sup>

Retailer service charges will be adjusted for OEB's 2022 Inflation Factor, once it is

<sup>27</sup> Updated during EB-2017-0049 Oral Hearing on June 26, 2018 (Day 10)

1 confirmed by the OEB during the course of this proceeding. Additionally, on December  
2 10, 2020, the OEB issued an Order (EB-2020-0288) establishing the provincial wireline  
3 pole attachment charge for 2021 at \$44.50 per attacher, per year, per pole, on an interim  
4 basis until further notice (by suspending the 2021 inflationary adjustment). Hydro One  
5 will update the provincial wireline pole attachment charge in the course of this  
6 proceeding, if a new charge is released by the OEB.

**9 SUPPORTING MATERIAL**

The detailed information supporting the determination of the approved revenue requirement, rates schedules and rate impacts are provided in the attached Exhibits.

**Tab 1**

Exhibit 1.0 – Hydro One Consolidated Continuity Schedule (Tab 2a only)

Exhibit 1.1 – GA Analysis Work Form

Exhibit 1.2.1 – 1533 Deferral Account Balance

Exhibit 1.2.2 – Hydro One’s Application for RGCRP

**Tab 2**

Exhibit 2.0 – 2022 Rate Design

Exhibit 2.1 – 2022 Sub-Transmission (ST) Rates

Exhibit 2.2 – 2022 RRWF for Move to All-Fixed Residential Distribution Rates

Exhibit 2.3 – 2022 Revenue Reconciliation

**Tab 3**

Exhibit 3.0 – 2022 Retail Transmission Service Rates

**Tab 4**

Exhibit 4.0 – 2022 Tariff Schedules

Exhibit 4.1 – 2021 Tariff Schedules

**Tab 5**

Exhibit 5.0 – 2022 Bill Impacts

# **Tab 1**

**HYDRO ONE CONSOLIDATED CONTINUITY SCHEDULE  
(TAB 2A ONLY)**

This exhibit has been filed separately in MS Excel format.



Ontario Energy Board

# GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells  
Drop down cells

Utility Name HYDRO ONE NETWORKS INC.

## Note 1

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.  
b) If the account balances were last approved on an interim basis, and  
i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR  
ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

Year Selected

2019

(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

### Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.

For example:

- Scenario a - If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

2) Complete the GA Analysis Workform for each year generated.

3) Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.

4) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items and principal adjustments.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	\$ (1,691,114)	\$ (13,470,859)	\$ 5,607,215	\$ (7,863,644)	\$ (6,172,530)	\$ 723,280,232	-0.9%
<b>Cumulative Balance</b>	<b>\$ (1,691,114)</b>	<b>\$ (13,470,859)</b>	<b>\$ 5,607,215</b>	<b>\$ (7,863,644)</b>	<b>\$ (6,172,530)</b>	<b>\$ 723,280,232</b>	<b>N/A</b>

### Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	-0.1%

# GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2020		
Total Metered excluding WMP	C = A+B	26,028,828,745	kWh	100%
RPP	A	15,889,662,050	kWh	61.0%
Non-RPP	B = D+E	10,139,166,695	kWh	39.0%
Non-RPP Class A	D	2,186,146,406	kWh	16.1%
Non-RPP Class B*	E	5,953,020,290	kWh	22.9%

\*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.

For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral.

