

GrandBridge Energy Inc.

**2024 Incentive Regulation Mechanism (“IRM”)
Distribution Rate Application**

EB-2023-0023

For Rates Effective January 1, 2024

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

AND IN THE MATTER OF an Application by GrandBridge Energy Inc. to the Ontario
Energy Board for an Order or Orders approving or fixing just and reasonable
distribution rates and other service charges to be effective January 1, 2024.

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Attachments:

- Attachment A-1: 2024 IRM Rate Generator Model for GBE(BPI) Rate Zone (Excel);
- Attachment A-2: 2024 IRM Rate Generator Model for GBE(E+) Rate Zone (Excel);
- Attachment B-1: 2023 Approved Tariff of Rates and Charges for GBE(BPI) Rate Zone;
- Attachment B-2: 2023 Approved Tariff of Rates and Charges for GBE(E+) Rate Zone;
- Attachment C-1: 2024 Proposed Tariff of Rates and Charges for GBE(BPI) Rate Zone;
- Attachment C-2: 2024 Proposed Tariff of Rates and Charges for GBE(E+) Rate Zone;
- Attachment D-1: Global Adjustment Work Form for GBE(BPI) Rate Zone (Excel);
- Attachment D-2: Global Adjustment Work Form for GBE(E+) Rate Zone (Excel);
- Attachment E-1: LRAMVA Workform for GBE(BPI) Rate Zone (Excel);
- Attachment E-2: LRAMVA Workform for GBE(E+) Rate Zone (Excel);
- Attachment F: 2024 IRM Checklist
- Attachment G: Distribution System Loss Factor Report

1. Contact Information

Applicant's Name: GrandBridge Energy Inc.

Applicant's Service Address: 39 Glebe Street, PO Box 1060
Cambridge, ON N1R 5X6

Primary Contact for Electricity Distribution License: Sarah Hughes, CPA, CA, C. Dir.
Vice President Corporate Services & CFO
Phone: (519) 621-3530
Email: regulatoryaffairs@grandbridgeenergy.com

Primary Contact for this Application: Dan Molon
Director, Regulatory Affairs & Financial Planning
Phone: (519) 580-6982 ex: 2340
Email: regulatoryaffairs@grandbridgeenergy.com

Applicant's Internet Address: <https://grandbridgeenergy.com/>

Applicant's Legal Counsel: John A.D. Vellone
Partner at Borden, Ladner, Gervais LLP,
Scotia Plaza, 40 King St W
Toronto, ON, Canada M5H 3Y4
Phone: 416-367-6277
Email: jvellone@blg.com

2. Customers Affected

Those affected by this Application are the electricity distribution customers of GrandBridge Energy Inc. and include customers residing in the following service territories: (i) the City of Brantford, (ii) the City of Cambridge; (iii) the Township of North Dumfries; and (iv) within the County of Brant, including the areas of Paris, St. George, Cainsville, and Burford.

3. Certification of Evidence

As Vice President, Corporate Services and CFO of GrandBridge Energy Inc., I certify, to the best of my knowledge, that the evidence filed in this 2024 IRM application is accurate, consistent, and complete. The filing is consistent with the requirements of Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications, as last revised on June 15, 2023.

To the best of my knowledge, I certify that GrandBridge Energy Inc. has robust processes and internal controls in place for the preparation, review, verification and oversight of the deferral and variance account balances being disposed, consistent with the certification requirements in Chapter 1 and 3 of the Filing Requirements for Transmission and Distribution Rate Applications.

Certified by:

Original Signed by Sarah Hughes



Date: August 17, 2023

**Sarah Hughes, CPA, CA
Vice President, Corporate Services & CFO**

1 **4. Manager's Summary**

2 **4.1 Corporate Overview**

3 GrandBridge Energy Inc. ("GrandBridge Energy" or "GBE") is a licensed electricity distributor
4 (ED-2021-0280) that owns and operates the electricity distribution system in the City of
5 Brantford, City of Cambridge, Township of North Dumfries, and County of Brant. GrandBridge
6 Energy serves approximately 111,000 Residential, General Service, Large User, Street Light,
7 Unmetered Scattered Load and Sentinel Light customers and connections. GBE also provides
8 Low Voltage facilities to Hydro One Networks Inc. and Waterloo North Hydro Inc.

9 Effective May 2, 2022, Energy+ Inc. ("E+") and Brantford Power Inc. ("BPI") amalgamated
10 pursuant to the provisions of the Business Corporations Act (Ontario), to continue as one
11 corporation under the name "GrandBridge Energy Inc.". In accordance with the Ontario Energy
12 Board's ("OEB" or the "Board") Decision and Order dated March 17, 2022 (EB-2021-0280), the
13 electricity distribution licenses for E+ and BPI were cancelled, and a new license was issued for
14 GBE on May 2, 2022.

15 Although both service territories are now under one Distribution license, each of the service
16 territories will continue to require separate Tariffs of Rates and Charges until rates are
17 harmonized through the filing of one Cost of Service Rate Application, which is expected to be
18 effective for 2032 distribution rates, based on the 10 year deferral period.

19 For reference purposes, the service territory for the City of Cambridge, Township of North
20 Dumfries and County of Brant (including newly annexed section of the City of Brantford) will be
21 referred to as the GBE(E+) Rate Zone and the service territory for the City of Brantford will be
22 referred to as the GBE(BPI) Rate Zone.

23

1 **4.2 Application**

2 **4.2.1 PROPOSED RATE ADJUSTMENTS FOR JANUARY 1, 2024**

3 GrandBridge Energy hereby applies to the Ontario Energy Board pursuant to Section 78 of the
4 Ontario Energy Board Act, 1998 as amended (the “OEB Act”) for approval of its proposed
5 distribution rates and other charges provided based on the 4th Generation Incentive Rate-setting
6 (“Price Cap IR”) effective January 1, 2024.

7 On June 6, 2023, the Ontario Energy Board issued a letter to all distributors assigning filing
8 dates for four tranches of distributors, based on the requested implementation date and
9 complexity of the application the distributor was submitting. GrandBridge Energy was assigned
10 to Tranche 1, which required the 2024 IRM rate application to be filed by August 17, 2023.

11 GBE hereby applies to the OEB in this Application, for an Order approving the proposed
12 distribution rates and other charges, effective January 1, 2024, as updated and adjusted in
13 accordance with *Chapter 3 of the OEB’s Filing Requirements for Electricity Distribution Rate*
14 *Applications* last revised on June 15, 2023 (the “Chapter 3 Requirements”), including the
15 following adjustments by rate zone:

16 **GBE(BPI) Rate Zone**

- 17 1. An adjustment to existing distribution rates to reflect the Price Cap Index Adjustment,
18 including the Standby Classification which is approved on an interim basis.
- 19 2. An adjustment to the existing Retail Service Rates to reflect Inflation.
- 20 3. An adjustment to the existing Retail Transmission Service Rates.
- 21 4. Disposition of Group 1 Deferral and Variance accounts, representing a net recovery from
22 customers in the amount of \$2,894,337 to be recovered through rate riders over a 12-
23 month period.
- 24 5. Disposition of the Lost Revenue Adjustment Mechanism Variance Account (“LRAMVA”),
25 representing a net recovery from customers in the amount of \$99,116 over a 12-month
26 period.

27 **GBE(E+) Rate Zone**

- 28 1. An adjustment to existing distribution rates to reflect the Price Cap Index Adjustment.
- 29 2. An adjustment to the existing Retail Service Rates to reflect Inflation.

- 1 3. An adjustment to the existing Retail Transmission Service Rates.
- 2 4. Disposition of Group 1 Deferral and Variance accounts, representing a net recovery
- 3 from customers in the amount of \$4,120,611 to be recovered through rate riders over a
- 4 12-month period.
- 5 5. Disposition of the LRAMVA, representing a net refund to customers in the amount of
- 6 \$(117,010) over a 12-month period.
- 7 6. Continuation of the Rate Rider for Recovery of Incremental Capital as detailed in
- 8 EB-2019-0031 and the Rate Rider for Recovery of Advanced Capital Module as detailed
- 9 in EB-2021-0018.

10 Should the regulatory charges, including the Smart Meter Entity Charge, the Wholesale Market
11 Service Rate, the Rural or Remote Electricity Rate Protection Charge, the Standard Supply
12 Service – Administrative Charge (if applicable), the MicroFIT Generator Service Classification
13 Service Charge and Specific Service Charge for Access to Poles be updated by the OEB prior
14 to the issuance of the Decision and Order in this Application, GBE will work with OEB staff to
15 update the associated rates in the Tariffs of Rates for both rate zones.

16 If the Board is unable to provide a Decision and Order on this Application for implementation by
17 the Applicant as of January 1, 2024, GBE requests that the Board issue an Interim Rate Order
18 declaring the current Distribution Rates and Retail Service Charges as interim until such time as
19 the 2024 rates are approved.

20 If the effective date does not coincide with the Board's approved implementation date for 2024
21 Distribution Rates and Charges, GBE requests permission to recover the incremental revenue
22 from the effective date to the implementation date.

23 **4.2.2 APPLICATION AND ELECTRONIC MODELS**

24 The Applicant followed Chapter 3 Requirements, and the Filing Instructions provided in the
25 OEB's 2024 IRM Rate Generator Model ("2024 IRM Model") issued to distributors by the OEB
26 on July 18, 2023.

27 The 2024 IRM Models for each rate zone were prepopulated with the most recent tariffs of rates
28 and charges, billing determinants from the April 2023 RRR filings, and Group 1 DVA balances as
29 of December 31, 2022, from the same RRR filings. GrandBridge Energy has reviewed and

1 confirms the accuracy of the prepopulated data. GrandBridge Energy confirms it has not
2 revised any RRR data after it has been incorporated into the model.

3 GrandBridge Energy confirms that no changes have been made to the models and workforms to
4 be used by Distributors, with the exception noted in Section 4.3.4 related to the inclusion of
5 Gross Load Billing units to be used in the calculation of RTSRs for the GBE(E+) Rate Zone
6 consistent with past applications.

7 The completed 2024 IRM Models and supplementary work forms for each Rate Zone will be
8 submitted in both Excel and PDF format. GBE has cited supporting documentation throughout
9 this Application as appropriate, and copies of relevant supporting documents are included with
10 the Attachments to this Application.

11 The following is a list of attachments to this document, marked with ("Excel") if the
12 corresponding model is being submitted:

- 13 • Attachment A-1: 2024 IRM Rate Generator Model for GBE(BPI) Rate Zone (Excel);
- 14 • Attachment A-2: 2024 IRM Rate Generator Model for GBE(E+) Rate Zone (Excel);
- 15 • Attachment B-1: 2023 Approved Tariff of Rates and Charges for GBE(BPI) Rate Zone;
- 16 • Attachment B-2: 2023 Approved Tariff of Rates and Charges for GBE(E+) Rate Zone;
- 17 • Attachment C-1: 2024 Proposed Tariff of Rates and Charges for GBE(BPI) Rate Zone;
- 18 • Attachment C-2: 2024 Proposed Tariff of Rates and Charges for GBE(E+) Rate Zone;
- 19 • Attachment D-1: Global Adjustment Work Form for GBE(BPI) Rate Zone (Excel);
- 20 • Attachment D-2: Global Adjustment Work Form for GBE(E+) Rate Zone (Excel);
- 21 • Attachment E-1: LRAMVA Workform for GBE(BPI) Rate Zone (Excel);
- 22 • Attachment E-2: LRAMVA Workform for GBE(E+) Rate Zone (Excel);
- 23 • Attachment F: 2024 IRM Checklist
- 24 • Attachment G: Distribution System Loss Factor Report

25 Consistent with Section 3.1.2 of the Chapter 3 Requirements, all attachments have been
26 provided in text-searchable PDF format where possible. Excel Models have been filed through
27 the RESS.

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4.2.3 SUMMARY OF BILL IMPACTS

The following tables summarize the bill impacts arising from all the requested rate adjustments in this Application.

Table 1: Bill Impacts of Proposed 2024 Rates – GBE(BPI) Rate Zone

GBE (BPI) Rate Zone - Rate Class	kWh	kW	Distribution (Fixed & Volumetric)				Total Bill (including HST)			
			2023 Approved	2024 Proposed	\$ Change	% Impact	2023 Approved	2024 Proposed	\$ Change	% Impact
Residential	750	—	\$ 28.79	\$ 30.13	\$ 1.34	4.7%	\$ 120.43	\$ 125.85	\$ 5.42	4.5%
GS<50kW	2,000	—	\$ 56.76	\$ 59.49	\$ 2.73	4.8%	\$ 295.78	\$ 312.20	\$ 16.42	5.6%
GS<50kW to 4,999 kW	100,000	250	\$ 1,157.87	\$ 1,211.70	\$ 53.83	4.6%	\$ 15,876.77	\$ 16,088.96	\$ 212.19	1.3%
Emb Distributor	2,000,000	12,000	\$ 33,940.65	\$ 35,518.89	\$1,578.24	4.6%	\$ 370,372.53	\$ 393,959.06	\$ 23,586.53	6.4%
Sentinel Lighting	55	1	\$ 30.44	\$ 31.85	\$ 1.41	4.6%	\$ 47.04	\$ 50.43	\$ 3.39	7.2%
Street Lighting	622,000	1,900	\$ 24,561.66	\$ 25,687.55	\$1,125.89	4.6%	\$ 119,795.38	\$ 122,511.49	\$ 2,716.11	2.3%
Unmetered Scattered Load	280	—	\$ 11.44	\$ 11.96	\$ 0.52	4.5%	\$ 53.61	\$ 55.89	\$ 2.28	4.3%

Table 2: Bill Impacts of Proposed 2024 Rates – GBE(E+) Rate Zone

GBE (E+) Rate Zone - Rate Class	kWh	kW	Distribution (Fixed & Volumetric)				Total Bill (including HST)			
			2023 Approved	2024 Proposed	\$ Change	% Impact	2023 Approved	2024 Proposed	\$ Change	% Impact
Residential	750	—	\$ 30.84	\$ 32.27	\$ 1.43	4.6%	\$ 123.90	\$ 126.19	\$ 2.29	1.8 %
GS<50kW	2,000	—	\$ 52.01	\$ 54.38	\$ 2.37	4.6%	\$ 294.74	\$ 306.88	\$ 12.14	4.1 %
GS>50 to 999 kW	20,000	60	\$ 365.70	\$ 382.70	\$ 17.00	4.6%	\$ 3,520.15	\$ 3,561.91	\$ 41.76	1.2 %
GS>1,000 to 4,999 kW	800,000	2,000	\$ 9,428.25	\$ 9,866.67	\$ 438.42	4.7%	\$ 126,447.43	\$ 126,666.67	\$ 219.24	0.2 %
Large Use	6,600,000	16,000	\$ 39,584.25	\$ 41,425.22	\$1,840.97	4.7%	\$ 1,039,757.61	\$ 1,054,374.58	\$ 14,616.97	1.4 %
Unmetered Scattered Load	100	—	\$ 8.05	\$ 8.42	\$ 0.37	4.6%	\$ 20.71	\$ 21.23	\$ 0.52	2.5 %
Street Lighting	400,000	700	\$ 13,050.67	\$ 13,658.58	\$ 607.91	4.7%	\$ 69,370.03	\$ 41,145.11	\$ (28,224.92)	(40.7)%
Sentinel Lighting	10,000	29	\$ 1,358.95	\$ 1,422.15	\$ 63.20	4.7%	\$ 2,551.16	\$ 2,618.13	\$ 66.97	2.6 %
Emb Distributor - Hydro One CND	1,382,000	2,574	\$ 6,030.11	\$ 6,310.42	\$ 280.31	4.6%	\$ 201,513.97	\$ 202,907.92	\$ 1,393.95	0.7 %
Emb Distributor - Waterloo North	—	8,280	\$ 15,057.18	\$ 15,757.67	\$ 700.49	4.7%	\$ 78,871.57	\$ 76,240.55	\$ (2,631.02)	(3.3)%
Emb Distributor - Brantford	50,000	27	\$ 281.03	\$ 294.10	\$ 13.07	4.7%	\$ 7,017.30	\$ 7,016.13	\$ (1.17)	— %
Emb Distributor - Hydro One #1	1,300,000	2,340	\$ 3,145.23	\$ 3,291.57	\$ 146.34	4.7%	\$ 186,064.56	\$ 187,270.74	\$ 1,206.18	0.6 %
Emb Distributor - Hydro One #2	1,990,000	4,050	\$ 77.49	\$ 81.09	\$ 3.60	4.6%	\$ 255,228.47	\$ 256,654.55	\$ 1,426.08	0.6 %

Consistent with Section 3.1.3 of the Chapter 3 Requirements, the commodity rates and regulatory charges have been held constant to the Regulated Price Plan (“RPP”) rates at the time the rate generator model was published. The current TOU pricing which was in place as of November 1, 2022, is: 7.4 cents /kWh for Off-Peak; 10.2 cents /kWh for Mid-Peak; and 15.1 cents /kWh for On-Peak. The typical residential consumption used in calculating bill impacts is 750 kWh, consistent with the *Report of the Board- Defining Ontario’s Typical Residential Customer*¹.

¹ EB-2016-0153

1 **4.3 Elements of the Price Cap IR and the Annual IR Index** 2 **Plans**

3 This Manager's Summary will address the Elements of the Price Cap IR and the Annual IR
4 Index Plans, as detailed in the Chapter 3 Requirements are as follows:

- 5 • Annual Adjustment Mechanism
- 6 • Revenue-to-Cost Ratio Adjustments
- 7 • Rate Design for Residential Electricity Customers
- 8 • Electricity Distribution Retail Transmission Service Rates ("RTSRs")
- 9 • Low Voltage Service Rates (optional)
- 10 • Review and Disposition of Group 1 Deferral and Variance Account Balances
- 11 • Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA")
- 12 • Tax Changes
- 13 • Z-Factor Claims
- 14 • Off-Ramps

15

16 **4.3.1 ANNUAL ADJUSTMENT MECHANISM**

17 Under Price Cap IR, distribution rates are adjusted annually based on the OEB-approved
18 formula which incorporates the OEB's expectations of efficiency and productivity gains. The
19 annual adjustment is based on an annual rate of inflation minus an "X-Factor" adjustment. The
20 X-Factor is comprised of two components, a sector-wide productivity factor and an LDC-specific
21 stretch factor.

22 GBE has included price cap adjustments of 4.65% for both Rate Zones which includes a price
23 escalator of 4.80%, less the Stretch Factor value of 0.15% assigned to GrandBridge Energy.

24 Per the OEB's June 29, 2023 letter regarding 2024 inflation parameters, the 2024 price
25 escalator for electricity distributors was calculated to be 4.8%.

26 The Stretch Factor Value is based on the *PEG Empirical Research in Support of Incentive Rate-*
27 *Setting: 2022 Benchmarking Update, July 2023*. In the report, GBE was placed in Group 2 for
28 Stretch Factor Assignments which allows for a Stretch Factor adjustment of 0.15%.

29 Consistent with the Chapter 3 Requirements, the annual adjustments have been applied to the
30 Monthly Service Charge ("Monthly Fixed Charge" or "Monthly Distribution Rate") and Distribution

1 Volumetric Rate (“Variable Rate”) for each customer class (excluding the MicroFIT Service
 2 Charge). The adjustments do not apply to any of the out of scope items listed in Section 3.2.1.1.
 3 of the Chapter 3 Requirements.

4 The price escalator adjustment also applies to the Retail Service Charges, which have been
 5 adjusted by a 4.80% inflation factor that was prepopulated on Tab 18. Regulatory Charges of the
 6 2024 IRM Models.

7 Table 3: Proposed Distribution Rates – GBE(BPI) Rate Zone and Table 4: Proposed Distribution
 8 Rates – GBE(E+) Rate Zone summarize the Monthly Fixed Service Charges and the Variable
 9 Volumetric Charges as approved for January 1, 2023, and as proposed for January 1, 2024.