Yes

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

No

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month

No

Note 4 **Analysis of Expected GA Amount**

Year	2020									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Price Variance (\$)	
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K	
January	648,291,285	729,383,968	714,939,881	633,847,198	0.08320	\$ 52,736,087	0.10230	\$ 64,842,568	\$	12,106,481
February	586,460,965	714,939,881	764,779,587	636,300,672	0.12450	\$ 79,219,434	0.11330	\$ 72,092,866	\$	(7,126,568)
March	620,844,703	764,779,587	644,006,838	500,071,954	0.10430	\$ 52,157,505	0.11940	\$ 59,708,591	\$	7,551,087
April	545,457,052	644,006,838	611,754,491	513,204,705	0.13710	\$ 70,360,365	0.11500	\$ 59,018,541	\$	(11,341,824)
May	470,508,321	611,754,491	546,786,977	405,540,807	0.09290	\$ 37,674,741	0.11500	\$ 48,637,193	\$	8,962,452
June	470,715,671	546,786,977	559,403,312	483,332,005	0.11500	\$ 55,583,181	0.11500	\$ 55,583,181	\$	-
July	492,810,596	559,403,312	611,231,640	544,636,925	0.10310	\$ 56,152,273	0.09900	\$ 53,919,254	\$	(2,233,020)
August	558,152,611	611,231,640	648,676,933	595,597,903	0.10230	\$ 60,929,666	0.10350	\$ 61,644,383	\$	714,717
September	536,876,105	648,676,933	516,143,060	404,342,232	0.11570	\$ 46,782,396	0.12180	\$ 49,248,884	\$	2,466,488
October	484,892,516	516,143,060	600,428,354	569,177,810	0.14950	\$ 85,092,083	0.12810	\$ 72,911,677	\$	(12,180,405)
November	500,968,801	600,428,354	653,689,508	554,229,955	0.11670	\$ 64,678,636	0.11710	\$ 64,900,328	\$	221,692
December	548,379,661	653,689,508	699,748,924	594,439,077	0.10700	\$ 63,604,981	0.10560	\$ 62,772,767	\$	(832,215)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	6,464,358,287	7,601,224,548	7,571,589,504	6,434,723,243		\$ 724,971,346		\$ 723,280,232	\$	(1,691,114)

Annual Non-RPP Class B Wholesale kWh	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P=Q*R
5,032,645,728	5,032,645,728			

\*Equal to (AGEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

\*\*Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance \$ (1,691,114)

Calculated Loss Factor 1.0809  
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW Difference 1.0809

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

b) Please provide an explanation in the text box below if the difference in loss factor is greater than 1%.

This is not applicable for Hydro One Distribution, since the loss factors approved by OEB are different for each customer rate category. There

Note 5 **Reconciling Items**

Item	Amount	Explanation	Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)			Principal Adjustment on DVA Continuity Schedule
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 1,941,492	as titled	No
CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (837,176)	as titled	No
2a Remove prior year end unbilled to actual revenue differences	\$ (130,253)	Remove Dec 2019 GA Unbilled estimated vs. Actual incurred in 2020	No
2b Add current year end unbilled to actual revenue differences	\$ 3,707,108	Remove Dec 2020 GA Unbilled estimated vs. Actual incurred in 2021	No
3a Significant prior period billing adjustments recorded in current year			
3b Significant current period billing adjustments recorded in other year(s)			
4 CT 2148 for prior period corrections			
5 Impacts of GA deferral			
6		HONI charges LDC class B customers at actual GA rate rather than 1st estimate.	No
7			
8	\$ 926,044		
9			
10			
11			

Note 6 **Adjusted Net Change in Principal Balance in the GL** \$ (7,863,644)  
**Net Change in Expected GA Balance in the Year Per Analysis** \$ (1,691,114)  
**Unresolved Difference** \$ (6,172,530)  
**Unresolved Difference as % of Expected GA Payments to IESO** -0.9%

## Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions <sup>1</sup>	Principal Adjustments <sup>1</sup>	Total Activity in Calendar Year		
2020	- 2,946,661	-	2,946,661	2,339,278,787	-0.1%
<b>Cumulative</b>	<b>- 2,946,661</b>	<b>-</b>	<b>2,946,661</b>	<b>4,324,225,847</b>	<b>-0.1%</b>

**Notes**

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.



**GA Analysis Workform -  
Account 1588 and 1589  
Principal Adjustment Reconciliation**

Note 8 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment			
	Adjustment Description	Amount	To be reversed in current application?
1			
2			
3			
4			
5			
6			
7			
8			
Total		-	
Total principal adjustments included in last approved balance			
Difference		-	

Account 1588 - RSVA Power			
	Adjustment Description	Amount	To be Reversed in Current Application?
1			
2			
3			
4			
5			
6			
7			
8			
Total		-	
Total principal adjustments included in last approved balance			
Difference		-	

Note 9 **Principal adjustment reconciliation in current application:**

**Notes**

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Year	Account 1589 - RSVA Global Adjustment		
	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	-	

Year	Account 1588 - RSVA Power		
	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142/142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	-	

**1533 DEFERRAL ACCOUNT BALANCE**

This exhibit has been filed separately in MS Excel format.

## **HYDRO ONE APPLICATION FOR RGCRP**

This exhibit has been filed separately in MS Excel format.

# **Tab 2**

## **2022 RATE DESIGN**

This exhibit has been filed separately in MS Excel format.

## **2022 SUB-TRANSMISSION (ST) RATES**

This exhibit has been filed separately in MS Excel format.



Ontario Energy Board

# Revenue Requirement Workform (RRWF)

New Rate Design Policy For Residential Customers  
Please complete the following tables.

## Year-Round Medium Density Residential (R1) - Proposed 2022 Distribution Rates

### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	462,873
kWh	4,619,683,420

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 353,529,053.19
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 49.04
Distribution Volumetric Rate (\$/kWh)	\$ 0.0141

### B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	\$ 49.04	462,873	\$ 272,391,640.88	80.70%
Variable	\$ 0.0141	4,619,683,420	\$ 65,137,536.23	19.30%
<b>TOTAL</b>	-	-	\$ 337,529,177.11	-

### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years <sup>2</sup>	3
--	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 285,303,806.10	\$ 51.36	\$ 285,278,031.73
Variable	\$ 68,225,247.09	\$ 0.0148	\$ 68,371,314.62
<b>TOTAL</b>	\$ 353,529,053.19	-	\$ 353,649,346.35

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	87.13%	\$ 308,045,555.13	\$ 55.46	\$ 308,051,394.85
Variable	12.87%	\$ 45,483,498.06	\$ 0.0098	\$ 45,272,897.52
<b>TOTAL</b>	-	\$ 353,529,053.19	-	\$ 353,324,292.37

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 4.10
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	(\$204,760.82) -0.06%

### Notes:

- The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)



Ontario Energy Board

# Revenue Requirement Workform (RRWF)

New Rate Design Policy For Residential Customers

Please complete the following tables.

## Year-Round Low Density Residential (R2) - Proposed 2022 Distribution Rates

### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	335,422
kWh	4,170,753,000

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 577,929,276.68
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 113.64
Distribution Volumetric Rate (\$/kWh)	\$ 0.0227

### B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	\$ 113.64	335,422	\$ 457,408,411.09	82.85%
Variable	\$ 0.0227	4,170,753,000	\$ 94,676,093.10	17.15%
<b>TOTAL</b>	-	-	\$ 552,084,504.18	-

### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years <sup>2</sup>	3
--	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 478,821,104.67	\$ 118.96	\$ 478,821,758.03
Variable	\$ 99,108,172.01	\$ 0.0238	\$ 99,263,921.40
<b>TOTAL</b>	\$ 577,929,276.68	-	\$ 578,085,679.43

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	88.57%	\$ 511,857,162.00	\$ 127.17	\$ 511,867,543.45
Variable	11.43%	\$ 66,072,114.67	\$ 0.0158	\$ 65,897,897.40
<b>TOTAL</b>	-	\$ 577,929,276.68	-	\$ 577,765,440.85

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 8.21
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	(\$163,835.83)
	-0.03%

### Notes:

- The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)





Ontario Energy Board

# Revenue Requirement Workform (RRWF)

New Rate Design Policy For Residential Customers  
Please complete the following tables.