10 **Table 3: Proposed Distribution Rates – GBE(BPI) Rate Zone**

GBE(BPI) Rate Zone - Rate Class	Units	2023 Approved Charges		Distribution Rate Adjustment	2024 Proposed Charges	
		Monthly Fixed Service Charge	Variable Volumetric Charge		Monthly Fixed Service Charge	Variable Volumetric Charge
Residential	\$/kWh	\$ 28.79	\$ —	4.65 %	\$ 30.13	\$ —
GS < 50kW	\$/kWh	\$ 32.96	\$ 0.0119	4.65 %	\$ 34.49	\$ 0.0125
GS > 50 to 4,999kW	\$/kW	\$ 253.89	\$ 3.6159	4.65 %	\$ 265.70	\$ 3.7840
Embedded Distributor	\$/kW	\$ 547.05	\$ 2.7828	4.65 %	\$ 572.49	\$ 2.9122
Sentinel Lighting	\$/kW	\$ 5.25	\$ 25.1909	4.65 %	\$ 5.49	\$ 26.3623
Street Lighting	\$/kW	\$ 1.78	\$ 7.4476	4.65 %	\$ 1.86	\$ 7.7939
Unmetered Scattered Load	\$/kWh	\$ 9.56	\$ 0.0067	4.65 %	\$ 10.00	\$ 0.0070
Standby Power	\$/kW	\$ —	\$ 1.8634	4.65 %	\$ —	\$ 1.9500
MicroFit	\$/kW	\$ 4.55	\$ —	— %	\$ 4.55	\$ —

11

12 **Table 4: Proposed Distribution Rates – GBE(E+) Rate Zone**

GBE(E+) Rate Zone - Rate Class	Units	2023 Approved Charges		Distribution Rate Adjustment	2024 Proposed Charges	
		Monthly Fixed Service Charge	Variable Volumetric Charge		Monthly Fixed Service Charge	Variable Volumetric Charge
Residential	\$/kWh	\$ 30.84	\$ —	4.65 %	\$ 32.27	\$ —
GS<50kW	\$/kWh	\$ 16.61	\$ 0.0177	4.65 %	\$ 17.38	\$ 0.0185
GS>50 to 999 kW	\$/kW	\$ 113.62	\$ 4.2013	4.65 %	\$ 118.90	\$ 4.3967
GS>1,000 to 4,999 kW	\$/kW	\$ 959.65	\$ 4.2343	4.65 %	\$ 1,004.27	\$ 4.4312
Large Use	\$/kW	\$ 9,965.05	\$ 1.8512	4.65 %	\$ 10,428.42	\$ 1.9373
Unmetered Scattered Load	\$/kW	\$ 6.46	\$ 0.0159	4.65 %	\$ 6.76	\$ 0.0166
Street Lighting	\$/kWh	\$ 2.11	\$ 16.9950	4.65 %	\$ 2.21	\$ 17.7853
Sentinel Lighting	\$/kW	\$ 3.13	\$ 46.7525	4.65 %	\$ 3.28	\$ 48.9265
Emb Distributor - Hydro One CND	\$/kW	\$ —	\$ 2.3427	4.65 %	\$ —	\$ 2.4516
Emb Distributor - Waterloo North	\$/kW	\$ —	\$ 1.8185	4.65 %	\$ —	\$ 1.9031
Emb Distributor - Brantford	\$/kW	\$ —	\$ 10.4085	4.65 %	\$ —	\$ 10.8925
Emb Distributor - Hydro One #1	\$/kW	\$ 77.49	\$ 1.3110	4.65 %	\$ 81.09	\$ 1.3720
Emb Distributor - Hydro One #2	\$/kW	\$ 77.49	\$ —	4.65 %	\$ 81.09	\$ —
MicroFit	\$/kW	\$ 4.55	\$ —	— %	\$ 4.55	\$ —

13

1 **4.3.2 REVENUE-TO-COST RATIO ADJUSTMENTS**

2 During Cost of Service Rate Setting, the OEB may order an LDC to adjust its revenue to cost
3 ratios during the Incentive Rate-Setting years to phase-in an adjustment. There are no previous
4 Board-approved adjustments to GrandBridge Energy’s revenue-to-cost ratios required within
5 this application.

6 **4.3.3 RATE DESIGN FOR RESIDENTIAL ELECTRICITY CUSTOMERS**

7 Consistent with the OEB’s Residential Rate Design Policy, both rate zones have incorporated
8 the final phase of the transition to a fully fixed monthly distribution service charge for residential
9 customers. As a result, there are no further transition adjustments for rate design in the 2024
10 rate application.

11 Consistent with Section 3.2.3 of the Chapter 3 Requirements, GrandBridge Energy has also
12 calculated Residential class charges related to pass-through or energy related costs as variable
13 charges for both Rate Zones.

14 The previously approved distribution-related Incremental Capital and Advanced Capital Rate
15 Riders will remain on the Tariff of Rates for the GBE(E+) Rate Zone, which were calculated as
16 monthly fixed charges. Since GrandBridge Energy is not proposing any new distribution-related
17 charges, no other charges are proposed to be recovered via monthly charge.

18 **4.3.3.1 BILL MITIGATION CONSIDERATIONS**

19 As discussed in Section 3.2.3 of the Chapter 3 Requirements, the OEB requires distributors to
20 propose a mitigation plan if the total bill impact for any customer class exceeds 10%. The
21 proposed bill impacts for each customer class are presented in Table 1 and Table 2.

22 In the GBE(E+) Rate Zone, the total bill impact for the Street Lighting rate class is (40.7)%
23 which exceeds the 10% threshold. The reduction in total bill impact for the Street Lighting rate
24 class is due to the LRAMVA rate rider. As this is a reduction to customers’ bills GBE is not
25 proposing mitigation.

26 All other bill impacts are within the 10% mitigation threshold, therefore GBE has not proposed a
27 mitigation plan for either rate zone.

28

1 **4.3.4 ELECTRICITY DISTRIBUTION RETAIL TRANSMISSION RATES**
2 **("RTSR")**

3 GrandBridge Energy is requesting OEB approval to charge the RTSRs as calculated on a
4 preliminary basis in the 2024 IRM Models.

5 In preparing its Application, GBE followed the OEB's *Guideline G-2008-0001: Electricity*
6 *Distribution Retail Transmission Service Rates (RTSR), Revision 4.0, issued June 28, 2012* and
7 completed the RTSR section of the 2024 IRM Models (Tabs 10 to 15) using RRR consumption
8 and demand data from 2022, and historical cost data from 2022. The 2024 IRM Models have
9 calculated adjusted RTSR rates based on historical retail and wholesale transmission volumes,
10 adjusted for forecast wholesale transmission rates.

11 The GBE(BPI) Rate Zone is primarily charged for wholesale transmission rates by the IESO
12 through Uniform Transmission Rates ("UTRs") and receives RTSR charges for electricity
13 through an embedded point to the GBE(E+) Rate Zone.

14 The GBE(E+) Rate Zone is primarily charged for wholesale transmission rates by the IESO
15 through UTRs and receives RTSR charges for electricity through embedded points to Hydro
16 One Networks Inc. and the GBE(BPI) Rate Zone.

17 Table 5: Wholesale Transmission Rates summarizes the pricing used in Tab 11 of the 2024 IRM
18 Models.

1

Table 5: Wholesale Transmission Rates

IESO UTRs Charged to both Rate Zones	2022(Jan-Mar)	2022(Apr-Dec)	2023(Jan-Jun)	2023(Jul-Dec)	2024
Network Service Rate	\$5.13	\$5.46	\$5.60	\$5.37	\$5.37
Line Connection Service Rate	\$0.88	\$0.88	\$0.92	\$0.88	\$0.88
Transformation Connection Service Rate	\$2.81	\$2.81	\$3.10	\$2.98	\$2.98
	<i>EB-2021-0276</i>	<i>EB-2022-0084</i>	<i>EB-2022-0250</i>	<i>EB-2023-0101</i>	<i>(placeholder)</i>

GBE(E+) RTSRs Charged to the GBE(BPI) Rate Zone	2022	2023	2024
Network Service Rate	\$3.85	\$3.98	\$3.98
Both Line and Transformation Connection Service Rate	\$1.89	\$1.81	\$1.81
	<i>EB-2021-0018</i>	<i>EB-2022-0305</i>	<i>(placeholder)</i>

GBE(BPI) RTSRs Charged to the GBE(E+) Rate Zone	2022	2023	2024
Network Service Rate	\$3.16	\$3.25	\$3.25
Both Line and Transformation Connection Service Rate	\$1.87	\$1.88	\$1.88
	<i>EB-2021-0009</i>	<i>EB-2022-0017</i>	<i>(placeholder)</i>

Hydro One RTSRs Charged to the GBE(E+) Rate Zone	2022	2023	2024
Network Service Rate	\$4.3473	\$4.6545	\$4.6545
Line Connection Service Rate	\$0.6788	\$0.6056	\$0.6056
Transformation Connection Service Rate	\$2.3267	\$2.8924	\$2.8924
Both Line and Transformation Connection Service Rate	\$3.0055	\$3.4980	\$3.4980
	<i>EB-2021-0032</i>	<i>EB-2021-0110 (Nov 29, 2022)</i>	<i>(Placeholder)</i>

2

3

For the GBE(E+) Rate Zone, the billing determinants for the transformation connection rate for the GS > 50 to 999 kW, GS 1,000 to 4,999 kW and Large Use classes have been increased from the levels pre-populated in the model to include the gross load billing adjustments utilized and approved in all applications for the GBE(E+) Rate Zone since the 2019 Cost of Service.

7

GrandBridge Energy has continued to include the embedded distribution RTSR rates from each rate zone the RTSR rate calculations for 2024 to ensure that there is no negative impact to customers. This treatment is consistent with the proposal in GrandBridge Energy’s MAADs application² and the 2023 IRM Application³. Though the two utilities have merged, the application of Embedded Distributor charges will continue between the rate zones to allow consistent treatment during the deferred rebasing period compared to pre-merger and to avoid cross subsidization in the rate zones.

14

Table 6: Proposed RTSRs – GBE(BPI) Rate Zone summarizes the proposed RTSR rates for the GBE(BPI) Rate Zone, as calculated in the 2024 IRM Model.

15

² EB-2021-0280 – Application – Pg. 20
³ EB-2022-0017 - Manager’s Summary Section 4.3.4

1 **Table 6: Proposed RTSRs – GBE(BPI) Rate Zone**

GBE (BPI) Rate Zone - Rate Class	Unit	Network			Connection		
		Approved Jan 1, 2023	Proposed Jan 1, 2024	% Change	Approved Jan 1, 2023	Proposed Jan 1, 2024	% Change
Residential	\$/kWh	0.0107	0.0114	6.5 %	0.0063	0.0072	14.3 %
GS<50 kW	\$/kWh	0.0095	0.0101	6.3 %	0.0056	0.0064	14.3 %
GS>50 to 4,999 kW	\$/kW	3.2513	3.465	6.6 %	1.8887	2.1486	13.8 %
Embedded Distributor	\$/kW	3.2513	3.465	6.6 %	1.8887	2.1486	13.8 %
Sentinel Lighting	\$/kW	3.0359	3.2354	6.6 %	1.7640	2.0068	13.8 %
Street Lighting	\$/kW	3.1279	3.3335	6.6 %	1.7435	1.9834	13.8 %
Unmetered Scattered Load	\$/kWh	0.0057	0.0061	7.0 %	0.0056	0.0064	14.3 %

2
3 In the GBE(BPI) Rate Zone, the forecast allocation of Network and Connection costs resulted in
4 rates that are outside of the 4% threshold in the 2024 IRM Model. The 2024 proposed RTSR
5 Connection Rates were on average 14.0% higher than the 2023 Approved rates due to a
6 forecast allocation of \$6,346,860 which is 13.8% higher than the estimated billed amount of
7 \$5,581,208. The 2024 proposed RTSR Network Rates were on average 6.6% higher than the
8 2023 Approved rates due to a forecast allocation of \$10,169,526 which is 6.6% higher than the
9 estimated billed amount of \$9,542,416.

10 The higher forecast allocations for both the Connection and Network rate calculations are driven
11 by increases in UTR and sub-transmission rates, as well as decreases to the billing
12 determinants for the GBE(BPI) Rate Zone. Table 7: RTSR Billing Determinants - GBE(BPI)
13 Rate Zone summarizes the change in billing determinants by rate class.

14 **Table 7: RTSR Billing Determinants – GBE(BPI) Rate Zone**

GBE(BPI) Rate Zone	Unit	RTSR Billing Determinants			
		2023 IRM	2024 IRM	Difference	% Change
Residential	\$/kWh	323,544,339	322,251,861	(1,292,478)	(0.4)%
GS < 50kW	\$/kWh	89,725,799	100,077,435	10,351,636	11.5 %
GS > 50 to 4,999kW	\$/kW	1,713,922	1,504,114	(209,808)	(12.2)%
Embedded Distributor	\$/kW	104,833	61,775	(43,058)	(41.1)%
Sentinel Lighting	\$/kW	597	555	(42)	(7.0)%
Street Lighting	\$/kW	16,658	13,329	(3,329)	(20.0)%
Unmetered Scattered Load	\$/kWh	1,589,735	1,584,604	(5,131)	(0.3)%

15

1 Table 8: Proposed RTSRs – GBE(E+) Rate Zone summarizes the proposed RTSR rates for the
 2 GBE(E+) Rate Zone, as calculated in the 2024 IRM Model.

3 **Table 8: Proposed RTSRs – GBE(E+) Rate Zone**

GBE (E+) Rate Zone - Rate Class	Unit	Network			Connection		
		Approved Jan 1, 2023	Proposed Jan 1, 2024	% Change	Approved Jan 1, 2023	Proposed Jan 1, 2024	% Change
Residential	\$/kWh	0.0090	0.0090	—%	0.0050	0.0052	4.0%
GS<50 kW	\$/kWh	0.0081	0.0081	—%	0.0044	0.0046	4.5%
GS>50 to 999 kW	\$/kW	4.7381	4.7263	(0.2)%	2.5702	2.6750	4.1%
GS >50 to 999 kW - Interval Metered	\$/kW	4.7712	4.7593	(0.2)%	2.5962	2.7020	4.1%
GS>1,000 to 4,999 kW	\$/kW	3.4689	3.4603	(0.2)%	1.7835	1.8562	4.1%
Large use	\$/kW	3.5680	3.5591	(0.2)%	1.7994	1.8728	4.1%
Unmetered Scattered Load	\$/kWh	0.0078	0.0078	—%	0.0044	0.0046	4.5%
Street Lighting	\$/kW	2.5242	2.5179	(0.2)%	1.3755	1.4316	4.1%
Sentinel Lighting	\$/kW	2.7690	2.7621	(0.2)%	1.3301	1.3843	4.1%
Embedded Distributor - Hydro One CND	\$/kW	3.5680	3.5591	(0.2)%	2.2039	2.2938	4.1%
Embedded Distributor - Waterloo North Hydro	\$/kW	3.5680	3.5591	(0.2)%	2.2039	2.2938	4.1%
Embedded Distributor - Brantford	\$/kW	3.9850	3.9751	(0.2)%	1.8192	1.8934	4.1%
Embedded Distributor - Hydro One #1	\$/kW	3.9850	3.9751	(0.2)%	1.8191	1.8933	4.1%

4
 5 In the GBE(E+) Rate Zone, the forecast allocation of Connection costs resulted in rates that are
 6 outside of the 4% threshold in the 2024 IRM Model. The 2024 proposed RTSR Connection
 7 Rates were on average 4.1% higher than the 2023 Approved rates due to a forecast allocation
 8 of \$10,202,781 which is 4.1% higher than the estimated billed amount of \$9,803,103. The
 9 higher forecast allocations for the Connection rate calculations are driven by increases to UTR
 10 and sub-transmission transformation connection service rates.

11 **4.3.5 LOW VOLTAGE SERVICE RATES**

12 The Chapter 3 Requirements indicate that an embedded distributor may opt to update its Low
 13 Voltage service rate during the IRM term.

14 GrandBridge Energy is not applying for updates to Low Voltage Service Rates in this
 15 Application.

16 **4.3.6 REVIEW AND DISPOSITION OF GROUP 1 DEFERRAL AND VARIANCE**
 17 **ACCOUNT BALANCES**

18 GrandBridge Energy is requesting approval for the disposition of Group 1 Deferral and Variance
 19 Accounts in this Application for both the GBE(BPI) Rate Zone and GBE(E+) Rate Zone based
 20 on December 31, 2022 balances and forecasted interest to December 31, 2023.

1 GrandBridge Energy has populated the Deferral and Variance Account Continuity Schedules in
 2 Tab 3-Continuity Schedule of the 2024 IRM Models for each rate zone with the balances up to
 3 December 31, 2022, approved dispositions in 2023 and projected interest to the end of 2023.

4 **4.3.6.1 SUMMARY OF ACCOUNTS FOR DISPOSITION**

5 **4.3.6.1.1 GBE(BPI) RATE ZONE DISPOSITION**

6 GrandBridge Energy is requesting approval for final disposition of Group 1 DVAs accounts for
 7 the GBE(BPI) Rate Zone in the amount of \$2,795,221. GrandBridge Energy is requesting
 8 disposition through rate riders to be in effect for a 12-month period. The last disposition of
 9 Group 1 account balances occurred in the 2022 Cost of Service Application for the GBE(BPI)
 10 Rate Zone⁴ where final disposition of 2020 balances were approved. Table 9: DVA Account
 11 Balances – GBE(BPI) Rate Zone summarizes the balances eligible for disposition.

12 **Table 9: DVA Account Balances – GBE(BPI) Rate Zone**

Account Number	Account Descriptions	Principal Balance at Dec 31, 2022	Interest to Dec 31, 2022	Projected Interest to Dec 31, 2023	Total Eligible for Disposition
1551	Smart Metering Entity Charge Variance	\$ (139,731)	\$ (1,650)	\$ (6,871)	\$ (148,252)
1580	RSVA - Wholesale Market Service Charges	\$ 2,654,576	\$ 46,271	\$ 130,539	\$ 2,831,385
1580	Variance WMS - Sub-account CBR Class B	\$ (162,362)	\$ (6,167)	\$ (7,984)	\$ (176,513)
1584	RSVA- Retail Transmission Network Charges	\$ 2,145,543	\$ 40,079	\$ 105,507	\$ 2,291,130
1586	RSVA - Retail Transmission Connection Charges	\$ 533,809	\$ 10,008	\$ 26,250	\$ 570,067
1588	RSVA - Power	\$ (1,265,262)	\$ (75,284)	\$ (62,219)	\$ (1,402,765)
1589	RSVA - Global Adjustment	\$ (1,170,201)	\$ (50,755)	\$ (57,545)	\$ (1,278,501)
1595	Disposition and Recovery/Refund of Regulatory Balances (2019)	\$ 361,525	\$ (270,633)	\$ 17,778	\$ 108,670
Total Group 1 Balances Eligible for Disposition		\$ 2,957,897	\$ (308,131)	\$ 145,455	\$ 2,795,221
1568	LRAM Variance Account	\$ 92,241	\$ 6,875		\$ 99,116
Total DVA Balances Eligible for Disposition		\$ 3,050,138	\$ (301,256)	\$ 145,455	\$ 2,894,337

13
 14 Table 10: Proposed Deferral and Variance Account Rate Riders - GBE(BPI) Rate Zone
 15 summarizes the proposed Deferral and Variance Account Rate Riders by rate class.

16 **Table 10: Proposed Deferral and Variance Account Rate Riders - GBE(BPI) Rate Zone**

GBE (BPI) Rate Zone - Rate Class	Total D&V Account Rate Riders	Total D&V Account Rate Riders Non-WMP	CRB Class B Rate Riders	GA Rate Riders	LRAMVA Rate Riders
Unit	per kW / kWh	per kW / kWh	per kW / kWh	per kWh	per kWh / kW
Residential	\$ 0.0039	\$ —	\$ (0.0002)	\$ (0.0038)	\$ —
GS < 50kW	\$ 0.0042	\$ —	\$ (0.0002)	\$ (0.0038)	\$ 0.0013
GS > 50 kW	\$ 1.1336	\$ 0.5553	\$ (0.0865)	\$ (0.0038)	\$ (0.0212)
Embedded Distributor	\$ 1.1333	\$ —	\$ —	\$ —	\$ —
Sentinel Lighting	\$ 1.4400	\$ —	\$ (0.0775)	\$ (0.0038)	\$ —
Street Lighting	\$ 1.5492	\$ —	\$ (0.0791)	\$ (0.0038)	\$ —
Unmetered Scattered Load	\$ 0.0043	\$ —	\$ (0.0002)	\$ —	\$ —

17
⁴ EB-2021-0009

1 GrandBridge Energy confirms that it had Class A customers in the GBE(BPI) Rate Zone as of
2 December 31, 2022. GBE has completed Tab 6 Class A Consumption Data in the 2024 IRM
3 Model for the GBE(BPI) Rate Zone and the resulting rate riders proposed in this application
4 were calculated in Tab 6.1a GA Allocation.

5 GBE has also followed the methodology in the 2024 IRM Model to determine the rate rider for
6 Disposition of Variance – WMS Sub Account CBR Class B.

7 Monthly fixed rate riders have been calculated in the model for customers who transitioned
8 between Class A and Class B during 2022 for their portion of the GA and WMS Sub Account
9 CBR Class B variances.

10 The Deferral and Variance Account Continuity Schedule for the GBE(BPI) Rate Zone from the
11 2024 IRM Model is included in Attachment A-1.