## Seasonal Residential - Proposed 2022 Distribution Rates

### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	148,937
kWh	551,326,825

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 120,281,819.76
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 50.72
Distribution Volumetric Rate (\$/kWh)	\$ 0.0441

### B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	\$ 50.72	148,937	\$ 90,649,091.79	78.85%
Variable	\$ 0.0441	551,326,825	\$ 24,313,512.99	21.15%
<b>TOTAL</b>	-	-	\$ 114,962,604.78	-

### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years <sup>2</sup>	3
--	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 94,843,342.68	\$ 53.07	\$ 94,849,118.72
Variable	\$ 25,438,477.08	\$ 0.0461	\$ 25,416,166.64
<b>TOTAL</b>	\$ 120,281,819.76	-	\$ 120,265,285.36

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	85.90%	\$ 103,322,835.04	\$ 57.81	\$ 103,320,662.39
Variable	14.10%	\$ 16,958,984.72	\$ 0.0308	\$ 16,980,866.22
<b>TOTAL</b>	-	\$ 120,281,819.76	-	\$ 120,301,528.61

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 4.74
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$19,708.85
	0.02%

### Notes:

1

The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2

The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.

3

Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

## **2022 REVENUE RECONCILIATION**

This exhibit has been filed separately in MS Excel format.

# **Tab 3**

Summary

							Current UTR	Proceeding	Network	Line	Transf							
							2021 UTR (Jul 1 2021)	EB-2020-0251	\$	4.90	\$	0.81	\$	2.65				
		2018 Frst Charge Determinants			Allocators: Sum of Individual Peaks, coincident			Transmission Charges						2022 Proposed RTSR Rates*				
		Network	Line	Transf	Network	Line	Transf	Network	(2018 Forecast Charge Determinants at Current UTR)									
									Line	Transf	Total		Netwk	Conn	Netwrk	Conn		
a.	IESO Bill (Current UTR applied to forecast 2018 HONI-Tx Charge Determinants)				63,112,464	55,578,669	63,916,166	\$	309,251,074	\$	45,018,722	\$169,377,839	\$523,647,635					
b.	ST Rate Class	29,767,536	23,749,954	28,667,137	26,409,685	19,902,037	25,169,965	\$	129,407,454	\$	16,120,650	\$ 66,700,407	\$212,228,511	40.5%	\$4.3473	\$0.6788	\$2.3267	
c.	Retail Rate Classes							\$	179,843,619	\$	28,898,072	\$102,677,432	\$311,419,124	59.5%				
		kwh w loss	kW w loss		CP Tx	CPdX									Netwk	Conn	Netwk	Conn
					%	%		Network		Connection					c/kwh	c/kwh	\$/kW	\$/kW
	Dgen	28,683,143	209,059		0.14%	0.13%		\$	244,502	\$	171,976.57						\$1.1695	\$0.8226
	GSd	2,607,512,242	8,339,611		11.16%	10.70%		\$	20,063,822	\$	14,082,511.43						\$2.4058	\$1.6886
	GSe	2,418,939,987			10.91%	10.76%		\$	19,622,356	\$	14,158,865.21				\$0.8112	\$0.5853		
	R1	4,940,740,405			28.22%	28.70%		\$	50,743,435	\$	37,758,702.74				\$1.0270	\$0.7642		
	R2	4,785,245,772			25.56%	26.05%		\$	45,961,604	\$	34,274,647.28				\$0.9605	\$0.7163		
	Seasonal	646,239,904			2.90%	3.14%		\$	5,208,412	\$	4,127,599.09				\$0.8060	\$0.6387		
	UGd	1,088,728,239	2,833,565		4.91%	4.67%		\$	8,828,671	\$	6,143,709.17						\$3.1157	\$2.1682
	UGe	644,525,439			3.12%	2.95%		\$	5,607,614	\$	3,882,236.44				\$0.8700	\$0.6023		
	UR	2,018,672,031			12.52%	12.42%		\$	22,517,537	\$	16,348,228.72				\$1.1155	\$0.8099		
	USL	32,202,926			0.12%	0.12%		\$	218,867	\$	156,170.77				\$0.6797	\$0.4850		
	Street Light	108,545,497			0.40%	0.31%		\$	726,673	\$	413,043.74				\$0.6695	\$0.3805		
	Sentinel Light	14,822,617			0.06%	0.04%		\$	100,126	\$	57,813.44				\$0.6755	\$0.3900		

\* RTSR Rates shown for demand billed customers are to be adjusted by the total loss factor, as approved by the Ontario Energy Board, and applied to non-loss adjusted charge determinants

**Table 1**  
**IESO charges**  
**(2018 Charge Determinant Forecast at Current UTR\*)**

	<b>Tx Network</b>	<b>Tx Line</b>	<b>Tx Transformation</b>	<b>Total IESO Bill</b>	<b>Share</b>
IESO Bill	\$309,251,074	\$45,018,722	\$169,377,839	\$523,647,635	
ST	\$129,407,454	\$16,120,650	\$66,700,407	\$212,228,511	41%
Retail	\$179,843,619	\$28,898,072	\$102,677,432	\$311,419,124	59%
UR	\$22,517,537	\$3,590,579	\$12,757,649	\$38,865,766	
R1	\$50,743,435	\$8,292,985	\$29,465,717	\$88,502,138	
R2	\$45,961,604	\$7,527,778	\$26,746,869	\$80,236,252	
Seasonal	\$5,208,412	\$906,549	\$3,221,050	\$9,336,011	
UGe	\$5,607,614	\$852,660	\$3,029,577	\$9,489,851	
UGd	\$8,828,671	\$1,349,350	\$4,794,360	\$14,972,380	
GSe	\$19,622,356	\$3,109,727	\$11,049,138	\$33,781,221	
GSd	\$20,063,822	\$3,092,957	\$10,989,554	\$34,146,333	
DGen	\$244,502	\$37,771	\$134,205	\$416,478	
USL	\$218,867	\$34,300	\$121,871	\$375,038	
Street Light	\$726,673	\$90,717	\$322,326	\$1,139,717	
Sentinel Light	\$100,126	\$12,698	\$45,116	\$157,940	

\* Decision and Rate Order on 2021 UTRs in EB-2021-0176 dated June 24, 2021

**Table 2**  
**Proposed 2022 RTSR**

RATE CLASS	Approved 2021 Rates		Proposed 2022 Rates	
	Network	Line Connection	Network	Line Connection
Urban (\$/kWh)	0.0089	0.0077	0.0112	0.0081
R1 (\$/kWh)	0.0082	0.0073	0.0103	0.0076
R2 (\$/kWh)	0.0077	0.0068	0.0096	0.0072
Seasonal (\$/kWh)	0.0064	0.0061	0.0081	0.0064
Urban General Service energy (\$/kWh)	0.0070	0.0057	0.0087	0.0060
Urban General Service demand (\$/kW)	2.4926	2.0579	3.1157	2.1682
General Service energy (\$/kWh)	0.0065	0.0056	0.0081	0.0059
General Service demand (\$/kW)	1.9247	1.6028	2.4058	1.6886
Distributed Generator (\$/kW)	0.9356	0.7808	1.1695	0.8226
Unmetered Scattered Load (\$/kWh)	0.0054	0.0046	0.0068	0.0049
Street Lights (\$/kWh)	0.0054	0.0036	0.0067	0.0038
Sentinel Lights (\$/kWh)	0.0054	0.0037	0.0068	0.0039
ST (\$/kW)	3.4778	0.8128 Line	4.3473	0.6788 Line
		2.0458 Transf.		2.3267 Transf.

\* For customer classes that do not have separate proposed Line and Transformation charges, the Line Connection charges shown include Transformation charges

# **Tab 4**

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2022**  
**Approved on an Interim Basis**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**EB-2021-0032**

## **RESIDENTIAL SERVICE CLASSIFICATIONS**

A year-round residential customer classification applies to a 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 or Federal elections must be enumerated for this purpose at the address of this residence.

Seasonal Residential customer classification 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.