12 **4.3.6.1.2 GBE(E+) RATE ZONE DISPOSITION**

13 GrandBridge Energy is requesting approval for final disposition of Group 1 DVAs accounts for
14 the GBE(E+) Rate Zone in the amount of \$4,120,611. GrandBridge Energy is requesting
15 disposition through rate riders to be in effect for a 12-month period. The last disposition of
16 Group 1 account balances occurred in the 2023 IRM Applications for the GBE(E+) Rate Zone⁵
17 where final disposition of 2021 balances were approved. Table 11: DVA Account Balances –
18 GBE(E+) Rate Zone summarizes the balances eligible for disposition.

19 **Table 11: DVA Account Balances – GBE(E+) Rate Zone**

Account Number	Account Descriptions	Principal Balance at Dec 31, 2022	Interest to Dec 31, 2022	Projected Interest to Dec 31, 2023	Total Eligible for Disposition
1550	LV Variance Account	\$ 88,471	\$ (366)	\$ 4,351	\$ 92,456
1551	Smart Metering Entity Charge Variance	\$ (190,207)	\$ (2,094)	\$ (9,353)	\$ (201,655)
1580	RSVA - Wholesale Market Service Charges	\$ 3,716,265	\$ 58,932	\$ 182,747	\$ 3,957,944
1580	Variance WMS - Sub-account CBR Class B	\$ (91,488)	\$ (4,160)	\$ (4,499)	\$ (100,147)
1584	RSVA- Retail Transmission Network Charges	\$ 706,177	\$ 16,849	\$ 34,726	\$ 757,752
1586	RSVA - Retail Transmission Connection Charges	\$ (224,790)	\$ (4,817)	\$ (11,054)	\$ (240,661)
1588	RSVA - Power	\$ (53,952)	\$ (1,143)	\$ (2,653)	\$ (57,748)
1589	RSVA - Global Adjustment	\$ (262,546)	\$ (19,416)	\$ (12,911)	\$ (294,872)
1595	Disposition and Recovery/Refund of Regulatory Balances (2019)	\$ 160,224	\$ 39,439	\$ 7,879	\$ 207,542
Total Group 1 Balance Eligible for Disposition		\$ 3,848,154	\$ 83,224	\$ 189,233	\$ 4,120,611
1568	LRAM Variance Account	\$ (107,181)	\$ (9,829)	\$ —	\$ (117,010)
Total DVA Balances Eligible for Disposition		\$ 3,740,973	\$ 73,395	\$ 189,233	\$ 4,003,601

20

⁵ EB-2022-0305 and EB-2022-0017

1 Table 12: Proposed Deferral and Variance Account Rate Riders - GBE(E+) Rate Zone
 2 summarizes the proposed Deferral and Variance Account Rate Riders by rate class. The table
 3 includes the Rate Rider for Recovery of the Advanced Capital Module (“ACM”) that was
 4 approved in the 2022 IRM Application for the GBE(E+) Rate Zone, and the Rate Rider for
 5 Recovery of Incremental Capital (“ICM”) that was approved in the 2020 IRM Application for the
 6 GBE(E+) Rate Zone. Both the ACM and ICM rate riders are in effect until the effective date of
 7 the next cost of service based rate order.

8 **Table 12: Proposed Deferral and Variance Account Rate Riders - GBE(E+) Rate Zone**

GBE (E+) Rate Zone - Rate Class	Total D&V Account Rate Riders	Total D&V Account Rate Riders Non-WMP	CRB Class B Rate Riders	GA Rate Riders	LRAMVA Rate Riders	Rate Rider for Recovery of Advanced Capital Module	Rate Rider for Recovery of Incremental Capital
Unit	per kW / kWh	per kW / kWh	per kW / kWh	per kWh	per kWh / kW	per Cust. / Connection	per Cust. / Connection
Residential	\$ 0.0024	\$ —	\$ (0.0001)	\$ (0.0005)	\$ —	\$ 0.56	\$ 0.29
GS<50 kW	\$ 0.0027	\$ —	\$ (0.0001)	\$ (0.0005)	\$ 0.0035	\$ 1.12	\$ 0.58
GS>50 to 999 kW	\$ 0.1468	\$ 0.7410	\$ (0.0246)	\$ (0.0005)	\$ 0.0133	\$ 14.23	\$ 7.62
GS>1,000 to 4,999 kW	\$ 0.1942	\$ 0.9546	\$ (0.0291)	\$ (0.0005)	\$ (0.4773)	\$ 163.21	\$ 78.10
Large use	\$ 1.2439	\$ —	\$ —	\$ —	\$ (0.0096)	\$ 677.63	\$ 333.81
Unmetered Scattered Load	\$ 0.0028	\$ —	\$ (0.0001)	\$ (0.0005)	\$ —	\$ 0.21	\$ 0.12
Street Lighting	\$ 1.0016	\$ —	\$ (0.0275)	\$ (0.0005)	\$ (36.7620)	\$ 0.06	\$ 0.03
Sentinel Lighting	\$ 0.1185	\$ —	\$ (0.0044)	\$ —	\$ —	\$ 0.21	\$ 0.11
Embedded Distributor - Hydro One CND	\$ 1.3218	\$ —	\$ (0.0364)	\$ (0.0005)	\$ —	\$ 63.10	\$ 50.85
Embedded Distributor - Waterloo North Hydro	\$ 0.2428	\$ —	\$ —	\$ —	\$ —	\$ 63.10	\$ 50.85
Embedded Distributor - Brantford	\$ 0.8528	\$ —	\$ (0.0235)	\$ (0.0005)	\$ —	\$ 63.10	\$ 50.85
Embedded Distributor - Hydro One #1	\$ 1.3484	\$ —	\$ (0.0371)	\$ (0.0005)	\$ —	\$ 63.10	\$ 50.85
Embedded Distributor - Hydro One #2	\$ 1.1337	\$ —	\$ (0.0312)	\$ (0.0005)	\$ —	\$ 63.10	\$ 50.85

9
 10 GrandBridge Energy confirms that it had Class A customers in the GBE(E+) Rate Zone as of
 11 December 31, 2022. GBE has completed Tab 6 Class A Consumption Data in the 2024 IRM
 12 Model for the GBE(E+) Rate Zone and the resulting rate riders proposed in this application were
 13 calculated in Tab 6.1a GA Allocation.

14 GBE has also followed the methodology in the 2024 IRM Model to determine the rate rider for
 15 Disposition of Variance – WMS Sub Account CBR Class B.

16 Monthly fixed rate riders have been calculated in the model for customers who transitioned
 17 between Class A and Class B during 2022 for their portion of the GA and WMS Sub Account
 18 CBR Class B variances.

19 The Deferral and Variance Account Continuity Schedule for the GBE(E+) Rate Zone from the
 20 2024 IRM Model is included in Attachment A-2.

1 **4.3.6.2 THRESHOLD TEST**

2 The OEB’s Report of the Board on Electricity Distributors’ Deferral and Variance Account
 3 Review Report (EDDVAR) establishes a threshold for the disposition of Group 1 accounts, to be
 4 calculated based on the total of the Group 1 balances, divided by the total kWh of billing
 5 determinants.

6 The level of the threshold was set at an absolute value of \$0.001 per kWh. If the threshold is
 7 exceeded, a distributor must explain why the balances in Group 1 should not be disposed.
 8 GrandBridge Energy has completed Tab 3. Continuity Schedule in the 2024 IRM Models. GBE
 9 has exceeded the threshold for disposition in both rate zones. The resultant threshold
 10 calculations from Tab 4 Billing Det. for Def-Var are presented in Table 13: Threshold Test –
 11 GBE(BPI) Rate Zone and Table 14: Threshold Test – GBE(E+) Rate Zone.

12 **Table 13: Threshold Test – GBE(BPI) Rate Zone**

Item	Value
Total Claim (including Account 1568)	\$2,894,338
Total Claim for Threshold Test (All Group 1 Accounts)	\$2,795,222
Threshold Test (Total claim per kWh)	\$0.0027

14 **Table 14: Threshold Test – GBE(E+) Rate Zone**

Item	Value
Total Claim (including Account 1568)	\$3,830,338
Total Claim for Threshold Test (All Group 1 Accounts)	\$3,947,348
Threshold Test (Total claim per kWh)	\$0.0022

16 **4.3.6.3 COMMODITY ACCOUNTS 1588 AND 1589**

17 On February 21, 2019, the OEB issued its letter entitled “Accounting Guidance related to
 18 Accounts 1588 Power, and 1589 RSVAs Global Adjustment” as well as the related accounting
 19 guidance. The accounting guidance was to be implemented by August 31, 2019. GrandBridge
 20 Energy’s predecessors both reviewed their RPP Settlement processes and identified process
 21 changes required for compliance with the new guidance that were put in effect as of August 31,
 22 2019.

23 The accounting guidance provided a construct for GrandBridge Energy’s predecessors that
 24 enabled greater transparency in the estimation and accounting processes and highlighted areas
 25 for improvement. Since implementing the new accounting guidance, GrandBridge Energy has

1 continued to refine processes to improve the accuracy of estimates and implement additional
2 controls for validation as part of the monthly processes. These process changes were designed
3 to identify issues in a more timely fashion and to focus on continual improvement. As part of
4 merger integration, GrandBridge Energy has evaluated the legacy processes for Commodity
5 Accounts and has adopted new harmonized process that incorporates and builds on the
6 strengths of both legacy utilities.

7 GrandBridge Energy does not use the actual Global Adjustment price to bill any customers, and
8 therefore has made no proposal to exclude any non-RPP customers from being charged the
9 Global Adjustment Rate Rider for this reason (except for Wholesale Market Participant (“WMP”)
10 customers, Class A customers and former Class A customers).

11 **4.3.6.4 GLOBAL ADJUSTMENT ANALYSIS WORKFORM**

12 The Chapter 3 Requirements indicate that all distributors are required to complete and submit
13 the GA Workform for each year that has not previously been approved by the OEB for
14 disposition. If a distributor is adjusting an Account 1589 balance that was previously approved
15 on an interim basis, the GA Workform is required to be completed from the year after the
16 distributor last received final disposition.

17 The purpose of the GA Workform is to compare the balance in Account 1589 to the expected
18 balance based on Global Adjustment rates and consumption statistics. Discrepancies between
19 the actual and expected balance are to be explained and quantified, and any remaining,
20 unexplained discrepancy will be assessed for materiality. The GA Workform also includes a
21 reasonability test for Account 1588. The OEB has set a threshold of +/-1% as the materiality
22 threshold.

23 GrandBridge Energy last received approval for final disposition of Account 1588 and Account
24 1589 on its 2021 balances in the GBE(E+) Rate Zone and on 2020 balances in the GBE(BPI)
25 Rate Zone. The GA Workform has been prepared for 2022 in the GBE(E+) Rate Zone and for
26 2021 and 2022 in the GBE(BPI) Rate Zone. The variances calculated in the GA Analysis
27 Workforms for both rate zones are within the materiality threshold.

28

1 **4.3.6.5. GLOBAL ADJUSTMENT DISPOSITION**

2 GBE has completed Tab 6. Class A Consumption Data in the 2024 IRM Models. In the GBE(E+)
 3 Rate Zone there were 6 customers who transitioned in or out of the ICI program in 2022. In the
 4 GBE(BPI) Rate zone there were 6 customers who transitioned in or out of the ICI program in
 5 2021 and 2022. Tab 6. has been populated with details related to the transition customers
 6 including their rate class and their consumption and demand while in Class A and in Class B as
 7 well as the consumption and demand by class for all customers enrolled in ICI for all the
 8 relevant years.

9 Tab 6.1a GA Allocation then allocates the GA Balance to transition customers based on
 10 consumption while in Class B. Table 15 and Table 16 present the allocation of the GA balances
 11 to the Class A/B transition customers and the resulting customer-specific equal monthly rate
 12 rider for each of those customers for the GBE(E+) Rate Zone and GBE(BPI) Rate Zones .

13 **Table 15: Allocation of GA Variance to ICI Transition Customers for GBE(BPI) Rate Zone**

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B transition Customers

		Total	2022	2021
Non-RPP Consumption Less WMP Consumption	A	1,125,594,088	577,995,211	547,598,877
Less Class A Consumption for Partial Year Class A Customers	B	15,212,447	5,883,586	9,328,861
Less Consumption for Full Year Class A Customers	C	456,087,155	238,034,507	218,052,648
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	654,294,486	334,077,118	320,217,368
All Class B Consumption for Transition Customers	E	13,466,327	5,141,297	8,325,030
Transition Customers' Portion of Total Consumption	F = E/D	2.06%		

Allocation of Total GA Balance \$

Total GA Balance	G	\$ (1,278,501.00)
Transition Customers Portion of GA Balance	H=F*G	\$ (26,313.00)
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ (1,252,187.00)

14

Allocation of GA Balances to Class A/B Transition Customers

Customer	# of Class A/B Transition Customers	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2022	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2021	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
	6						
Customer 1		1,754,922	0	1,754,922	13.03 %	\$ (3,429.09)	\$ (285.76)
Customer 2		1,431,758	0	1,431,758	10.63 %	\$ (2,797.63)	\$ (233.14)
Customer 3		1,780,142	930,187	849,955	13.22 %	\$ (3,478.37)	\$ (289.86)
Customer 4		192,539	0	192,539	1.43 %	\$ (376.22)	\$ (31.35)
Customer 5		4,095,856	0	4,095,856	30.42 %	\$ (8,003.24)	\$ (666.94)
Customer 6		4,211,110	4,211,110	0	31.27 %	\$ (8,228.45)	\$ (685.70)
Total		13,466,327	5,141,297	8,325,030	100.00 %	\$ (26,313.00)	

15

1 **Table 16: Allocation of GA Variance to ICI Transition Customers - GBE(E+) Rate Zone**

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B transition Customers

		Total	2021
Non-RPP Consumption Less WMP Consumption	A	908,113,485	908,113,485
Less Class A Consumption for Partial Year Class A Customers	B	16,496,407	16,496,407
Less Consumption for Full Year Class A Customers	C	351,905,323	351,905,323
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	539,711,755	539,711,755
All Class B Consumption for Transition Customers	E	16,399,951	16,399,951
Transition Customers' Portion of Total Consumption	F = E/D	3.04%	

Allocation of Total GA Balance \$

Total GA Balance	G	\$ (294,872.00)
Transition Customers Portion of GA Balance	H=F*G	\$ (8,960.00)
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ (285,912.00)

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	6				
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2022	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1	1,610,419	1,610,419	9.82 %	\$ (879.84)	\$ (73.32)
Customer 2	992,451	992,451	6.05 %	\$ (542.22)	\$ (45.18)
Customer 3	8,669,181	8,669,181	52.86 %	\$ (4,736.35)	\$ (394.70)
Customer 4	2,358,211	2,358,211	14.38 %	\$ (1,288.39)	\$ (107.37)
Customer 5	653,072	653,072	3.98 %	\$ (356.80)	\$ (29.73)
Customer 6	2,116,616	2,116,616	12.91 %	\$ (1,156.40)	\$ (96.37)
Total	16,399,950	16,399,950	100.00 %	\$ (8,960.00)	

2
3
4 Global Adjustment Rate Riders for Class B, non-transitioning customers have been calculated in
 5 Tab 6.1 GA of the 2024 IRM Models. The balances of Account 1589-RSVA Global Adjustment
 6 after allocation to transition customers is designed to be recovered from Class B, non-RPP, non-
 7 WMP customers based on kWh for each class (consistent with the treatment described in
 8 Section 3.2.5.2 of the Chapter 3 Requirements). Table 17 and Table 18 summarize the amount
 9 allocated to non-transition Class B customers for the GBE(BPI) Rate Zone and GBE(E+) Rate
 10 Zone and the calculation of the GA rate riders.

11

1 **Table 17: Class B GA Rate Rider Calculation by Rate Class - GBE(BPI) Rate Zone**

GBE(BPI) Rate Zone - Rate Class	Unit	Non-RPP Metered 2022 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
Residential	\$/kWh	5,188,946	1.6 %	\$(19,753)	\$(0.0038)
GS < 50kW	\$/kWh	15,113,809	4.6 %	\$(57,535)	\$(0.0038)
GS > 50 kW	\$/kWh	304,146,226	92.5 %	\$(1,157,819)	\$(0.0038)
Embedded Distributor	\$/kWh	0	— %	\$—	\$—
Sentinel Lighting	\$/kWh	5,726	— %	\$(22)	\$(0.0038)
Street Lighting	\$/kWh	4,481,112	1.4 %	\$(17,059)	\$(0.0038)
Unmetered Scattered Load	\$/kWh	0	— %	\$—	\$—
Total		328,935,819	100 %	\$(1,252,188)	

2
 3 **Table 18: Class B GA Rate Rider Calculation by Rate Class for GBE(E+) Rate Zone**

GBE(E+) Rate Zone - Rate Class	Unit	Non-RPP Metered 2022 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
Residential	\$/kWh	5,945,631	1.1 %	\$(3,248)	\$(0.0005)
GS<50kW	\$/kWh	25,603,212	4.9 %	\$(13,988)	\$(0.0005)
GS>50 to 999 kW	\$/kWh	343,761,400	65.7 %	\$(187,815)	\$(0.0005)
GS>1,000 to 4,999 kW	\$/kWh	53,080,247	10.1 %	\$(29,000)	\$(0.0005)
Large Use	\$/kWh	0	— %	\$—	\$—
Unmetered Scattered Load	\$/kWh	209,748	— %	\$(115)	\$(0.0005)
Street Lighting	\$/kWh	5,473,412	1.0 %	\$(2,990)	\$(0.0005)
Sentinel Lighting	\$/kWh	0	— %	\$—	\$—
Emb Distributor - Hydro One CND	\$/kWh	13,682,587	2.6 %	\$(7,476)	\$(0.0005)
Emb Distributor - Waterloo North	\$/kWh	0	— %	\$—	\$—
Emb Distributor - Brantford	\$/kWh	403,149	0.1 %	\$(220)	\$(0.0005)
Emb Distributor - Hydro One #1	\$/kWh	10,415,104	2.0 %	\$(5,690)	\$(0.0005)
Emb Distributor - Hydro One #2	\$/kWh	64,737,315	12.4 %	\$(35,369)	\$(0.0005)
Total		523,311,805	100 %	\$(285,911)	

4
 5 **4.3.6.6. CAPACITY BASED RECOVERY (CBR) DISPOSITION**

6 Similar to the Global Adjustment, CBR is charged to Class B customers on the basis of their
 7 consumption, and GrandBridge Energy settles CBR on a different basis with Class A customers.
 8 The variances associated with Class A and Class B customers for CBR are tracked in separate
 9 RSVAs in sub accounts.

10 The balance of the Class A sub accounts for both rate zones is \$0, consistent with the
 11 expectations in the OEB's CBR Accounting Guidance. Within each rate zone, the Class B
 12 variances have been allocated based on non-WMP consumption in each class, adjusted for
 13 transitioning Class A/B customers during 2022.

1 Tab 6.2a CBR Allocation allocates the balance in Account 1580 - RSVA Wholesale Market
2 Service Charge balance to transition customers based on consumption while in Class B. Table
3 19 and Table 20 present the allocation of the CBR balances to the Class A/B transition
4 customers and the resulting customer-specific equal monthly rate rider for those customers for
5 the GBE(BPI) Rate Zone GBE(E+) Rate Zone.

6 **Table 19: Allocation of CBR Class B Variance to Transition Customers - GBE(BPI) RZ**

Allocation of total Consumption (kWh) between Current Class B and Class A/B transition Customers

		Total	2022	2021
Total Consumption Less WMP Consumption	A	1,948,885,121	992,403,383	956,481,738
Less Class A Consumption for Partial Year Class A Customers	B	15,212,447	5,883,586	9,328,861
Less Consumption for Full Year Class A Customers	C	456,087,155	238,034,507	218,052,648
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,477,585,519	748,485,290	729,100,229
All Class B Consumption for Transition Customers	E	13,466,327	5,141,297	8,325,030
Transition Customers' Portion of Total Consumption	F = E/D	0.91%		

Allocation of Total GA Balance \$

Total CBR Class B Balance	G	\$ (176,513)
Transition Customers Portion of CBR Class B Balance	H=F*G	\$ (1,609)
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ (174,904)

7

Allocation of CRB Class B Balances to Transition Customers

# of Class A/B Transition Customers	6					
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2022	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2021	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments
Customer 1	1,754,922	0	1,754,922	13.0 %	\$ (210)	\$ (17.47)
Customer 2	1,431,758	0	1,431,758	10.6 %	\$ (171)	\$ (14.25)
Customer 3	1,780,142	930,187	849,955	13.2 %	\$ (213)	\$ (17.72)
Customer 4	192,539	0	192,539	1.4 %	\$ (23)	\$ (1.92)
Customer 5	4,095,856	0	4,095,856	30.4 %	\$ (489)	\$ (40.77)
Customer 6	4,211,110	4,211,110	0	31.3 %	\$ (503)	\$ (41.92)
Total	13,466,327	5,141,297	8,325,030	100 %	\$ (1,609)	\$ (134.06)

8

1 **Table 20: Allocation of CBR Class B Variance to Transition Customers - GBE(E+) RZ**

Allocation of total Consumption (kWh) between Current Class B and Class A/B transition Customers

		Total	2022
Total Consumption Less WMP Consumption	A	1,669,330,372	1,669,330,372
Less Class A Consumption for Partial Year Class A Customers	B	16,496,407	16,496,407
Less Consumption for Full Year Class A Customers	C	351,905,323	351,905,323
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,300,928,642	1,300,928,642
All Class B Consumption for Transition Customers	E	16,399,951	16,399,951
Transition Customers' Portion of Total Consumption	F = E/D	1.26%	

Allocation of Total GA Balance \$

Total CBR Class B Balance	G	\$ (100,147)
Transition Customers Portion of CRB Class B Balance	H=F*G	\$ (1,262)
CRB Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ (98,885)

Allocation of CRB Class B Balances to Transition Customers

# of Class A/B Transition Customers	6				
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2022	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments
Customer 1	1,610,419	1,610,419	9.82 %	\$ (124)	\$ (10.00)
Customer 2	992,451	992,451	6.05 %	\$ (76)	\$ (6.00)
Customer 3	8,669,181	8,669,181	52.86 %	\$ (667)	\$ (56.00)
Customer 4	2,358,211	2,358,211	14.38 %	\$ (182)	\$ (15.00)
Customer 5	653,072	653,072	3.98 %	\$ (50)	\$ (4.00)
Customer 6	2,116,616	2,116,616	12.91 %	\$ (163)	\$ (14.00)
Total	16,399,951	16,399,951	100.00 %	\$ (1,262)	\$ (105.00)

3
 4 CBR Rate Riders for Class B, non-transitioning customers have been calculated in Tab 6.2 CBR
 5 of the 2024 IRM Model. The balance of Account 1580 - RSVA Wholesale Market Service Charge
 6 after allocation to transition customers is designed to be recovered from non-RPP, non-WMP
 7 customers for each class. Table 21 and Table 22 summarize the amount allocated to non-
 8 transition Class B customers and the calculation of the CBR rate riders for the GBE(BPI) Rate
 9 Zone and GBE(E+) Rate Zone.

1 **Table 21: Class B CBR Rate Rider Calculation by Rate Class - GBE(BPI) Rate Zone**

GBE(BPI) Rate Zone - Rate Class	Unit	Non-RPP Metered 2022 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CRB Class B Rate Rider
		kWh	kW			
Residential	\$/kWh	313,169,933	—	42.1 %	\$ (73,687)	\$ (0.0002)
GS < 50kW	\$/kWh	97,256,983	3,938	13.1 %	\$ (22,884)	\$ (0.0002)
GS > 50 kW	\$/kW	326,712,423	888,971	44.0 %	\$ (76,873)	\$ (0.0865)
Embedded Distributor	\$/kW	—	—	— %	\$ —	\$ —
Sentinel Lighting	\$/kW	183,596	555	— %	\$ (43)	\$ (0.0775)
Street Lighting	\$/kWh	4,481,112	13,329	0.6 %	\$ (1,054)	\$ (0.0791)
Unmetered Scattered Load	\$/kW	1,539,946	—	0.2 %	\$ (362)	\$ (0.0002)
Total		743,343,993	906,794	100 %	\$ (174,903)	

2
 3 **Table 22: Class B CBR Rate Rider Calculation by Rate Class - GBE(E+) Rate Zone**

GBE(E+) Rate Zone - Rate Class	Unit	Non-RPP Metered 2022 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CRB Class B Rate Rider
		kWh	kW			
Residential	\$/kWh	524,547,549	—	40.8 %	\$ (40,380)	\$ (0.0001)
GS<50kW	\$/kWh	213,728,225	3,999	16.6 %	\$ (16,453)	\$ (0.0001)
GS>50 to 999 kW	\$/kW	395,824,235	1,238,217	30.8 %	\$ (30,471)	\$ (0.0246)
GS>1,000 to 4,999 kW	\$/kW	53,080,247	140,618	4.1 %	\$ (4,086)	\$ (0.0291)
Large Use	\$/kW	—	—	— %	\$ —	\$ —
Unmetered Scattered Load	\$/kWh	2,171,219	—	0.2 %	\$ (167)	\$ (0.0001)
Street Lighting	\$/kW	5,929,406	16,554	0.5 %	\$ (456)	\$ (0.0275)
Sentinel Lighting	\$/kW	9,657	228	— %	\$ (1)	\$ (0.0044)
Emb Distributor - Hydro One CND	\$/kW	13,682,587	28,946	1.1 %	\$ (1,053)	\$ (0.0364)
Emb Distributor - Waterloo North	\$/kW	—	—	— %	\$ —	\$ —
Emb Distributor - Brantford	\$/kW	403,149	1,322	— %	\$ (31)	\$ (0.0235)
Emb Distributor - Hydro One #1	\$/kW	10,415,104	21,599	0.8 %	\$ (802)	\$ (0.0371)
Emb Distributor - Hydro One #2	\$/kW	64,737,315	159,678	5.0 %	\$ (4,984)	\$ (0.0312)
Total		1,284,528,693	1,611,161	100 %	\$ (98,884)	

4
 5

1 **4.3.6.7 ADJUSTMENTS TO DEFERRAL AND VARIANCE ACCOUNTS**

2 Section 3.2.6 of the Chapter 3 Requirements states that the OEB expects that no adjustments
3 will be made to deferral and variance account balances which have been previously approved
4 by the OEB on a final basis. If any adjustments have been made, the distributor must provide
5 explanations for the nature and the amount of the adjustment and include appropriate
6 supporting documentation.

7 GrandBridge Energy identified a reconciling item in Account 1588 in the GBE(BPI) Rate Zone
8 related to an estimation error when determining unbilled revenue that has been treated as a
9 principal adjustment to 2020 and 2021 balances. The supporting explanation and
10 documentation are provided in Section 4.3.6.7.2.

11 **4.3.6.7.1 GBE(BPI) RATE ZONE ADJUSTMENTS**

12 Table 23 – Principal Adjustments – GBE(BPI) Rate Zone summarizes the Principal Adjustments
13 recorded in the 2024 IRM Model for the GBE(BPI) Rate Zone.

14 **Table 23 – Principal Adjustments – GBE(BPI) Rate Zone**

Account	Description	Principal Adjustments				RRR Reconciling Items	Adjustment Descriptions
		2020	2021	2022	Total		
1580	RSVA -Wholesale Market Service Charge	\$ —	\$ 500,559	\$ —	\$ 500,559	\$ —	Reversal of reclassification between main account and Class B sub-account
1580	Sub-account CBR Class B	\$ —	\$ (500,559)	\$ —	\$ (500,559)	\$ —	Reversal of reclassification between main account and Class B sub-account
1580 Total		\$ —	\$ —	\$ —	\$ —	\$ —	
1588	RSVA - Power	\$ —	\$ (32,131)	\$ —	\$ (32,131)	\$ —	Reversal of 2019 RPP/non-RPP recorded in 2021
1588	RSVA - Power	\$ (885,645)	\$ 885,645	\$ —	\$ —	\$ —	2020 current year unbilled differences
1588	RSVA - Power	\$ —	\$ —	\$ 168,495	\$ 168,495	\$ 168,495	2022 current year unbilled differences
1588	RSVA - Power	\$ —	\$ —	\$ 279,800	\$ 279,800	\$ 279,800	2022 RPP/Non-RPP true-up
1588 Total		\$ (885,645)	\$ 853,514	\$ 448,295	\$ 416,164	\$ 448,295	
1589	RSVA - Global Adjustment	\$ —	\$ (141,661)	\$ 141,661	\$ —	\$ —	2021 current year unbilled differences
1589	RSVA - Global Adjustment	\$ —	\$ —	\$ (134,691)	\$ (134,691)	\$ (134,691)	2022 current year unbilled differences
1589	RSVA - Global Adjustment	\$ —	\$ —	\$ (279,800)	\$ (279,800)	\$ (279,800)	2022 RPP/Non-RPP true-up
1589 Total		\$ —	\$ (141,661)	\$ (272,830)	\$ (414,491)	\$ (414,491)	
1568	LRAM Variance Account	\$ —	\$ —	\$ 99,116	\$ 99,116	\$ 99,116	Recognition of LRAMVA balance from workflow
1568 Total		\$ —	\$ —	\$ 99,116	\$ 99,116	\$ 99,116	

15 **Account 1580 - RSVA Wholesale Market Service Charge:**

17 The 2021 offsetting principal adjustments of \$500,559 within the Account 1580 sub accounts
18 were identified in the 2022 Cost of Service Application (“2022 COS”) for the GBE(BPI) Rate

1 Zone⁶ and detailed in the interrogatory response to 1-Staff-109. The adjustments were
2 recognized as principal adjustments to the 2018 and 2019 balances and were included in the
3 balances disposed in that Application. The principal adjustments to the 2021 balances
4 represent the reversal of the 2018 and 2019 adjustments as the entries were recorded in the
5 General Ledger in 2021.

6 **Account 1588 - RSVA Power:**

7 The 2022 principal adjustment of \$168,495 in Account 1588 represents the addition of current
8 year unbilled differences. This amount will be reversed in the DVA Continuity Schedule for 2023
9 balances.

10 The 2022 principal adjustment of \$279,800 in Account 1588 represents the RPP/Non-RPP split
11 true-up of Charge Type 148. This amount will be reversed in the DVA Continuity Schedule for
12 2023 balances.

13 The 2021 principal adjustment of \$(32,131) in Account 1588 represents the reversal of an
14 adjustment related to the 2019 RPP/Non-RPP true up for the GBE(BPI) Rate Zone, which was
15 recorded in the 2019 Principal Adjustments approved in the 2022 COS.

16 The 2020 and 2021 offsetting principal adjustments of \$885,645 in Account 1588 are due to an
17 estimation error that occurred prior to the merger, under the former Brantford Power Inc. legal
18 entity, when estimating unbilled revenue for Cost of Power at December 31, 2020. As noted in
19 the 2023 IRM Application⁷, the 2020 year-end unbilled revenue entry was understated, resulting
20 in \$885,645 in additional revenue to be recorded in 2021. This adjustment does not impact the
21 claimed amount for Account 1588 within this application as it is a reclassification within the same
22 account between 2020 and 2021.

23 The error in estimation resulted from changes in RPP electricity pricing at January 1, 2021. At
24 that time, all RPP TOU and Tiered rates were frozen at the off-peak price of 8.5 cents per kWh
25 from January 1, 2021 to February 22, 2021. This “all-day off-peak TOU” represented an
26 unscheduled RPP Pricing change, as RPP pricing changes were typically expected on
27 November 1 and May 1 in prior years.

⁶ EB-2021-0009

⁷ EB-2022-0017 - Manager's Summary Section 4.3.5.4

1 The former Brantford Power unbilled process leveraged reports from the billing system at the
2 rate code level to identify meter read dates, consumption amounts and billing rates. For
3 December 31, 2020, the consumption from the billing report was prorated based on the meter
4 read dates to determine the amount unbilled for the month.

5 New rate codes were established in the billing system to accommodate the RPP pricing change.
6 Upon review of the 1588 balances, it was discovered that the new rate codes only contained
7 consumption from January 1, 2021 onward during when rates were frozen, despite showing
8 meter read periods beginning in 2020. The existing rate codes that were used as part of the
9 standard RPP billing process only contained the consumption prior to the January 1, 2020 rate
10 change, despite meter read periods ending in 2021. These rate codes were not adjusted for in
11 the preparation of the unbilled entries. The proration was applied to all of the rate codes when
12 determining the December 31, 2020 entry and the net result was lower revenue allocated to
13 December 2020. The issue was isolated to RPP energy sales and did not have an impact on
14 Global Adjustment balances.

15 For clarity, the timing of the application of the “all-day off-peak TOU” to customers’ bills was
16 correct, only the assumptions in the unbilled process regarding the proration of the revenues
17 from the impacted bill codes required adjustment.

18 The estimation error was an isolated incident associated with the use of a new rate code over
19 the year-end (as opposed to a pricing change in an existing rate code) and processes have
20 been put in place to improve communication and validations going forward.

21 **Account 1589 – RSVA Global Adjustment:**

22 The 2022 principal adjustment of \$(279,800) in Account 1589 represents the RPP/Non-RPP split
23 true-up of Charge Type 148. This amount will be reversed in the DVA Continuity Schedule for
24 2023 balances.

25 The 2021 principal adjustment of \$(141,661) in Account 1589 represents the addition of current
26 year unbilled differences. This amount is reversed in the DVA Continuity Schedule for 2022
27 balances.

28 The 2021 principal adjustment of \$(134,691) in Account 1589 represents the addition of current
29 year unbilled differences. This amount will be reversed in the DVA Continuity Schedule for 2023
30 balances.

1 **Account 1568 – LRAM Variance Account:**

2 The principal adjustment of \$99,116 in Account 1568 represents the recognition of LRAMVA
 3 balance from the LRAMVA workform related to 2020 and 2021 CDM programs.

4 **4.3.6.7.2 GBE(E+) RATE ZONE ADJUSTMENTS**

5 Table 24 – Principal Adjustments – GBE(E+) Rate Zone summarizes the principal adjustments
 6 recorded in the 2023 IRM Model for the GBE(E+) Rate Zone.

7 **Table 24 – Principal Adjustments – GBE(E+) Rate Zone**

Account	Description	2022 Principal Adjustments	RRR Reconciling Items	Adjustment Descriptions
1580	RSVA -Wholesale Market Service Charge	\$ (49,008)	\$ (49,008)	Balance adjustment related to EB-2022-0305 Decision & Order
1580 Total		\$ (49,008)	\$ (49,008)	
1588	RSVA - Power	\$ (105,556)	\$ —	Reversal of prior year unbilled differences
1588	RSVA - Power	\$ (245,143)	\$ (245,143)	Current year unbilled differences
1588 Total		\$ (350,699)	\$ (245,143)	
1589	RSVA- Global Adjustment	\$ (402,586)	\$ (402,586)	Balance adjustment related to EB-2022-0305 Decision & Order
1589	RSVA- Global Adjustment	\$ 114,699	\$ —	Reversal of prior year unbilled differences
1589	RSVA- Global Adjustment	\$ 50,582	\$ 50,582	Current year unbilled differences
1589 Total		\$ (237,305)	\$ (352,004)	
1595	Disposition and Recovery/Refund of Regulatory Balances (2018)	\$ 451,594	\$ 451,594	Balance adjustment related to EB-2022-0305 Decision & Order
1595 Total		\$ 451,594	\$ 451,594	
1568	LRAM Variance Account	\$ (117,010)	\$ (117,010)	Recognition of LRAMVA balance from workform
1568 Total		\$ (117,010)	\$ (117,010)	

8
 9 **Account 1580 - RSVA Wholesale Market Service Charge:**

10 The 2022 principal adjustment of \$(49,008) represents the adjusting entry to align the Account
 11 1580 balances to the outcome of the OEB’s Decision and Order from Phase 2 of the 2023 IRM
 12 Application for the GBE(E+) Rate Zone. This entry was recorded in the GL in 2023. The
 13 Decision and Order stated: “The OEB denies the proposed principal adjustments to Account
 14 1589 and Account 1580, Sub-Account CBR Class B. The OEB also denies the proposed
 15 principal adjustment to Account 1595 (2018), but approves a partial recovery of the Account
 16 1595 (2018) balance and a different cost allocation compared to the disposition proposed by
 17 GrandBridge.”

1 **Account 1588 - RSVA Power:**

2 The total 2022 principal adjustment of \$(350,699) in Account 1588 represents:

- 3 1. the removal of prior year unbilled differences resulting in an adjustment of \$(105,556) –
4 this is a reversal of the principal adjustment recorded in the DVA Continuity Schedule for
5 2021 balances in the 2023 IRM Application for the GBE(E+) Rate Zone; and
- 6 2. the addition of current year unbilled differences resulting in an adjustment of \$(245,143)
7 – this amount will be reversed in the DVA Continuity Schedule for 2023 balances.

8 **Account 1589 – RSVA Global Adjustment:**

9 The total principal adjustment of \$(237,305) in Account 1589 represents:

- 10 1. the removal of prior year unbilled differences resulting in an adjustment of \$114,699 –
11 this is a reversal of the principal adjustment recorded in the DVA Continuity Schedule for
12 2021 balances in the 2023 IRM Application for the GBE(E+) Rate Zone;
- 13 2. the addition of current year unbilled differences resulting in an adjustment of \$50,582 –
14 this amount will be reversed in the DVA Continuity Schedule for 2023 balances; and
- 15 3. an adjusting entry of \$(402,586) to align the Account 1589 balances to the outcome of
16 the OEB's Decision and Order from Phase 2 of the 2023 IRM Application for the
17 GBE(E+) Rate Zone. This entry was recorded in the GL in 2023.

18 **Account 1595 – RSVA Global Adjustment:**

19 The 2022 principal adjustment of \$451,594 represents the adjusting entry to align the Account
20 1595 (2018) balances to the outcome of the OEB's Decision and Order from Phase 2 of the
21 2023 IRM Application for the GBE(E+) Rate Zone. This entry was recorded in the GL in 2023.

22 **Account 1568 – LRAM Variance Account:**

23 The principal adjustment of \$(117,010) in Account 1568 represents the recognition of LRAMVA
24 balance from the LRAMVA workform related to 2019 to 2022 CDM programs.

25

1 **4.3.6.8 DIFFERENCES FROM RRR TRIAL BALANCE**

2 GrandBridge Energy confirms that the RRR balances for Group 1 accounts that have been
 3 prepopulated in the 2024 IRM Models in Column BV of Tab 3. Continuity Schedule are
 4 consistent with the RRR balances filed for December 31, 2022 in April of this year.

5 The differences between the DVA Continuity Schedule and the RRR balances for each rate
 6 zone are identified in Table 23 and Table 24 above.

7 **4.3.6.9 DISPOSITION OF ACCOUNT 1595**

8 GrandBridge Energy is requesting approval for disposition of Account 1595 balances of
 9 \$108,670 from 2019 in the GBE(BPI) Rate Zone and \$207,542 from 2019 for the GBE(E+) Rate
 10 Zone. GrandBridge Energy confirms that disposition of residual balances for Account 1595 from
 11 2019 have not previously occurred in either rate zone.

12 Table 25: Account 1595 (2019) Residual Balances for GBE(BPI) Rate Zone summarizes the
 13 residual balances by component and identifies the collections/returns variance for the GBE(BPI)
 14 Rate Zone. The total Group 1 and Group 2 balances generate a variance of (4)% and neither
 15 component exceeds the +/- 10% threshold.

16 **Table 25 - Account 1595 (2019) Residual Balances for GBE(BPI) Rate Zone**

GBE(BPI) Rate Zone	2019 Balances		
	Total Original Balances Approved for Disposition	Residual Balances	% Difference
Total Group 1 and Group 2 Balances excluding Account 1589	(1,548,278)	97,067	(6)%
Account 1589 - Global Adjustment	(1,222,542)	11,603	(1)%
Total Group 1 and Group 2 Balances	(2,770,820)	108,670	(4)%

17
 18 Table 26: Account 1595 (2019) Residual Balances for GBE(E+) Rate Zone summarizes the
 19 residual balances by component and identifies the collections/returns variance for the GBE(E+)
 20 Rate Zone. The variance for the Group 1 and Group 2 Balances excluding Account 1589 is
 21 (32)% which exceeds the threshold of +/-10%. The Account 1589 - Global Adjustment balances
 22 are within the +/- 10% threshold.

23

1 **Table 26 - Account 1595 (2019) Residual Balances for GBE(E+) Rate Zone**

GBE(E+) Rate Zone	2019 Balances		
	Total Original Balances Approved for Disposition	Residual Balances	% Difference
Total Group 1 and Group 2 Balances excluding Account 1589	(369,807)	119,920	(32)%
Account 1589 - Global Adjustment	984,121	87,622	9 %
Total Group 1 and Group 2 Balances	614,314	207,542	34 %

2
 3 The primary driver of the Total Group 1 and Group 2 Balances excluding Account 1589 was the
 4 over-recovery of variable forgone revenue. In the 2019 Cost of Service Application for the
 5 GBE(E+) Rate Zone, variable forgone revenue of (\$1,063,031) was approved for recovery over
 6 a period of 17-months. Customer growth and higher consumption and demand over the 17-
 7 month period resulted in recoveries that were \$82,536 higher than the approved amount. Table
 8 27 - Variance in Variable Forgone Revenue Rate Rider for GBE(E+) Rate Zone summarizes the
 9 variance calculation.