**YEAR-ROUND URBAN DENSITY - UR**  
**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	37.62
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.83
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0112
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0081

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**YEAR-ROUND MEDIUM DENSITY - R1\*\***  
**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	55.46
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.56
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0098
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0103
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0076

\*\*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 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**YEAR-ROUND LOW DENSITY - R2\*\*****MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge*	\$	127.17
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	4.42
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0158
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0096
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0072

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

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

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**SEASONAL****MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	57.81
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.79
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0308
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0064

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE CLASSIFICATIONS

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.

## 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	26.67
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.81
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0320
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0087
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0060

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	33.76
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.11
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0673
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0022
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0059

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	103.68
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	3.92
Distribution Volumetric Rate	\$/kW	11.0550
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.4134
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	3.1157
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	2.1682

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	112.47
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	4.34
Distribution Volumetric Rate	\$/kW	19.1798
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.7338
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	2.4058
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.6886

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## **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.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	199.36
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.74
Distribution Volumetric Rate	\$/kW	10.7150
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.0883
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	1.1695
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.8226

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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:
  - is three-phase; and
  - is directly connected to and supplied from Hydro One Distribution assets between 44 kV and 13.8 kV inclusive; the meaning of "directly includes Hydro One not owning the local transformation; and
  - 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.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	606.51
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	36.18
Meter Charge (for Hydro One ownership) (see Note 9)	\$	761.93
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 11)	\$/kW	1.6022
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.0540
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	626.0882
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 11)	\$/kW	2.4058
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 11)	\$/kW	4.0946
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 11)	\$/kW	1.6888
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	4.3473
Retail Transmission Rate - Line Connection Service Rate (see Note 5)	\$/kW	0.6788
Retail Transmission Rate - Transformation Connection Service Rate (see Note 5)	\$/kW	2.3267

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. 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, traffic signals, 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	39.38
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.89
Distribution Volumetric Rate	\$/kWh	0.0262
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0006
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	0.0049

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification is applicable to all Hydro One Networks' customers 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, 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3.13
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.14
Distribution Volumetric Rate	\$/kWh	0.1702
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0078
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	0.0039

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## STREET LIGHTING SERVICE CLASSIFICATION

This classification is applicable to all Hydro One Networks' customers 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3.67
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.1121
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0034
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0038

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 10)	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers (see Note 10)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 10)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## microFIT SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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## 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)

### TRANSFORMER 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).

For installations up to and including bank capacity of 400 kVA	%	(1.50)
For bank capacities over 400 kVA	%	(1.00)

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.

## LOSS FACTORS

Residential - UR	1.057
Residential - R1	1.076
Residential - R2	1.105
Residential - Seasonal	1.104
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
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

# SPECIFIC SERVICE CHARGES

## APPLICATION

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

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

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

## Customer Administration

Easement letter - letter request	\$	92.51
Easement letter - web request	\$	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)	\$	30.00

## Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
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	\$	415.00

## Other

Service call - customer owned equipment - during regular hours	\$	210.00*
Service call - customer owned equipment - after regular hours	\$	775.00*
Temporary service install & remove - overhead - no transformer	\$	Actual Costs
Temporary service install & remove - underground - no transformer	\$	Actual Costs
Temporary service install & remove - overhead - with transformer	\$	Actual Costs
Specific charge for access to power poles - telecom	\$	44.50
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
		\$4,965.66 plus
Railway crossings	\$	Railway Feedthrough Costs
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 - embedded LDC generators	\$	2,996.97
Connection impact assessments - small projects <= 500 kw	\$	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

## 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	\$	104.24
Monthly fixed charge, per retailer	\$	41.70
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
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)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08

## 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 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.
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. The Meter charge is applied per metering facility at delivery points for which Hydro One owns the metering.
10. 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.
11. 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.



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**RESIDENTIAL SERVICE CLASSIFICATIONS**

A year-round residential customer classification applies to a 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 or Federal elections must be enumerated for this purpose at the address of this residence.

Seasonal Residential customer classification 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.