10 **Table 27 - Variance in Variable Forgone Revenue Rate Rider for GBE(E+) Rate Zone**

GBE(E+) Rate Zone - Rate Class	Calculated Rate Rider as Approved by OEB	Projected Consumption over Recovery Period	Billed Consumption (kWh/kW) that the rider was applied against**	Forecasted versus billed Consumption Variance (kWh/kW)	Calculated Variance (\$)
Residential	\$ (0.0009)	622,239,660	718,865,711	(96,626,051)	\$ 86,963
GS<50kW	\$ 0.0002	269,263,177	280,302,250	(11,039,073)	\$ (2,208)
GS>50 to 999 kW	\$ (0.1590)	2,217,193	2,064,153	153,040	\$ (24,333)
GS>1,000 to 4,999 kW	\$ 0.0460	783,084	784,168	(1,084)	\$ (50)
Large Use	\$ (0.3398)	463,626	493,830	(30,204)	\$ 10,263
Unmetered Scattered Load	\$ (1.5613)	15,506	23,300	(7,794)	\$ 12,169
Street Lighting	\$ 4.7779	486	359	127	\$ 607
Sentinel Lighting	\$ 0.0003	3,193,913	3,135,567	58,346	\$ 18
Emb Distributor - Hydro One CND	\$ (0.1202)	162,419	168,488	(6,069)	\$ 729
Emb Distributor - Waterloo North	\$ 0.0158	34,551	39,213	(4,662)	\$ (74)
Emb Distributor - Brantford	\$ 2.2424	1,523	1,401	122	\$ 274
Emb Distributor - Hydro One #1	\$ (1.1319)	41,097	39,487	1,610	\$ (1,822)
Total					\$ 82,536

11

12

1 **4.3.7 LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT**
 2 **(LRAMVA)**

3 GrandBridge Energy is applying for disposition of the balances in its Lost Revenue Adjustment
 4 Mechanism Variance Accounts (“LRAMVA”) resulting from its Conservation and Demand
 5 Management (“CDM”) activities in the GBE(E+) Rate Zone and GBE(BPI) Rate Zone.

6 GBE has completed the 2024 LRAMVA Workform provided by the OEB to calculate the variance
 7 between actual and forecast CDM savings for both rate zones. The models have been filed in
 8 live Excel format and included as Attachment E-1 and Attachment E-2.

9 **4.3.7.1 GBE(BPI) Rate Zone LRAMVA**

10 GrandBridge Energy is requesting disposition of LRAMVA balances in the GBE(BPI) Rate Zone
 11 based on CDM program savings from January 1, 2020 to December 31, 2021. Table 28 -
 12 LRAMVA Balances and Rate Riders for GBE(BPI) Rate Zone summarizes total amount
 13 requested for disposition of \$99,116 and the resulting rate riders. GBE is requesting disposition
 14 of the LRAMVA balances over a period of 12 months.

15 **Table 28 - LRAMVA Balances and Rate Riders for GBE(BPI) Rate Zone**

Rate Class	Principal	Carrying Charges	Total LRAMVA	LRAMVA Rate Rider
General Service < 50 kW	\$ 121,888	\$ 9,077	\$ 130,965	\$ 0.0013 / kW
General Service > 50 kW	\$ (29,647)	\$ (2,202)	\$ (31,849)	\$ (0.0212) / kW
Total	\$ 92,241	\$ 6,875	\$ 99,116	

17 GBE is seeking recovery of lost revenues in the GBE(BPI) Rate Zone resulting from the
 18 following:

- 19 i. persistence savings from CDM programs implemented in 2016 to 2019;
- 20 ii. incremental savings from CDM programs implemented in 2020 and their persistence in
 21 2021; and
- 22 iii. incremental savings from CDM programs implemented in 2021.

23 CDM program savings from 2016 to 2019 were previously approved by the OEB in the 2022
 24 Cost of Service Application for the GBE(BPI) Rate Zone. The CDM program results for 2016 to
 25 2017 were supported by the “2017 Final Verified Annual LDC CDM Program Results Report”⁸
 26 published by the IESO.

⁸ EB-2021-0009: Brantford_Att 4H 2017 CDM Program Results_20210518

1 The CDM program results for 2018 to 2019 were supported by the “2019 Participation and Cost
 2 Report” published by the IESO and supplementary LRAMVA data for projects completed after
 3 April 15, 2019.⁹

4 CDM program savings from 2020 and 2021 are based on the most recent input assumptions
 5 through the use of post-project submissions to the IESO’s CDM portal for projects undertaken
 6 as part of the Conservation First Framework. GBE has determined the rate class allocations for
 7 actual CDM savings from 2020 to 2021 based on project specific information and the rate
 8 classes of the customers undertaking the project. The CDM program savings used in the
 9 calculation of LRAMVA balances are on a net basis. To determine the net project savings, GBE
 10 has applied the overall net-to-gross ratio from the provincial program results published in the
 11 IESO’s Evaluation, Measurement and Verification (“EM&V”) reports¹⁰. GBE has included all
 12 supporting data and calculations for the 2020 and 2021 CDM program savings in a live Excel
 13 model titled “GBE_2024_IRM_LRAMVA_Supplementary_Data.xlsx”.

14 The LRAMVA threshold used in the calculation of forecast CDM savings is summarized in Table
 15 29 - LRAMVA Threshold for GBE(BPI) Rate Zone. The LRAMVA threshold for 2020 and 2021
 16 was approved in the 2017 Cost of Service Application for the GBE(BPI) Rate Zone¹¹. No
 17 LRAMVA threshold was established for 2022 and beyond in the 2022 Cost of Service
 18 Application for the GBE(BPI) Rate Zone due to the wind-down of CDM activity under the
 19 Conservation First Framework (“CFF”) therefore no further balances will be claimed for the
 20 GBE(BPI) Rate Zone.

21 **Table 29 - LRAMVA Threshold for GBE(BPI) Rate Zone**

Year	Residential	General Service < 50 kW	General Service > 50 kW
	<i>kWh</i>	<i>kWh</i>	<i>kW</i>
2020	1,262,919	1,210,217	56,673
2021	1,262,919	1,210,217	56,673
2022	—	—	—

23

⁹ EB-2021-0009: Brantford_Att 4I_Apr 2019 Participation and Cost Report_20210518 and
 Brantford_Att_4Gb_AddI_LRAMVA Data_20210518

¹⁰ <https://www.ieso.ca/en/Sector-Participants/Energy-Efficiency/Evaluation-Measurement-and-Verification>

¹¹ EB-2016-0058 - Settlement Agreement pages 39 to 40

1 **4.3.7.2 GBE(E+) Rate Zone LRAMVA**

2 GrandBridge Energy is requesting disposition of LRAMVA balances in the GBE(E+) Rate Zone
 3 based on CDM program savings from January 1, 2019 to December 31, 2022. Table 30 -
 4 LRAMVA Balances and Rate Riders for GBE(E+) Rate Zone summarizes total amount
 5 requested for disposition of \$(117,010) and the resulting rate riders. GBE is requesting
 6 disposition of the LRAMVA balances over a period of 12 months.

7 **Table 30 - LRAMVA Balances and Rate Riders for GBE(E+) Rate Zone**

Rate Class	Principal	Carrying Charges	Total LRAMVA	LRAMVA Rate Rider
General Service < 50 kW	\$ 696,252	\$ 53,067	\$ 749,319	\$ 0.0035 / kWh
General Service 50 to 999 kW	\$ 18,342	\$ 1,330	\$ 19,672	\$ 0.0133 / kW
General Service 1000 to 4999 kW	\$ (253,276)	\$ (20,897)	\$ (274,172)	\$ (0.4773) / kW
Large User	\$ (3,040)	\$ (236)	\$ (3,276)	\$ (0.0096) / kW
Street Lights	\$ (565,460)	\$ (43,093)	\$ (608,553)	\$ (36.7620) / kW
Total	\$ (107,182)	\$ (9,829)	\$ (117,010)	

8
 9 The Residential rate class balance of (\$10,650) calculated in the 2024 LRAMVA Workform has
 10 not been included in the balances in the 2024 IRM Model as it does not generate a significant
 11 rate rider. The low LRAMVA balance attributable to the Residential rate class and high
 12 consumption billing determinant result in no rate rider to be calculated when rounding the rate to
 13 four decimal places.

14 GBE is seeking recovery of lost revenues in the GBE(E+) Rate Zone resulting from the
 15 following:

- 16 i. persistence savings from CDM programs implemented in 2017 to 2018;
- 17 ii. incremental savings from CDM programs implemented in 2019 and their persistence in
 18 2020 to 2022;
- 19 iii. incremental savings from CDM programs implemented in 2020 and their persistence in
 20 2021 to 2022;
- 21 iv. incremental savings from CDM program implemented in 2021 and their persistence in
 22 2022; and
- 23 v. incremental savings from CDM programs implemented in 2022.

24 CDM program savings from 2016 to 2017 were previously approved by the OEB in the 2019
 25 Cost of Service Application and 2020 IRM Application for the GBE(BPI) Rate Zone. The CDM

1 program results for 2017 were supported by the “2017 Final Verified Annual LDC CDM Program
 2 Results Report” published by the IESO¹².

3 The CDM program results for 2018 were supported by the “2019 Participation and Cost Report”
 4 published by the IESO and supplementary LRAMVA data for projects completed after April 15,
 5 2019¹³.

6 CDM program savings from 2019 to 2022 are based on the most recent input assumptions
 7 through the use of post-project submissions to the IESO’s CDM portal for projects undertaken
 8 as part of the Conservation First Framework. GBE has determined the rate class allocations for
 9 actual CDM savings from 2019 to 2022 based on project specific information and the rate
 10 classes of the customers undertaking the project. The CDM program savings used in the
 11 calculation of LRAMVA balances are on a net basis. To determine the net project savings, GBE
 12 has applied the overall net-to-gross ratio from the provincial program results published in the
 13 IESO’s Evaluation, Measurement and Verification (“EM&V”) reports. GBE has included all
 14 supporting data and calculations for the 2019 to 2022 CDM program savings in a live Excel
 15 model titled “GBE_2024_IRM_LRAMVA_Supplementary_Data.xlsx”.

16 The LRAMVA threshold used in the calculation of forecast CDM savings is summarized in Table
 17 31 - LRAMVA Threshold for GBE(E+) Rate Zone. The LRAMVA threshold for the GBE(E+) Rate
 18 Zone was approved in its 2019 Cost of Service Application (EB-2018-0028) and was based on
 19 expected CDM savings in 2019 from 2017 to 2019 full year programs. A claim for 2023
 20 balances was not included as part of this application due to additional CDM projects expected to
 21 go into service in 2023.

22 **Table 31 - LRAMVA Threshold for GBE(E+) Rate Zone**

Year	Residential	General Service < 50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights
	kWh	kWh	kW	kW	kW	kW
2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852
2020	23,915,258	6,999,588	38,869	55,003	3,989	21,852
2021	23,915,258	6,999,588	38,869	55,003	3,989	21,852
2022	23,915,258	6,999,588	38,869	55,003	3,989	21,852

23

¹² EB-2018-0018 - EnergyPlus_2017 Final Verified Annual LDC CDM Program Results_20180629_20180914

¹³ EB-2019-0031 - EnergyPlus_2020_LRAMVA_Participation_and Cost_Report_2019_04 and

EnergyPlus_2020_LRAMVA_Supplementary_Data

1 Streetlighting Project Savings

2 Several municipalities in the GBE(E+) Rate Zone completed LED streetlight retrofits with IESO
3 funding based on SaveOnEnergy Retrofit incentives in 2017. The demand savings from the
4 streetlight retrofits are attributable to participation in the IESO program and do not include other
5 savings that may have occurred outside of the IESO program. The demand savings associated
6 with these projects are included in the LRAMVA calculations. GBE confirms that the streetlight
7 energy savings have been removed from the Retrofit program total each year to avoid double
8 counting.

9 To calculate the streetlight savings GBE has utilized monthly reports received from the
10 participating municipalities that identify the number and type of bulbs replaced before and after
11 the IESO program. Since streetlights are unmetered and billed by demand, a load profile was
12 not used to determine the demand reduction. The revenue impact is based on actual billed
13 wattages by bulb type before and after the conversions. Before the streetlight conversion, GBE
14 billed 2,198 kW to the municipalities that participated in the IESO program. After the
15 conversion, the billing quantity reduced to 1,161 kW, resulting in an annual reduction of 12,444
16 kW.

17 GBE has utilized a net-to-gross ratio of 100% for the streetlight retrofit projects in the LRAMVA
18 workform. A net-to-gross ratio on a CDM project is calculated by assessing the free ridership,
19 spillover and rebound effect of a given project. GBE has used a ratio of 100% for the streetlight
20 projects for the following reasons:

- 21 i. A net-to-gross ratio of 100% most accurately quantifies the lost revenue as a result of the
22 streetlight retrofits. Streetlight accounts are billed based on demand, and the savings
23 quantified reflect the actual reduction in billing quantities and therefore the actual
24 reduction in customers' bills.
- 25 ii. Free ridership does not apply for these projects. The retrofitting projects were
26 dependent on funding from the IESO and would not have otherwise been completed.
27 GBE's Energy Efficiency staff worked closely the municipalities to ensure the
28 applications were approved and projects would proceed.
- 29 iii. Spillover, or reduction in energy consumption caused by the presence of the streetlight
30 retrofits, would not be applicable for these projects. Likewise, there would be no

1 rebound effect, or increase in consumption elsewhere as a result of the energy savings
 2 through the streetlight retrofits. The scope was limited to streetlight conversions and
 3 there are no other means for increasing or decreasing the streetlight energy usage.

4 Table 32 - Load Forecast for Streetlight Rate Class in GBE(E+) Rate Zone summarizes the load
 5 forecast trend for the Streetlight rate class up to the 2019 Test Year from the 2019 Cost of
 6 Service for the GBE(E+) Rate Zone. The forecast demand savings included in the LRAMVA
 7 threshold for the Streetlight rate class are 21,852 kW based on CDM program savings from
 8 2017, 2018 and 2019. The actual annual demand savings of 12,444 kW calculated results in a
 9 significant variance in the LRAMVA balances for the Streetlight rate class.

10 **Table 32 - Load Forecast for Streetlight Rate Class in GBE(E+) Rate Zone**

	2015 Actual	2016 Actual	2017 Actual	2018 Bridge	2019 Test
11 Streetlight demand (kW)	31,873	31,300	24,144	14,844	10,945

12 CHP Project Savings

13 Included in the LRAMVA Workform are savings related to a Combined Heat and Power (“CHP”)
 14 project was undertaken as part of the IESO’s Process and Systems Upgrades Initiative (“PSUI”).

15 The standard procedure for estimating lost revenues (verified demand in a year times 12
 16 months) does not reasonably estimate the impact on revenues of CHP projects. The average
 17 demand savings associated with a large CHP project do not necessarily translate into lost
 18 revenues, if for example, the facility was down for one day, given that revenues are based on
 19 monthly peaks. To quantify the savings, GBE looked at the actual impact on revenues, rather
 20 than using an estimate of peak demand reductions.

21 Consistent with the approved methodology utilized in the 2019 Cost of Service Application for
 22 the GBE(E+) Rate Zone, GBE compared the monthly coincident peak demands of the entire
 23 facility where the CHP was installed (i.e. facility plus CHP generation) against the monthly billed
 24 peak demand to determine the demand savings by month for each year the CHP generator was
 25 in service.

26 This methodology results in the net savings of the project which are significantly lower than the
 27 average demand reduction or name plate of the CHP generator. As a result of the methodology
 28 utilized in determining demand savings, a net-to-gross ratio of 100% has been applied which

1 provides the most accurate estimate of lost revenues attributable to the project. A breakdown of
2 billed demand and detailed level calculations for the PSUI project are included in the live Excel
3 model titled “GBE_2024_IRM_LRAMVA_Supplementary_Data.xlsx”.

4 **4.3.8. TAX CHANGES**

5 Section 3.2.7 of the Chapter 3 Requirements indicates that the OEB requires a 50-50 sharing of
6 legislated tax change impacts from the tax rates embedded in an LDC’s OEB approved rates,
7 based on the known tax rates at the time of the application.

8 No tax changes are anticipated to result from changes in tax rates from GrandBridge Energy’s
9 most recent Cost of Service Applications (2019 for GBE(E+) Rate Zone, 2022 for GBE(BPI)
10 Rate Zone). Should an update to corporate taxes be issued prior to the issuance of a Decision
11 and Rate Order in this Application, GrandBridge Energy will update its application to take these
12 changes into consideration.

13 Consistent with the OEB’s letter of July 25, 2019, GrandBridge Energy has recorded the impacts
14 of the CCA rule changes resulting from Bill C-97 in account 1592-PILS and Tax Variances for
15 2018 to 2021 for the GBE(E+) Rate Zone, and expects the OEB will address the appropriate
16 treatment of the accelerated CCA impact in the next application where Group 2 accounts are
17 disposed.

18 For GrandBridge Energy’s GBE(BPI) Rate Zone, an adjustment for the impacts from the CCA
19 rule changes is incorporated into 2022 base rates through a “PILS smoothing” approach.
20 Further, the Settlement Proposal outlines that GrandBridge Energy will employ Account 1592 -
21 PILs and Tax Variances, Sub-account CCA Changes, “but only to reflect the impact of any
22 further changes of the current tax laws and rules governing CCA from the CCA rules that are
23 currently anticipated for the phase out of accelerated CCA (i.e. the sub-account will not record
24 any new entries, unless there are further changes to the current tax laws and rules or if the OEB
25 orders otherwise)”.¹⁴

¹⁴ EB-2021-0009 – Decision and Order, p 32

1 In the OEB's Decision in GrandBridge Energy's MAADs application, the OEB confirmed the use
2 of Account 1592 - PILs and Tax Variances, Sub-account CCA Changes would continue to apply
3 beyond 2026 and until GrandBridge Energy's next rebasing.¹⁵

4 **4.3.9. Z-FACTOR CLAIMS**

5 GrandBridge Energy is not applying for any Z-Factor claims in this Application.

6 **4.3.10. OFF-RAMPS**

7 GrandBridge Energy did not exceed the dead band of +/- 300 basis points from the OEB-
8 approved ROE in 2022.

9 GBE achieved a Regulatory Return on Equity of 9.60% in 2022 as reported in the most recent
10 RRR 2.1.5.6 filing. This amount is within +/- 300 basis points, of both the Board-approved
11 Return on Equity of 8.86% determined in the 2022 MAAD's Application (EB-2021-0280).

12 **4.4. Elements Specific to the Price Cap IR Plan**

13 **4.4.1. ADVANCED CAPITAL MODULE**

14 GrandBridge Energy is not applying under the Advanced Capital Module in this Application.

15 **4.4.2. INCREMENTAL CAPITAL MODULE (ICM)**

16 GrandBridge Energy is not applying under the Incremental Capital Module in this Application.

17 **4.4.3. TREATMENT OF COSTS FOR ELIGIBLE INVESTMENTS**

18 GrandBridge Energy is not applying for any recovery of "eligible investments" related to
19 renewable energy generation costs.

20 **4.5. Specific Exclusions from IRM Applications**

21 GrandBridge Energy is not requesting to seek relief in this Application on any of the following
22 items:

- 23 • Rate Harmonization;
- 24 • Changed to revenue-to-cost ratios;
- 25 • Loss Factor Changes;

¹⁵EB-2021-0280 - Decision and Order, p 15-17

- 1 • Establishing or changing Specific Service Charges;
- 2 • Any requests for approval that require a new or further prudence review for a cost
- 3 component of an approved revenue requirement such as long-term debt rates, pension
- 4 and other post-employment benefit (“OPEB”) costs, or PILs/Taxes.
- 5 • Disposition of Group 2 Deferral and Variance Accounts; or
- 6 • Loss of Customer Load.

7 **5. Previous Board Directives**

8 **5.1 - Loss Study**

9 In its Decision and Order in the 2022 IRM Application for the GBE(E+) Rate Zone, issued
10 December 21, 2021, the OEB Ordered the following:

11 *“Energy+ Inc. shall investigate the differences between its approved loss factors and*
12 *actual system losses and document the findings in its next IRM application, along with*
13 *any proposed adjustments to the loss factors.”*

14 GrandBridge Energy has included a report that summarizes its investigation of system losses in
15 Attachment G. GrandBridge Energy will continue to monitor its loss factor and is not proposing
16 any adjustments to its loss factors at this time

17 **5.2 Accounting Policy Harmonization**

18 In its Decision and Order in the Mergers, Amalgamations, Acquisitions and Divestitures
19 Application (“MAADs Application”) for GrandBridge Energy (EB-2021-0280), issued March 17,
20 2022, the OEB ordered the following:

21 *“The OEB is ... establishing a deferral account to track the rate base impact, using the*
22 *methodology established for Account 1576, arising from Brantford Power’s adoption of*
23 *Energy+’s accounting policies. The balance will be reviewed as part of the IRM*
24 *application for 2024 rates, and if the balance is lower than the materiality threshold for*
25 *[GrandBridge Energy] of \$295,000, the account will be closed without disposition and no*
26 *further entries required. Otherwise, the balance will be disposed at the end of the*
27 *deferred rebasing period to customers of the former Brantford Power.”¹⁶*

¹⁶ EB-2021-0280 – Decision and Order page 17

1 Upon amalgamation, GrandBridge Energy completed a review of accounting policies in
2 accordance with International Financial Reporting Standards (“IFRS”). IFRS 10 Consolidated
3 Financial Statements (“IFRS 10”) outlines that uniform accounting policies must be adopted for
4 like transactions in a group of companies. IFRS 3 Business Combinations (“IFRS 3”) outlines
5 that accounting policies of the parties to the merger should align to the acquirer’s policy. IFRS 3
6 provides guidance on determining the acquirer by assessing the relative size of the entities
7 (assets, revenues, profit). GrandBridge Energy adopted the accounting policies of E+ which was
8 deemed the acquirer due to its relative size compared to BPI.

9 The harmonization of the accounting policies resulted in the following changes for the GBE(BPI)
10 Rate Zone:

- 11 • Change in useful lives for amortization of property, plant & equipment (“PP&E”);
- 12 • Change in useful lives for amortization of deferred revenue;
- 13 • Recognition of removal costs as expenses instead of capital; and
- 14 • Recognition of major asset inspections as expenses instead of capital.

15 Table 33 - Accounting Policy Harmonization Impact in 2022 summarizes the rate base impact
16 resulting from the harmonization of accounting policies:

17 **Table 33 - Accounting Policy Harmonization Impact in 2022**

Impact from fixed asset additions	(Increase) / Decrease to Rate Base
Recognition of major asset inspections in operating expenses	\$ 107,740
Recognition of removal costs on Income statement	\$ 44,205
Total impact from fixed asset additions	\$ 151,945
Impact from depreciation	(Increase) / Decrease to Rate Base
Impact of change in useful life on deferred revenue amortization	\$ 65,420
Impact of change in useful life on PP&E amortization	\$ (105,034)
One-time PP&E derecognition due to useful life reduction (1)	\$ 427,149
Total impact from depreciation	\$ 387,535
Total (increase) / decrease to Rate Base (2)	\$ 539,480
Recurring annual impact on Rate Base (3) = (2) - (1)	\$ 112,331

18

1 In the financial statements for May 2, 2022 to December 31, 2022, GrandBridge Energy
2 recorded the following entry to recognize the reduction in rate base in the deferral and variance
3 account established in the MAADs application:

Debit

Account 1508 Other Regulatory Assets, Sub Account Impact of Post-Merger Accounting
Policy Changes \$ 539,480

Credit

4 Account 4310 Regulatory Credit \$ (539,480)

5 Based on the outcome of the review of accounting policy differences, GrandBridge Energy is
6 requesting approval to close *Account 1508 Other Regulatory Assets, Sub Account Impact of*
7 *Post-Merger Accounting Policy Changes* without disposition, and to reverse the balances
8 recorded to date. GrandBridge Energy does not seek to be enriched from changes in
9 accounting policy and recovering the debit balance in the account from customers. In addition,
10 the expected recurring annual impact on Rate Base from the changes in accounting policies of
11 \$112,331 falls below the materiality threshold of \$295,000, even when prorated for a full twelve
12 months.

13

6. Customer Impacts

Tables 33 and 34 summarize the bill impacts by customer class for GrandBridge Energy's customers in each rate zone on the proposed Distribution charges (fixed and variable) and on the Total Bill (before HST). The detailed Customer Bill Impacts by class, category, and varying consumption and demand levels are computed in Tab 20 of the 2024 IRM Model and are included in Attachments A-1 and A-2.

Table 34: Summary of Bill Impacts – GBE(BPI) Rate Zone

GBE (BPI) Rate Zone - Rate Class	kWh	kW	Distribution (Fixed & Volumetric)				Total Bill (including HST)			
			2023 Approved	2024 Proposed	\$ Change	% Impact	2023 Approved	2024 Proposed	\$ Change	% Impact
Residential	750	—	\$ 28.79	\$ 30.13	\$ 1.34	4.7%	\$ 120.43	\$ 125.85	\$ 5.42	4.5%
GS<50kW	2,000	—	\$ 56.76	\$ 59.49	\$ 2.73	4.8%	\$ 295.78	\$ 312.20	\$ 16.42	5.6%
GS<50kW to 4,999 kW	100,000	250	\$ 1,157.87	\$ 1,211.70	\$ 53.83	4.6%	\$ 15,876.77	\$ 16,088.96	\$ 212.19	1.3%
Emb Distributor	2,000,000	12,000	\$ 33,940.65	\$ 35,518.89	\$ 1,578.24	4.6%	\$ 370,372.53	\$ 393,959.06	\$ 23,586.53	6.4%
Sentinel Lighting	55	1	\$ 30.44	\$ 31.85	\$ 1.41	4.6%	\$ 47.04	\$ 50.43	\$ 3.39	7.2%
Street Lighting	622,000	1,900	\$ 24,561.66	\$ 25,687.55	\$ 1,125.89	4.6%	\$ 119,795.38	\$ 122,511.49	\$ 2,716.11	2.3%
Unmetered Scattered Load	280	0	\$ 11.44	\$ 11.96	\$ 0.52	4.5%	\$ 53.61	\$ 55.89	\$ 2.28	4.3%

Table 35: Summary of Bill Impacts – GBE(E+) Rate Zone

GBE (E+) Rate Zone - Rate Class	kWh	kW	Distribution (Fixed & Volumetric)				Total Bill (including HST)			
			2023 Approved	2024 Proposed	\$ Change	% Impact	2023 Approved	2024 Proposed	\$ Change	% Impact
Residential	750	—	\$ 30.84	\$ 32.27	\$ 1.43	4.6%	\$ 123.90	\$ 126.19	\$ 2.29	1.8 %
GS<50kW	2,000	—	\$ 52.01	\$ 54.38	\$ 2.37	4.6%	\$ 294.74	\$ 306.88	\$ 12.14	4.1 %
GS>50 to 999 kW	20,000	60	\$ 365.70	\$ 382.70	\$ 17.00	4.6%	\$ 3,520.15	\$ 3,561.91	\$ 41.76	1.2 %
GS>1,000 to 4,999 kW	800,000	2,000	\$ 9,428.25	\$ 9,866.67	\$ 438.42	4.7%	\$ 126,447.43	\$ 126,666.67	\$ 219.24	0.2 %
Large Use	6,600,000	16,000	\$ 39,584.25	\$ 41,425.22	\$ 1,840.97	4.7%	\$ 1,039,757.6	\$ 1,054,374.58	\$ 14,616.97	1.4 %
Unmetered Scattered Load	100	—	\$ 8.05	\$ 8.42	\$ 0.37	4.6%	\$ 20.71	\$ 21.23	\$ 0.52	2.5 %
Street Lighting	400,000	700	\$ 13,050.67	\$ 13,658.58	\$ 607.91	4.7%	\$ 69,370.03	\$ 41,145.11	\$ (28,224.9)	(40.7)%
Sentinel Lighting	10,000	29	\$ 1,358.95	\$ 1,422.15	\$ 63.20	4.7%	\$ 2,551.16	\$ 2,618.13	\$ 66.97	2.6 %
Emb Distributor - Hydro One CND	1,382,000	2,574	\$ 6,030.11	\$ 6,310.42	\$ 280.31	4.6%	\$ 201,513.97	\$ 202,907.92	\$ 1,393.95	0.7 %
Emb Distributor - Waterloo North	—	8,280	\$ 15,057.18	\$ 15,757.67	\$ 700.49	4.7%	\$ 78,871.57	\$ 76,240.55	\$ (2,631.02)	(3.3)%
Emb Distributor - Brantford	50,000	27	\$ 281.03	\$ 294.10	\$ 13.07	4.7%	\$ 7,017.30	\$ 7,016.13	\$ (1.17)	— %
Emb Distributor - Hydro One #1	1,300,000	2,340	\$ 3,145.23	\$ 3,291.57	\$ 146.34	4.7%	\$ 186,064.56	\$ 187,270.74	\$ 1,206.18	0.6 %
Emb Distributor - Hydro One #2	1,990,000	4,050	\$ 77.49	\$ 81.09	\$ 3.60	4.6%	\$ 255,228.47	\$ 256,654.55	\$ 1,426.08	0.6 %

7. Conclusion

GrandBridge Energy requests approval for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity for the GBE(BPI) Rate Zone and GBE(E+) Rate Zone effective January 1, 2024.

All of which is respectfully submitted this 17th day of August 2023.

Attachment A-1: 2024 IRM Rate Generator Model for GBE(BPI) Rate Zone

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Quick Link
Ontario Energy Board's 2024 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name: GrandBridge Energy Inc.

Service Territory: Branford Power Rate Zone

Assigned EB Number: EB-2023-0023

Name of Contact and Title: Dan Molon, Director, Regulatory Affairs & Financial Planning

Phone Number: 519-621-3530 x 2340

Email Address: dmlolon@grandbridgeenergy.com

Rate Effective Date: Monday, January 1, 2024

Rate-Setting Method: Price Cap IR

2022

1. Select the last Cost of Service rebasing year.

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:
For all the the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2021 balances that were reviewed in the 2023 rate application were to be selected, select 2021.

For instructions to complete tabs 3 to 7 of the IRM Rate Generator Model, refer to the IRM Rate Generator Model Tabs 3-7 Instructions document posted on the OEB's 2024 Electricity Distribution Rates webpage.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.

2020

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition 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.
- 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.

2020

3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis

2020

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was last approved on a final basis.

b) If the accounts 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.
- ii) If 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.

2020

4. Select the earliest vintage year in which there is a balance in Account 1595.

2017

(e.g. If 2017 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2017.)

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?

Yes

6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?

Yes

7. Retail Transmission Service Rates: GrandBridge Energy Inc. is:

Partially Embedded Within

GrandBridge Energy Inc. (formerly Energy*) Distribution System(s)
(If necessary, enter all host-distributors' names in the above green shaded cell.)

8. Have you transitioned to fully fixed rates?

Yes

9. Do you want to update your low voltage service rate?

No

Legend

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- Red cells represent flags to identify either non-matching values or incorrect user selections.
- Pale grey cells represent auto-populated RRR data.
- White cells contain fixed values, automatically generated values or formulae.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number
Group 1 Accounts	
LV Variance Account	1550
Smart Metering Entity Charge Variance Account	1551
RSVA - Wholesale Market Service Charge ⁵	1580
Variance WMS – Sub-account CBR Class A ⁵	1580
Variance WMS – Sub-account CBR Class B ⁵	1580
RSVA - Retail Transmission Network Charge	1584
RSVA - Retail Transmission Connection Charge	1586
RSVA - Power ⁴	1588
RSVA - Global Adjustment ⁴	1589
Disposition and Recovery/Refund of Regulatory Balances (2017 and pre-2017) ³	1595
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595
Disposition and Recovery/Refund of Regulatory Balances (2022) ³	1595
Disposition and Recovery/Refund of Regulatory Balances (2023) ³	1595
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595
RSVA - Global Adjustment requested for disposition	1589
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition	
Total Group 1 Balance requested for disposition	
LRAM Variance Account (only input amounts if applying for disposition of this account) Impacts Arising from the COVID-19 Emergency, Sub-account Forgone Revenues from Postponing Rate Implementation⁶	1568
	1509
Total Group 1 balance including Account 1568 and Account 1509 requested for disposition	

2017

Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
74,627				74,627	41,152				41,152
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
				0					0
0	0	0	0	0	0	0	0	0	0
74,627	0	0	0	74,627	41,152	0	0	0	41,152
74,627	0	0	0	74,627	41,152	0	0	0	41,152
74,627	0	0	0	74,627	41,152	0	0	0	41,152

2018

Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
74,627	(63,373)	0	0	11,254	41,152	1,557	0	0	42,709
0	(7,598)	0	0	(7,598)	0	7,508	0	0	7,508
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
74,627	(70,971)	0	0	3,656	41,152	9,065	0	0	50,217
74,627	(70,971)	0	0	3,656	41,152	9,065	0	0	50,217
0				0	0				0
74,627	(70,971)	0	0	3,656	41,152	9,065	0	0	50,217

2019

Opening Principal Amounts as of Jan 1, 2019	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
11,254	0	0	0	11,254	42,709	174	0	0	42,883
(7,598)	(1,407)	0	0	(9,005)	7,508	(223)	0	0	7,285
0	105,721	0	65,475	171,196	0	(285,172)	0	0	(285,172)
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
3,656	104,314	0	65,475	173,445	50,217	(285,221)	0	0	(235,004)
3,656	104,314	0	65,475	173,445	50,217	(285,221)	0	0	(235,004)
0				0	0				0
3,656	104,314	0	65,475	173,445	50,217	(285,221)	0	0	(235,004)

2020

Opening Principal Amounts as of Jan 1, 2020	Transactions Debit/ (Credit) during 2020	OEB-Approved Disposition during 2020	Principal Adjustments ¹ during 2020	Closing Principal Balance as of Dec 31, 2020	Opening Interest Amounts as of Jan 1, 2020	Interest Jan 1 to Dec 31, 2020	OEB-Approved Disposition during 2020	Interest Adjustments ¹ during 2020	Closing Interest Amounts as of Dec 31, 2020
0			0	0	0			0	0
0			(49,875)	(49,875)	0			(1,924)	(1,924)
0			(885,815)	(885,815)	0			6,850	6,850
0			0	0	0			0	0
0			(80,507)	(80,507)	0			(23,644)	(23,644)
0			10,017	10,017	0			(4,854)	(4,854)
0			272,944	272,944	0			15,473	15,473
0			(438,742)	(438,742)	0			57,715	57,715
0			33,071	33,071	0			3,914	3,914
11,254	0	0	0	11,254	42,883	107	0	0	42,990
(9,005)	0	0	0	(9,005)	7,285	(124)	0	0	7,161
171,196	255,790	0	(65,475)	361,511	(285,172)	5,555	0	0	(279,617)
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	33,071	33,071	0	0	0	3,914	3,914
173,445	255,790	0	(1,237,453)	(808,218)	(235,004)	5,538	0	49,616	(179,850)
173,445	255,790	0	(1,204,382)	(775,147)	(235,004)	5,538	0	53,530	(175,936)
0				0	0				0
0				0	0				0
173,445	255,790	0	(1,204,382)	(775,147)	(235,004)	5,538	0	53,530	(175,936)

2021

Opening Principal Amounts as of Jan 1, 2021	Transactions Debit/ (Credit) during 2021	OEB-Approved Disposition during 2021	Principal Adjustments ¹ during 2021	Closing Principal Balance as of Dec 31, 2021	Opening Interest Amounts as of Jan 1, 2021	Interest Jan 1 to Dec 31, 2021	OEB-Approved Disposition during 2021	Interest Adjustments ¹ during 2021	Closing Interest Amounts as of Dec 31, 2021
0	0	0	0	0	0	0	0	0	0
(49,875)	(26,158)	0	0	(76,032)	(1,924)	(318)	0	0	(2,242)
(885,815)	225,016	0	500,559	(160,240)	6,850	(626)	0	0	6,224
0	0	0	0	0	0	0	0	0	0
(80,507)	413,242	0	(500,559)	(167,825)	(23,644)	(3,455)	0	0	(27,099)
10,017	1,635,470	0	0	1,645,487	(4,854)	3,441	0	0	(1,412)
272,944	284,123	0	0	557,066	15,473	1,938	0	0	17,411
(438,742)	(1,243,723)	0	853,514	(828,951)	57,715	(3,338)	0	0	54,377
33,071	(635,667)	0	(141,661)	(744,257)	3,914	(6,312)	0	0	(2,397)
11,254	(0)	0	0	11,254	42,990	44	0	0	43,034
(9,005)	0	0	0	(9,005)	7,161	(51)	0	0	7,110
361,511	14	0	0	361,525	(279,617)	2,061	0	0	(277,556)
0	0	0	0	0	0	0	0	0	0
0				0	0				0
0				0	0				0
0				0	0				0
33,071	(635,667)	0	(141,661)	(744,257)	3,914	(6,312)	0	0	(2,397)
(808,218)	1,287,983	0	853,514	1,333,279	(179,850)	(305)	0	0	(180,155)
(775,147)	652,316	0	711,853	589,022	(175,936)	(6,616)	0	0	(182,552)
0				0	0				0
0				0	0				0
(775,147)	652,316	0	711,853	589,022	(175,936)	(6,616)	0	0	(182,552)

2022

Opening Principal Amounts as of Jan 1, 2022	Transactions Debit/ (Credit) during 2022	OEB-Approved Disposition during 2022	Principal Adjustments ¹ during 2022	Closing Principal Balance as of Dec 31, 2022	Opening Interest Amounts as of Jan 1, 2022	Interest Jan 1 to Dec 31, 2022	OEB-Approved Disposition during 2022	Interest Adjustments ¹ during 2022	Closing Interest Amounts as of Dec 31, 2022
0	0	0		0	0	0			0
(76,032)	(113,573)	(49,875)		(139,731)	(2,242)	(1,616)	(2,208)		(1,650)
(160,240)	1,929,001	(885,815)		2,654,576	6,224	41,848	1,801		46,271
0	0	0		0	0	0	0		0
(167,825)	(75,044)	(80,507)		(162,362)	(27,099)	(3,170)	(24,103)		(6,167)
1,645,487	510,074	10,017		2,145,543	(1,412)	36,695	(4,796)		40,079
557,066	249,686	272,944		533,809	17,411	9,626	17,029		10,008
(828,951)	(437,703)	446,903	448,295	(1,265,262)	54,377	(69,398)	60,262		(75,284)
(744,257)	(120,043)	33,071	(272,830)	(1,170,201)	(2,397)	(44,364)	3,994		(50,755)
11,254	(0)	11,254		(0)	43,034	19	43,053		0
(9,005)	0	(9,005)		0	7,110	0	7,110		(0)
361,525	(0)	0		361,525	(277,556)	6,923	0		(270,633)
0	0	0		0	0	0	0		0
0	0	0		0	0	0	0		0
0	(241,013)	0		(241,013)	0	222,003	0		222,003
0	0	0		0	0				0
(744,257)	(120,043)	33,071	(272,830)	(1,170,201)	(2,397)	(44,364)	3,994	0	(50,755)
1,333,279	1,821,427	(284,084)	448,295	3,887,085	(180,155)	242,930	98,147	0	(35,372)
589,022	1,701,384	(251,013)	175,465	2,716,884	(182,552)	198,566	102,141	0	(86,127)
0		0	92,241	92,241	0			6,875	6,875
0				0	0				0
589,022	1,701,384	(251,013)	267,706	2,809,125	(182,552)	198,566	102,141	6,875	(79,252)

2023				Projected Interest on Dec-31-2023 Balances						2.1.7 RRR ⁵	
Principal Disposition during 2023 - instructed by OEB	Interest Disposition during 2023 - instructed by OEB	Closing Principal Balances as of Dec 31, 2021 Adjusted for Disposition during 2023	Closing Interest Balances as of Dec 31, 2021 Adjusted for Disposition during 2023	Projected Interest from Jan 1, 2023 to Dec 31, 2023 on Dec 31, 2022 balance adjusted for disposition during 2023 ²	Projected Interest from Jan 1, 2024 to Apr 30, 2024 on Dec 31, 2022 balance adjusted for disposition during 2023 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2022	Variance RRR vs. 2022 Balance (Principal + Interest)	
		0	0	0		0	0		0	0	
		(139,731)	(1,650)	(6,871)		(8,521)	(148,252)		(141,381)	(0)	
		2,654,576	46,271	130,539		176,810	2,831,385		2,532,318	(168,528)	
		0	0	0		0	0		0	0	
		(162,362)	(6,167)	(7,984)		(14,151)	(176,513)		(168,528)	0	
		2,145,543	40,079	105,507		145,586	2,291,130		2,185,623	0	
		533,809	10,008	26,250		36,258	570,067		543,817	0	
		(1,265,262)	(75,284)	(62,219)		(137,503)	(1,402,765)		(1,788,841)	(448,295) Please provide an explanation of the variance in the Manager's Summary	
		(1,170,201)	(50,755)	(57,545)		(108,300)	(1,278,501)		(806,465)	414,491 Please provide an explanation of the variance in the Manager's Summary	
		(0)	0	(0)		0	0	No	0	(0)	
		0	(0)	0		(0)	0	No	0	0	
		361,525	(270,633)	17,778		(252,855)	108,670	Yes	90,892	0	
		0	0	0		0	0	No	0	0	
		0	0	0		0	0	No	0	0	
		(241,013)	222,003	(11,852)		210,151	0	No	(19,010)	0	
		0	0	0		0	0	No	0	0	
0	0	(1,170,201)	(50,755)	(57,545)	0	(108,300)	(1,278,501)		(806,465)	414,491	
0	0	3,887,085	(35,372)	191,147	0	155,775	4,073,722		3,403,418	(448,295)	
0	0	2,716,884	(86,127)	133,603	0	47,476	2,795,222		2,596,953	(33,804)	
		92,241	6,875			6,875	99,116		0	(99,116) Please provide an explanation of the variance in the Manager's Summary	
		0	0			0	0		0	0	
0	0	2,809,125	(79,252)	133,603	0	54,351	2,894,338		2,596,953	(132,920)	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Data on this worksheet has been populated using your most recent RRR filing.
 If you have identified any issues, please contact the OEB.
 Have you confirmed the accuracy of the data below? Yes

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	Account 1509 Allocation (\$ distribution revenue from last COS)	1595 Recovery Proportion (2019) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	313,169,933	0	5,188,946	0	0	0	313,169,933	0		20%	0	38,342
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	97,256,983	3,938	15,113,809	3,938	0	0	97,256,983	3,938		6%	130,965	2,893
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kW	581,552,628	1,504,114	553,205,617	1,437,827	5,780,814	11,417	575,771,814	1,492,697		73%	-31,849	445
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	25,511,349	61,775	0	0	25,511,349	61,775	0	0		-1%		1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	183,596	555	5,726	555	0	0	183,596	555		0%		476
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,481,112	13,329	4,481,112	13,329	0	0	4,481,112	13,329		2%		5,771
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,539,946	0	0	0	0	0	1,539,946	0		0%		402
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0	0	0	0		0%		
Total		1,023,695,547	1,583,712	577,995,211	1,455,649	31,292,164	73,192	992,403,383	1,510,520	0	100%	99,116	48,330

Threshold Test

Total Claim (including Account 1568 and 1509)	\$2,894,338
Total Claim for Threshold Test (All Group 1 Accounts)	\$2,795,222
Threshold Test (Total claim per kWh) ²	\$0.0027

Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

¹ Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.
² The Threshold Test does not include the amount in 1568.
³ The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.



Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

No input required. This worksheet allocates the deferral/variance account balances (Group 1 and Account 1568) to the appropriate classes as per EDDVAR dated July 31, 2009.

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP		allocated based on distribution revenues			
				1550	1551	1580	1584	1586	1588	1509	1595_(2019)	1568
RESIDENTIAL SERVICE CLASSIFICATION	30.6%	93.0%	31.6%	0	(137,851)	893,492	700,905	174,395	(442,667)		21,332	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	9.5%	7.0%	9.8%	0	(10,401)	277,480	217,671	54,160	(137,473)		7,053	130,965
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	56.8%	0.0%	58.0%	0	0	1,642,711	1,301,571	323,850	(813,855)		79,709	(31,849)
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	2.5%	0.0%	0.0%	0	0	0	57,097	14,207	0		(1,293)	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	524	411	102	(260)		22	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.5%	0	0	12,785	10,029	2,495	(6,334)		1,674	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	0	0	4,394	3,447	858	(2,177)		174	0
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0		0	0
Total	100.0%	100.0%	100.0%	0	(148,252)	2,831,385	2,291,130	570,067	(1,402,765)	0	108,670	99,116

** Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

1a The year Account 1589 GA was last disposed

1b The year Account 1580 CBR Class B was last disposed Note that the sub-account was established in 2015.

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)? (If you received approval to dispose of the GA account balance as at December 31, 2019, the period the GA variance accumulated would be 2020 to 2022.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)? (If you received approval to dispose of the CBR Class B account balance as at December 31, 2019, the period the CBR Class B variance accumulated would be 2020 to 2022.)

3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2022		2021	
			July to December	January to June	July to December	January to June
Customer 1	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh			2,271,543	1,754,922
		kW			4,874	3,931
		Class A/B			A	B
Customer 2	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh			1,860,297	1,431,758
		kW			4,075	3,439
		Class A/B			A	B
Customer 3	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh	930,187	942,087	939,507	849,955
		kW	2,542	2,522	2,615	3,480
		Class A/B	B	A	A	B
Customer 4	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh			432,698	192,539
		kW			11,716	10,439
		Class A/B			A	B
Customer 5	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh			3,824,816	4,095,856
		kW			7,825	7,646
		Class A/B			A	B
Customer 6	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh	4,941,499	4,211,110		
		kW	9,219	8,240		
		Class A/B	A	B		

3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. if a customer transitioned from Class B to A in 2021, exclude this customer's consumption for 2021 but include this customer's consumption in 2022 as they were a Class A customer for the full year).

Rate Classes with Class A Customers - Billing Determinants by Rate Class

Rate Class	Rate Class		2022		2021	
Rate Class 1	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kWh		238,034,507		218,052,648
		kW		581,202		533,906

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed 2020

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2022	2021
Non-RPP Consumption Less WMP Consumption	A	1,125,594,088	577,995,211	547,598,877
Less Class A Consumption for Partial Year Class A Customers	B	15,212,447	5,883,586	9,328,861
Less Consumption for Full Year Class A Customers	C	456,087,155	238,034,507	218,052,648
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	654,294,486	334,077,118	320,217,368
All Class B Consumption for Transition Customers	E	13,466,327	5,141,297	8,325,030
Transition Customers' Portion of Total Consumption	F = E/D	2.06%		

Allocation of Total GA Balance \$

Total GA Balance	G	-\$ 1,278,501
Transition Customers Portion of GA Balance	H=F*G	-\$ 26,313
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 1,252,187

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	6					
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2022	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2021	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments
Customer 1	1,754,922	0	1,754,922	13.03%	-\$ 3,429	-\$ 286
Customer 2	1,431,758	0	1,431,758	10.63%	-\$ 2,798	-\$ 233
Customer 3	1,780,142	930,187	849,955	13.22%	-\$ 3,478	-\$ 290
Customer 4	192,539	0	192,539	1.43%	-\$ 376	-\$ 31
Customer 5	4,095,856	0	4,095,856	30.42%	-\$ 8,003	-\$ 667
Customer 6	4,211,110	4,211,110	0	31.27%	-\$ 8,229	-\$ 686
Total	13,466,327	5,141,297	8,325,030	100.00%	-\$ 26,313	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements)

Default Rate Rider Recovery Period (in months)	12
Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2022 Consumption excluding WMP kWh	Total Metered 2022 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated kWh	Total Metered 2022 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated kWh	Non-RPP Metered 2022 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption) kWh	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	5,188,946	0	0	5,188,946	1.6%	(\$19,753)	(\$0.0038)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15,113,809	0	0	15,113,809	4.6%	(\$57,535)	(\$0.0038)	kWh
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	553,205,617	238,034,507	11,024,884	304,146,226	92.5%	(\$1,157,819)	(\$0.0038)	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	0	0	0	0	0.0%	\$0	\$0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	5,726	0	0	5,726	0.0%	(\$22)	(\$0.0038)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	4,481,112	0	0	4,481,112	3.4%	(\$17,059)	(\$0.0038)	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0	0	0	0	0.0%	\$0	\$0.0000	
STANDBY POWER SERVICE CLASSIFICATION	0	0	0	0	0.0%	\$0	\$0.0000	
Total	577,995,211	238,034,507	11,024,884	328,935,819	100.0%	(\$1,252,188)		



Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year Account 1580 CBR Class B was Last Disposed

2020

Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2022	2021
Total Consumption Less WMP Consumption	A	1,948,885,121	992,403,383	956,481,738
Less Class A Consumption for Partial Year Class A Customers	B	15,212,447	5,883,586	9,328,861
Less Consumption for Full Year Class A Customers	C	456,087,155	238,034,507	218,052,648
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,477,585,519	748,485,290	729,100,229
All Class B Consumption for Transition Customers	E	13,466,327	5,141,297	8,325,030
Transition Customers' Portion of Total Consumption	F = E/D	0.91%		

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$ 176,513
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$ 1,609
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 174,904

Allocation of CBR Class B Balances to Transition Customers

Customer	# of Class A/B Transition Customers	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2022	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2021	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments
Customer 1		1,754,922	-	1,754,922	13.03%	-\$ 210	-\$ 17
Customer 2		1,431,758	-	1,431,758	10.63%	-\$ 171	-\$ 14
Customer 3		1,780,142	930,187	849,955	13.22%	-\$ 213	-\$ 18
Customer 4		192,539	-	192,539	1.43%	-\$ 23	-\$ 2
Customer 5		4,095,856	-	4,095,856	30.42%	-\$ 489	-\$ 41
Customer 6		4,211,110	4,211,110	-	31.27%	-\$ 503	-\$ 42
Total		13,466,327	5,141,297	8,325,030	100.00%	-\$ 1,609	-\$ 134

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

2020

		Total Metered 2022 Consumption Minus WMP		Total Metered 2022 Consumption for Full Year Class A Customers		Total Metered 2022 Consumption for Transition Customers		Metered 2022 Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	313,169,933	0	0	0	0	0	313,169,933	0	42.1%	(\$73,687)	(\$0.0002)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	97,256,983	3,938	0	0	0	0	97,256,983	3,938	13.1%	(\$22,884)	(\$0.0002)	kWh
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kW	575,771,814	1,492,697	238,034,507	581,202	11,024,884	22,523	326,712,423	888,971	44.0%	(\$76,873)	(\$0.0865)	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	183,596	555	0	0	0	0	183,596	555	0.0%	(\$43)	(\$0.0775)	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,481,112	13,329	0	0	0	0	4,481,112	13,329	0.6%	(\$1,054)	(\$0.0791)	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,539,946	0	0	0	0	0	1,539,946	0	0.2%	(\$362)	(\$0.0002)	kWh
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0	0	0	0	0.0%	\$0		kVA
Total		992,403,383	1,510,520	238,034,507	581,202	11,024,884	22,523	743,343,993	906,794	100.0%	(\$174,903)		

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Input required at cells C13 and C14. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
Account 1509 Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Account 1509 Rate Rider ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	313,169,933	0	313,169,933	0	1,209,607	0.0039	0.0000	0.0000	0.00	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	97,256,983	3,938	97,256,983	3,938	408,489	0.0042	0.0000	0.0013	0.00	
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kW	581,552,628	1,504,114	575,771,814	1,492,697	1,705,131	1.1336	0.5553	(0.0212)	0.00	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	25,511,349	61,775	0	0	70,010	1.1333	0.0000	0.0000	0.00	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	183,596	555	183,596	555	799	1.4400	0.0000	0.0000	0.00	
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,481,112	13,329	4,481,112	13,329	20,649	1.5492	0.0000	0.0000	0.00	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,539,946	0	1,539,946	0	6,695	0.0043	0.0000	0.0000	0.00	
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0	0.0000	0.0000	0.0000	0.00	

¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

² Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

³ The amounts in this sub-account are recovered based on a monthly fixed charge, using the most recent calendar-year actual number of customers for each rate class as the denominator, similar to the recovery of other Account 1509 sub-accounts per the June 17, 2021 Report of the OEB, Regulatory Treatment of Impacts Arising from the COVID-19 Emergency (EB-2020-0133).

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2022	2024
OEB-Approved Rate Base	\$ 98,934,296	\$ 98,934,296
OEB-Approved Regulatory Taxable Income	\$ 1,410,031	\$ 1,410,031
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 211,505
Provincial Taxes Payable		\$ 162,154
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	\$ 373,658	\$ 373,658
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 373,658	\$ 373,658
Grossed-up Income Taxes	\$ 508,379	\$ 508,379
Incremental Grossed-up Tax Amount		\$ -
Sharing of Tax Amount (50%)		\$ -

Notes

1. The appropriate Federal and Ontario small business rates are calculated in the Income/PILs Workform. The Federal and Ontario small business deduction:

- a. is applicable if taxable capital is below \$10 million.
- b. is phased out with taxable capital of more than \$10 million.
- c. is completely eliminated when the taxable capital is \$50 million or more.

This is effective for taxation years starting in 2022. Prior to 2022, the small business deduction was completely eliminated when taxable capital was \$15 million or more.

2. The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	38,848	317,426,903	0	24.35	0.0000	0.0000	11,351,386	0	0	11,351,386	100.0%	0.0%	0.0%	58.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,833	81,996,232	0	31.88	0.0084	0.0000	1,083,792	688,768	0	1,772,561	61.1%	38.9%	0.0%	9.2%
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kW	508	518,033,780	1,386,658	245.54	0.0000	2.9683	1,496,812	0	4,116,016	5,612,828	26.7%	0.0%	73.3%	29.1%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	2	43,894,456	102,609	375.73	0.0000	2.0852	9,018	0	213,960	222,978	4.0%	0.0%	96.0%	1.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	475	154,397	462	4.39	0.0000	21.0374	25,023	0	9,719	34,742	72.0%	0.0%	28.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,771	6,679,040	19,590	1.50	0.0000	6.2997	103,878	0	123,409	227,287	45.7%	0.0%	54.3%	1.2%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	402	1,502,722		13.59	0.0095	0.0000	65,558	14,276	0	79,834	82.1%	17.9%	0.0%	0.4%
STANDBY POWER SERVICE CLASSIFICATION	kVA							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		48,839	969,687,530	1,509,318				14,135,467	703,044	4,463,104	19,301,615				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	313,169,933	0	0	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	97,256,983	3,938	0	0.0000 kWh
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kW	581,552,628	1,504,114	0	0.0000 kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	25,511,349	61,775	0	0.0000 kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	183,596	555	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,481,112	13,329	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,539,946	0	0	0.0000 kWh
STANDBY POWER SERVICE CLASSIFICATION	kVA			0	kVA
Total		1,023,695,547	1,583,712	\$0	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0107	313,169,933	0	1.0290	322,251,861
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063	313,169,933	0	1.0290	322,251,861
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0095	97,256,983	3,938	1.0290	100,077,435
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	97,256,983	3,938	1.0290	100,077,435
General Service Greater Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2513	581,552,628	1,504,114		
General Service Greater Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8887	581,552,628	1,504,114		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2513	25,511,349	61,775		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8887	25,511,349	61,775		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0359	183,596	555		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7640	183,596	555		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.1279	4,481,112	13,329		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7435	4,481,112	13,329		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057	1,539,946	0	1.0290	1,584,604
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	1,539,946	0	1.0290	1,584,604

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Uniform Transmission Rates		Unit	2022 Jan to Mar		2022 Apr to Dec		2023 Jan to Jun		2023 Jul to Dec		2024
Rate Description			Rate				Rate				
Network Service Rate	kW	\$	5.13	\$	5.46	\$	5.60	\$	5.37	\$	5.37
Line Connection Service Rate	kW	\$	0.88	\$	0.88	\$	0.92	\$	0.88	\$	0.88
Transformation Connection Service Rate	kW	\$	2.81	\$	2.81	\$	3.10	\$	2.98	\$	2.98

Hydro One Sub-Transmission Rates		Unit	2022		2023		2024
Rate Description			Rate				Rate
Network Service Rate	kW	\$		4.3473	\$	4.6545	\$ 4.6545
Line Connection Service Rate	kW	\$		0.6788	\$	0.6056	\$ 0.6056
Transformation Connection Service Rate	kW	\$		2.3267	\$	2.8924	\$ 2.8924
Both Line and Transformation Connection Service Rate	kW	\$		3.0055	\$	3.4980	\$ 3.4980

If needed, add extra host here. (I)		Unit	2022		2023		2024
Rate Description			Rate				Rate
Network Service Rate	kW	\$		3.85	\$	3.98	\$ 3.98
Line Connection Service Rate	kW	\$		1.89	\$	1.81	\$ 1.81
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$		1.89	\$	1.81	\$ 1.81

If needed, add extra host here. (II)		Unit	2021		2022		2023
Rate Description			Rate				Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2021		Current 2022		Forecast 2023

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in red, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	156,715	\$5.13	\$ 803,948	163,084	\$0.88	\$ 143,514	128,431	\$2.81	\$ 360,891	\$ 504,405
February	147,087	\$5.13	\$ 754,556	156,962	\$0.88	\$ 138,127	122,331	\$2.81	\$ 343,750	\$ 481,877
March	144,157	\$5.13	\$ 739,525	151,394	\$0.88	\$ 133,227	111,932	\$2.81	\$ 314,529	\$ 447,756
April	122,969	\$5.46	\$ 671,411	180,334	\$0.88	\$ 158,693	150,683	\$2.81	\$ 423,420	\$ 582,113
May	180,703	\$5.46	\$ 986,638	187,021	\$0.88	\$ 164,578	138,511	\$2.81	\$ 389,216	\$ 553,794
June	191,826	\$5.46	\$ 1,047,370	201,027	\$0.88	\$ 176,904	148,870	\$2.81	\$ 418,325	\$ 595,228
July	190,789	\$5.46	\$ 1,041,708	194,221	\$0.88	\$ 170,914	142,068	\$2.81	\$ 399,211	\$ 570,126
August	185,600	\$5.46	\$ 1,013,376	190,005	\$0.88	\$ 167,204	142,654	\$2.81	\$ 400,858	\$ 568,062
September	161,478	\$5.46	\$ 881,670	169,704	\$0.88	\$ 149,340	125,227	\$2.81	\$ 351,888	\$ 501,227
October	124,333	\$5.46	\$ 678,858	135,012	\$0.88	\$ 118,811	100,931	\$2.81	\$ 283,616	\$ 402,427
November	140,159	\$5.46	\$ 765,268	146,957	\$0.88	\$ 129,322	111,697	\$2.81	\$ 313,869	\$ 443,191
December	147,130	\$5.46	\$ 803,330	148,139	\$0.88	\$ 130,362	108,834	\$2.81	\$ 305,824	\$ 436,186
Total	1,892,946	\$ 5.38	\$ 10,187,659	2,023,860	\$ 0.88	\$ 1,780,996	1,532,169	\$ 2.81	\$ 4,305,395	\$ 6,086,392

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	20	\$ 3.8521	\$ 76	21	\$ 1.8983	\$ 39		\$ -		\$ 39
February	19	\$ 3.8521	\$ 75	21	\$ 1.8946	\$ 39		\$ -		\$ 39
March	23	\$ 3.8521	\$ 89	23	\$ 1.8946	\$ 44		\$ -		\$ 44
April	20	\$ 3.8521	\$ 76	21	\$ 1.8943	\$ 39		\$ -		\$ 39
May	116	\$ 3.8521	\$ 448	147	\$ 1.8946	\$ 279		\$ -		\$ 279
June	193	\$ 3.8521	\$ 743	226	\$ 1.8946	\$ 429		\$ -		\$ 429
July	217	\$ 3.8521	\$ 837	237	\$ 1.8946	\$ 449		\$ -		\$ 449
August	184	\$ 3.8521	\$ 709	235	\$ 1.8946	\$ 444		\$ -		\$ 444
September	173	\$ 3.8521	\$ 668	230	\$ 1.8946	\$ 437		\$ -		\$ 437
October	101	\$ 3.8521	\$ 389	120	\$ 1.8946	\$ 228		\$ -		\$ 228
November	21	\$ 3.8521	\$ 82	22	\$ 1.8946	\$ 42		\$ -		\$ 42
December	19	\$ 3.8521	\$ 72	19	\$ 1.8946	\$ 36		\$ -		\$ 36
Total	1,107	\$ 3.85	\$ 4,264	1,322	\$ 1.89	\$ 2,504	-	\$ -	\$ -	\$ 2,504