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**YEAR-ROUND URBAN DENSITY - UR****MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	35.92
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.83
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$	(0.14)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.50)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0089
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0077

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**YEAR-ROUND MEDIUM DENSITY - R1\*\*****MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	49.04
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.56
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$	(0.14)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.85)
Distribution Volumetric Rate	\$/kWh	0.0141
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0008)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0082
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0073

\*\*The rates set out above do not reflect the impact of the Distribution Rate Protection program on R1 customers (per EB-2018-0192, Decision and Order, June 21, 2018)

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**YEAR-ROUND LOW DENSITY - R2\*\*****MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge*	\$	113.64
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	4.42
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$	(0.14)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(1.92)
Distribution Volumetric Rate	\$/kWh	0.0227
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0068

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

\*\*The rates set out above do not reflect the impact of the Distribution Rate Protection program on R2 customers (per EB-2018-0192, Decision and Order, June 21, 2018)

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**SEASONAL****MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	50.72
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.79
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$	(0.14)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.90)
Distribution Volumetric Rate	\$/kWh	0.0441
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0023)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0061

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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## **GENERAL SERVICE CLASSIFICATIONS**

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.

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**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.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	25.59
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.81
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$	(0.14)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.36)
Distribution Volumetric Rate	\$/kWh	0.0306
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0057

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**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.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	32.48
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.11
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$	(0.14)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.45)
Distribution Volumetric Rate	\$/kWh	0.0642
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0007)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0056

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**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.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	100.19
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	3.92
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(1.40)
Distribution Volumetric Rate	\$/kW	10.5601
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.4134
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kW	0.1062
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kW	(0.0004)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	2.4926
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	2.0579

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**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.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	108.28
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	4.34
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(1.52)
Distribution Volumetric Rate	\$/kW	18.3296
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.7338
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kW	0.0117
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kW	(0.2555)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	1.9247
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.6028

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**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.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	195.54
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	1.74
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(2.74)
Distribution Volumetric Rate	\$/kW	9.8163
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.0883
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kW	(0.1359)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kW	(0.1365)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	0.9356
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.7808

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**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:
  - is three-phase; and
  - is directly connected to and supplied from Hydro One Distribution assets between 44 kV and 13.8 kV inclusive; the meaning of "directly" includes Hydro One not owning the local transformation; and
  - 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.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	582.74
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	36.18
Meter Charge (for Hydro One ownership) (see Note 11)	\$	729.56
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(15.70)
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.5335
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kW	0.0540
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	626.0882
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	2.1154
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	3.7825
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 14)	\$/kW	1.6671
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kW	0.9444
Rate Rider for Disposition of Deferral/Variance Accounts (Non WMP) (2021) – effective until December 31, 2021	\$/kW	(1.1389)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kW	(0.0219)
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kW	3.4778
Retail Transmission Rate - Line Connection Service Rate (see Note 5)	\$/kW	0.8128
Retail Transmission Rate - Transformation Connection Service Rate (see Note 5)	\$/kW	2.0458

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. 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, traffic signals, 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.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	37.58
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.89
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.53)
Distribution Volumetric Rate	\$/kWh	0.0251
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kWh	(0.0004)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0046

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification is applicable to all Hydro One Networks' customers 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

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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.

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## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2.86
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.14
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.04)
Distribution Volumetric Rate	\$/kWh	0.1556
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0078
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0021)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kWh	(0.0022)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0037

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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## STREET LIGHTING SERVICE CLASSIFICATION

This classification is applicable to all Hydro One Networks' customers 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.

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## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3.50
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$	0.11
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.1071
Base Rate Adjustment to Recover Past Tax Amounts - effective until June 30, 2023	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2021) – effective until December 31, 2021	\$/kWh	(0.0009)
Rate Rider for Disposition of Global Adjustment Account (2021) – effective until December 31, 2021 (see Note 13)	\$/kWh	(0.0039)
Rate Rider for Disposition of 2019 Earnings Sharing - effective until December 31, 2021	\$/kWh	(0.0015)
Retail Transmission Rate - Network Service Rate (see Note 4)	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0036

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR (see Note 12)	\$/kWh	0.0030
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	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	4.55
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## 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)

### TRANSFORMER 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).

For installations up to and including bank capacity of 400 kVA	%	(1.50)
For bank capacities over 400 kVA	%	(1.00)

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.

## LOSS FACTORS

Residential - UR	1.057
Residential - R1	1.076
Residential - R2	1.105
Residential - Seasonal	1.104
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
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

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## SPECIFIC SERVICE CHARGES

### APPLICATION

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### Customer Administration

Easement letter - letter request	\$	91.12
Easement letter - web request	\$	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)	\$	30.00

### Non-Payment of Account (see Note 15)

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	\$	415.00

### Other

Service call - customer owned equipment - during regular hours	\$	210.00*
Service call - customer owned equipment - after regular hours	\$	775.00*
Temporary service install & remove - overhead - no transformer	\$	Actual Costs
Temporary service install & remove - underground - no transformer	\$	Actual Costs
Temporary service install & remove - overhead - with transformer	\$	Actual Costs
Specific charge for access to power poles - telecom	\$	44.50
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)	\$	586.72
Pipeline crossings	\$	2,465.43
Water crossings	\$	3,668.82
		\$4,899.24 plus
Railway crossings	\$	Railway Feedthrough Costs
Overhead line staking per meter	\$	4.36
Underground line staking per meter	\$	3.14
Subcable line staking per meter	\$	2.74
Central metering - new service <45 kw	\$	100.00
Conversion to central metering <45 kw	\$	1,593.19
Conversion to central metering >=45 kw	\$	1,493.19
Connection impact assessments - net metering	\$	3,285.66
Connection impact assessments - embedded LDC generators	\$	2,960.07
Connection impact assessments - small projects <= 500 kw	\$	3,361.46
Connection impact assessments - small projects <= 500 kw, simplified	\$	2,028.44
Connection impact assessments - greater than capacity allocation exempt projects - capacity allocation required projects	\$	8,890.57

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Connection impact assessments - greater than capacity allocation exempt projects - TS review for LDC capacity allocation required projects	\$	5,895.15
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	\$	89.24
LDC rate for 15' of power space	\$	107.09
LDC rate for 20' of power space	\$	118.99
LDC rate for 25' of power space	\$	127.49
LDC rate for 30' of power space	\$	133.86
LDC rate for 35' of power space	\$	138.82
LDC rate for 40' of power space	\$	142.79
LDC rate for 45' of power space	\$	146.03
LDC rate for 50' of power space	\$	148.74
LDC rate for 55' of power space	\$	151.03
LDC rate for 60' of power space	\$	152.99

Specific Charge for Generator Access to the Power Poles (\$/pole/year)

Generator rate for 10' of power space	\$	89.24
Generator rate for 15' of power space	\$	107.09
Generator rate for 20' of power space	\$	118.99
Generator rate for 25' of power space	\$	127.49
Generator rate for 30' of power space	\$	133.86
Generator rate for 35' of power space	\$	138.82
Generator rate for 40' of power space	\$	142.79
Generator rate for 45' of power space	\$	146.03
Generator rate for 50' of power space	\$	148.74
Generator rate for 55' of power space	\$	151.03
Generator rate for 60' of power space	\$	152.99

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## **RETAIL SERVICE CHARGES (if applicable)**

### **APPLICATION**

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.24
Monthly fixed charge, per retailer	\$	41.70
Monthly variable charge, per customer, per retailer	\$	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
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)	\$	4.17
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.08



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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 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.
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 Deferral/Variance Accounts (General) is charged based on appropriate billing kW.
10. Rate Rider for Disposition of Deferral/Variance Account (non-WMP customers) 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 adjusted by the total loss factor, 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.

# Tab 5

## **2022 BILL IMPACTS**

This exhibit has been filed separately in MS Excel format.