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -			\$ -			\$ -		\$ -
February		\$ -			\$ -			\$ -		\$ -
March		\$ -			\$ -			\$ -		\$ -
April		\$ -			\$ -			\$ -		\$ -
May		\$ -			\$ -			\$ -		\$ -
June		\$ -			\$ -			\$ -		\$ -
July		\$ -			\$ -			\$ -		\$ -
August		\$ -			\$ -			\$ -		\$ -
September		\$ -			\$ -			\$ -		\$ -
October		\$ -			\$ -			\$ -		\$ -
November		\$ -			\$ -			\$ -		\$ -
December		\$ -			\$ -			\$ -		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	156,735	\$ 5.1298	\$ 804,024	163,105	\$ 0.8801	\$ 143,553	128,431	\$ 2.8100	\$ 360,891	\$ 504,444
February	147,106	\$ 5.1298	\$ 754,631	156,983	\$ 0.8801	\$ 138,166	122,331	\$ 2.8100	\$ 343,750	\$ 481,916
March	144,180	\$ 5.1298	\$ 739,615	151,417	\$ 0.8802	\$ 133,271	111,932	\$ 2.8100	\$ 314,529	\$ 447,800
April	122,989	\$ 5.4597	\$ 671,487	180,354	\$ 0.8801	\$ 158,733	150,683	\$ 2.8100	\$ 423,420	\$ 582,152
May	180,819	\$ 5.4590	\$ 987,057	187,168	\$ 0.8808	\$ 164,857	138,511	\$ 2.8100	\$ 389,216	\$ 554,073
June	192,019	\$ 5.4584	\$ 1,048,113	201,253	\$ 0.8811	\$ 177,333	148,870	\$ 2.8100	\$ 418,325	\$ 595,658
July	191,006	\$ 5.4582	\$ 1,042,545	194,458	\$ 0.8812	\$ 171,364	142,068	\$ 2.8100	\$ 399,211	\$ 570,575
August	185,784	\$ 5.4584	\$ 1,014,085	190,240	\$ 0.8813	\$ 167,649	142,654	\$ 2.8100	\$ 400,858	\$ 568,507
September	161,651	\$ 5.4583	\$ 882,338	169,934	\$ 0.8814	\$ 149,776	125,227	\$ 2.8100	\$ 351,888	\$ 501,664
October	124,434	\$ 5.4587	\$ 679,247	135,132	\$ 0.8809	\$ 119,038	100,931	\$ 2.8100	\$ 283,616	\$ 402,654
November	140,180	\$ 5.4598	\$ 765,350	146,979	\$ 0.8802	\$ 129,364	111,697	\$ 2.8100	\$ 313,869	\$ 443,232
December	147,149	\$ 5.4598	\$ 803,402	148,158	\$ 0.8801	\$ 130,398	108,834	\$ 2.8100	\$ 305,824	\$ 436,221
Total	1,894,053	\$ 5.38	\$ 10,191,923	2,025,181	\$ 0.88	\$ 1,783,501	1,532,169	\$ 2.81	\$ 4,305,395	\$ 6,088,896

Low Voltage Switchgear Credit (if applicable) \$ -
Total including deduction for Low Voltage Switchgear Credit \$ 6,088,896

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0107	322,251,861	0	3,448,095	36.1%	3,753,107	0.0116
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0095	100,077,435	3,938	950,736	10.0%	1,034,836	0.0103
General Service Greater Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2513		1,504,114	4,890,326	51.2%	5,322,915	3.5389
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2513		61,775	200,850	2.1%	218,617	3.5389
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0359		555	1,685	0.0%	1,834	3.3044
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.1279		13,329	41,692	0.4%	45,380	3.4046
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057	1,584,604	0	9,032	0.1%	9,831	0.0062

The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063	322,251,861	0	2,030,187	36.4%	2,359,649	0.0073
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	100,077,435	3,938	560,434	10.0%	651,382	0.0065
General Service Greater Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8887		1,504,114	2,840,820	50.9%	3,301,834	2.1952
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8887		61,775	116,675	2.1%	135,609	2.1952
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7640		555	979	0.0%	1,138	2.0503
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7435		13,329	23,239	0.4%	27,011	2.0264
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056	1,584,604	0	8,874	0.2%	10,314	0.0065

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0116	322,251,861	0	3,753,107	36.1%	3,674,697	0.0114
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0103	100,077,435	3,938	1,034,836	10.0%	1,013,216	0.0101
General Service Greater Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5389		1,504,114	5,322,915	51.2%	5,211,709	3.4650
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5389		61,775	218,617	2.1%	214,050	3.4650
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.3044		555	1,834	0.0%	1,796	3.2354
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4046		13,329	45,380	0.4%	44,432	3.3335
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	1,584,604	0	9,831	0.1%	9,626	0.0061

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0073	322,251,861	0	2,359,649	36.4%	2,309,566	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	100,077,435	3,938	651,382	10.0%	637,556	0.0064
General Service Greater Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1952		1,504,114	3,301,834	50.9%	3,231,753	2.1486
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1952		61,775	135,609	2.1%	132,731	2.1486
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0503		555	1,138	0.0%	1,114	2.0068
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0264		13,329	27,011	0.4%	26,437	1.9834
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	1,584,604	0	10,314	0.2%	10,095	0.0064

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2022 value and will be updated by OEB staff at a later date.

Price Escalator	4.80%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	4.65%
Associated Stretch Factor Value	0.15%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	28.79				4.65%	30.13	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	32.96		0.0119		4.65%	34.49	0.0125
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	253.89		3.6159		4.65%	265.70	3.7840
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	547.05		2.7828		4.65%	572.49	2.9122
SENTINEL LIGHTING SERVICE CLASSIFICATION	5.25		25.1909		4.65%	5.49	26.3623
STREET LIGHTING SERVICE CLASSIFICATION	1.78		7.4476		4.65%	1.86	7.7939
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	9.56		0.0067		4.65%	10.00	0.0070
STANDBY POWER SERVICE CLASSIFICATION	0		1.8634		4.65%	0.00	1.9500
MICROFIT SERVICE CLASSIFICATION	4.55					4.55	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Update the following rates if an OEB Decision has been issued at the time of completing this application

Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2023	January 1, 2024
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices and Percentages

As of	November 1, 2022		
Off-Peak	\$/kWh	0.0740	63%
Mid-Peak	\$/kWh	0.1020	18%
On-Peak	\$/kWh	0.1510	19%

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.42
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	\$	39.49
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Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	36.05	4.80%	37.78

Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	111.66	4.80%	117.02
Monthly fixed charge, per retailer	\$	44.67	4.80%	46.81
Monthly variable charge, per customer, per retailer	\$/cust.	1.11	4.80%	1.16
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66	4.80%	0.69
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)	4.80%	(0.69)
Service Transaction Requests (STR)			4.80%	-
Request fee, per request, applied to the requesting party	\$	0.56	4.80%	0.59
Processing fee, per request, applied to the requesting party	\$	1.11	4.80%	1.16
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.47	4.80%	4.68
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)	\$	2.23	4.80%	2.34

* OEB approved inflation rate effective in 2024

** applicable only to LDCs in which the province-wide pole attachment charge applies

*** subject to change pending OEB order on miscellaneous service charges

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

In the Green Cells below, enter all proposed rate riders/rates.
 In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with "Rate Rider for".
 In column B, choose the associated unit from the drop-down menu.
 In column C, enter the rate. All rate riders with a "S" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.
 In column D, enter the expiry date (e.g. April 30, 2023) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
 In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

STANDBY POWER SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

MICROFIT SERVICE CLASSIFICATION	UNIT	RATE	DATE (e.g. April 30, 2024)	SUB-TOTAL
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	



Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **Those distributors that are still in the process of moving to fully fixed residential rates should refer to section 3.2.3 of Chapter 3 of the Filing Requirements for Incentive Rate-Setting Applications.**

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA of \$0.1076/kWh (IESO's Monthly Market Report for May 2023) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

 Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Table 1

RATE CLASSES / CATEGORIES <i>(eg: Residential TOU, Residential Retailer)</i>	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor <i>(eg: 1.0351)</i>	Proposed Loss Factor	Consumption (kWh)	Demand kW <i>(if applicable)</i>	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes <i>(e.g. # of devices/connections).</i>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.029	1.029	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.029	1.029	2,000		CONSUMPTION	
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.029	1.029	100,000	250	DEMAND	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.029	1.029	2,000,000	12,000	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.029	1.029	55	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.029	1.029	622,000	1,900	CONSUMPTION	5,849
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	1.029	1.029	280		CONSUMPTION	1
STANDBY POWER SERVICE CLASSIFICATION	kVA	Non-RPP (Other)	1.029	1.029	-			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.029	1.029	700		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.029	1.029	2,500		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.029	1.029	261		CONSUMPTION	
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				
Add additional scenarios if required			1.029	1.029				

Table 2

RATE CLASSES / CATEGORIES <i>(eg: Residential TOU, Residential Retailer)</i>	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.34	4.7%	\$ 4.12	13.2%	\$ 5.35	12.1%	\$ 5.42	4.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 5.33	9.4%	\$ 13.33	21.3%	\$ 16.21	17.3%	\$ 16.42	5.6%
GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 48.54	4.2%	\$ 69.14	6.0%	\$ 187.79	7.7%	\$ 212.20	1.3%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1,578.24	4.6%	\$ 15,177.84	44.7%	\$ 20,873.04	21.8%	\$ 23,586.54	6.4%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ 1.41	4.6%	\$ 2.56	8.4%	\$ 3.01	8.5%	\$ 3.40	7.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ 1,125.89	4.6%	\$ 1,555.48	6.3%	\$ 2,403.64	7.1%	\$ 2,716.11	2.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$ 0.52	4.6%	\$ 1.67	13.6%	\$ 2.02	13.0%	\$ 2.28	4.3%
STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kVA	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.34	4.7%	\$ 3.93	12.6%	\$ 5.08	11.7%	\$ 5.15	4.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 6.28	10.0%	\$ 16.28	23.3%	\$ 19.88	18.3%	\$ 20.14	5.6%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.34	4.7%	\$ 2.31	7.7%	\$ 2.74	7.9%	\$ 2.77	4.5%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.79	1	\$ 28.79	\$ 30.13	1	\$ 30.13	\$ 1.34	4.65%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 28.79			\$ 30.13	\$ 1.34	4.65%
Line Losses on Cost of Power	\$ 0.0937	22	\$ 2.04	\$ 0.0937	22	\$ 2.04	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0039	750	\$ 2.93	\$ 2.93	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ 0.0002	750	\$ (0.15)	\$ (0.15)	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31.25			\$ 35.36	\$ 4.12	13.17%
RTSR - Network	\$ 0.0107	772	\$ 8.26	\$ 0.0114	772	\$ 8.80	\$ 0.54	6.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0063	772	\$ 4.86	\$ 0.0072	772	\$ 5.56	\$ 0.69	14.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 44.37			\$ 49.72	\$ 5.35	12.06%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	772	\$ 3.47	\$ 0.0045	772	\$ 3.47	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	772	\$ 0.54	\$ 0.0007	772	\$ 0.54	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	473	\$ 34.97	\$ 0.0740	473	\$ 34.97	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	135	\$ 13.77	\$ 0.1020	135	\$ 13.77	\$ -	0.00%
TOU - On Peak	\$ 0.1510	143	\$ 21.52	\$ 0.1510	143	\$ 21.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 118.88			\$ 124.23	\$ 5.35	4.50%
HST	13%		\$ 15.45	13%		\$ 16.15	\$ 0.70	4.50%
Ontario Electricity Rebate	11.7%		\$ (13.91)	11.7%		\$ (14.54)	\$ (0.63)	
Total Bill on TOU			\$ 120.43			\$ 125.85	\$ 5.42	4.50%

In the manager's summary, discuss the reasoning for the change in RTSR rates
In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.96	1	\$ 32.96	\$ 34.49	1	\$ 34.49	\$ 1.53	4.64%
Distribution Volumetric Rate	\$ 0.0119	2000	\$ 23.80	\$ 0.0125	2000	\$ 25.00	\$ 1.20	5.04%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0013	2000	\$ 2.60	\$ 2.60	
Sub-Total A (excluding pass through)			\$ 56.76			\$ 62.09	\$ 5.33	9.39%
Line Losses on Cost of Power	\$ 0.0937	58	\$ 5.43	\$ 0.0937	58	\$ 5.43	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ 0.0042	2,000	\$ 8.40	\$ 8.40	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ 0.0002	2,000	\$ (0.40)	\$ (0.40)	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 62.61			\$ 75.94	\$ 13.33	21.29%
RTSR - Network	\$ 0.0095	2,058	\$ 19.55	\$ 0.0101	2,058	\$ 20.79	\$ 1.23	6.32%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0056	2,058	\$ 11.52	\$ 0.0064	2,058	\$ 13.17	\$ 1.65	14.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 93.69			\$ 109.90	\$ 16.21	17.30%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	2,058	\$ 9.26	\$ 0.0045	2,058	\$ 9.26	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	2,058	\$ 1.44	\$ 0.0007	2,058	\$ 1.44	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	1,260	\$ 93.24	\$ 0.0740	1,260	\$ 93.24	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	360	\$ 36.72	\$ 0.1020	360	\$ 36.72	\$ -	0.00%
TOU - On Peak	\$ 0.1510	380	\$ 57.38	\$ 0.1510	380	\$ 57.38	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 291.98			\$ 308.19	\$ 16.21	5.55%
HST	13%		\$ 37.96	13%		\$ 40.06	\$ 2.11	5.55%
Ontario Electricity Rebate	11.7%		\$ (34.16)	11.7%		\$ (36.06)	\$ (1.90)	
Total Bill on TOU			\$ 295.78			\$ 312.20	\$ 16.42	5.55%

In the manager's summary, discuss the reasoning for the change in RTSR rates
In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	100,000	kWh
Demand	250	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 253.89	1	\$ 253.89	\$ 265.70	1	\$ 265.70	\$ 11.81	4.65%
Distribution Volumetric Rate	\$ 3.6159	250	\$ 903.98	\$ 3.7840	250	\$ 946.00	\$ 42.03	4.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	250	\$ -	\$ 0.0212	250	\$ (5.30)	\$ (5.30)	
Sub-Total A (excluding pass through)			\$ 1,157.87			\$ 1,206.40	\$ 48.54	4.19%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	250	\$ -	\$ 1.6889	250	\$ 422.23	\$ 422.23	
CBR Class B Rate Riders	\$ -	250	\$ -	\$ 0.0865	250	\$ (21.63)	\$ (21.63)	
GA Rate Riders	\$ -	100,000	\$ -	\$ 0.0038	100,000	\$ (380.00)	\$ (380.00)	
Low Voltage Service Charge	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	250	\$ -	\$ -	250	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,157.87			\$ 1,227.00	\$ 69.14	5.97%
RTSR - Network	\$ 3.2513	250	\$ 812.83	\$ 3.4656	250	\$ 866.40	\$ 53.57	6.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8887	250	\$ 472.18	\$ 2.1490	250	\$ 537.25	\$ 65.08	13.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,442.87			\$ 2,630.65	\$ 187.79	7.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	102,900	\$ 463.05	\$ 0.0045	102,900	\$ 463.05	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	102,900	\$ 72.03	\$ 0.0007	102,900	\$ 72.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	102,900	\$ 11,072.04	\$ 0.1076	102,900	\$ 11,072.04	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 14,050.24			\$ 14,238.02	\$ 187.79	1.34%
HST	13%		\$ 1,826.53	13%		\$ 1,850.94	\$ 24.41	1.34%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 15,876.77			\$ 16,088.96	\$ 212.20	1.34%

In the manager's summary, discuss the reasoning for the change in RTSR rates

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	2,000,000	kWh
Demand	12,000	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 547.05	1	\$ 547.05	\$ 572.49	1	\$ 572.49	\$ 25.44	4.65%
Distribution Volumetric Rate	\$ 2.7828	12000	\$ 33,393.60	\$ 2.9122	12000	\$ 34,946.40	\$ 1,552.80	4.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	12000	\$ -	\$ -	12000	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 33,940.65			\$ 35,518.89	\$ 1,578.24	4.65%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	12,000	\$ -	\$ 1.1333	12,000	\$ 13,599.60	\$ 13,599.60	
CBR Class B Rate Riders	\$ -	12,000	\$ -	\$ -	12,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	12,000	\$ -	\$ -	12,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	12,000	\$ -	\$ -	12,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 33,940.65			\$ 49,118.49	\$ 15,177.84	44.72%
RTSR - Network	\$ 3.2513	12,000	\$ 39,015.60	\$ 3.4656	12,000	\$ 41,587.20	\$ 2,571.60	6.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8887	12,000	\$ 22,664.40	\$ 2.1490	12,000	\$ 25,788.00	\$ 3,123.60	13.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 95,620.65			\$ 116,493.69	\$ 20,873.04	21.83%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	2,058,000	\$ 9,261.00	\$ 0.0045	2,058,000	\$ 9,261.00	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	2,058,000	\$ 1,440.60	\$ 0.0007	2,058,000	\$ 1,440.60	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	2,058,000	\$ 221,440.80	\$ 0.1076	2,058,000	\$ 221,440.80	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 327,763.30			\$ 348,636.34	\$ 20,873.04	6.37%
HST	13%		\$ 42,609.23	13%		\$ 45,322.72	\$ 2,713.50	6.37%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 370,372.53			\$ 393,959.06	\$ 23,586.54	6.37%

In the manager's summary, discuss the reasoning for the change in RTSR rates

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	55	kWh
Demand	1	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.25	1	\$ 5.25	\$ 5.49	1	\$ 5.49	\$ 0.24	4.57%
Distribution Volumetric Rate	\$ 25.1909	1	\$ 25.19	\$ 26.3623	1	\$ 26.36	\$ 1.17	4.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 30.44			\$ 31.85	\$ 1.41	4.64%
Line Losses on Cost of Power	\$ 0.1076	2	\$ 0.17	\$ 0.1076	2	\$ 0.17	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ 1.4400	1	\$ 1.44	\$ 1.44	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ 0.0775	1	\$ (0.08)	\$ (0.08)	
GA Rate Riders	\$ -	55	\$ -	\$ 0.0038	55	\$ (0.21)	\$ (0.21)	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.61			\$ 33.18	\$ 2.56	8.38%
RTSR - Network	\$ 3.0359	1	\$ 3.04	\$ 3.2359	1	\$ 3.24	\$ 0.20	6.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7640	1	\$ 1.76	\$ 2.0068	1	\$ 2.01	\$ 0.24	13.76%
Sub-Total C - Delivery (including Sub-Total B)			\$ 35.41			\$ 38.42	\$ 3.01	8.49%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	57	\$ 0.25	\$ 0.0045	57	\$ 0.25	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	57	\$ 0.04	\$ 0.0007	57	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1076	55	\$ 5.92	\$ 0.1076	55	\$ 5.92	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 41.62			\$ 44.63	\$ 3.01	7.23%
HST	13%		\$ 5.41	13%		\$ 5.80	\$ 0.39	7.23%
Ontario Electricity Rebate	11.7%		\$ (4.87)	11.7%		\$ (5.22)	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 47.04			\$ 50.43	\$ 3.40	7.23%

In the manager's summary, discuss the reasoning for the change in RTSR rates

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	622,000	kWh
Demand	1,900	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.78	5849	\$ 10,411.22	\$ 1.86	5849	\$ 10,879.14	\$ 467.92	4.49%
Distribution Volumetric Rate	\$ 7.4476	1900	\$ 14,150.44	\$ 7.7939	1900	\$ 14,808.41	\$ 657.97	4.65%
Fixed Rate Riders	\$ -	5849	\$ -	\$ -	5849	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1900	\$ -	\$ -	1900	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 24,561.66			\$ 25,687.55	\$ 1,125.89	4.58%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,900	\$ -	\$ 1.5492	1,900	\$ 2,943.48	\$ 2,943.48	
CBR Class B Rate Riders	\$ -	1,900	\$ -	\$ 0.0791	1,900	\$ (150.29)	\$ (150.29)	
GA Rate Riders	\$ -	622,000	\$ -	\$ 0.0038	622,000	\$ (2,363.60)	\$ (2,363.60)	
Low Voltage Service Charge	\$ -	1,900	\$ -	\$ -	1,900	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	5849	\$ -	\$ -	5849	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	5849	\$ -	\$ -	5849	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1,900	\$ -	\$ -	1,900	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 24,561.66			\$ 26,117.14	\$ 1,555.48	6.33%
RTSR - Network	\$ 3.1279	1,900	\$ 5,943.01	\$ 3.3340	1,900	\$ 6,334.60	\$ 391.59	6.59%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7435	1,900	\$ 3,312.65	\$ 1.9838	1,900	\$ 3,769.22	\$ 456.57	13.78%
Sub-Total C - Delivery (including Sub-Total B)			\$ 33,817.32			\$ 36,220.96	\$ 2,403.64	7.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	640,038	\$ 2,880.17	\$ 0.0045	640,038	\$ 2,880.17	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	640,038	\$ 448.03	\$ 0.0007	640,038	\$ 448.03	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1076	640,038	\$ 68,868.09	\$ 0.1076	640,038	\$ 68,868.09	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 106,013.61			\$ 108,417.25	\$ 2,403.64	2.27%
HST	13%		\$ 13,781.77	13%		\$ 14,094.24	\$ 312.47	2.27%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Non-RPP Avg. Price			\$ 119,795.38			\$ 122,511.49	\$ 2,716.11	2.27%

In the manager's summary, discuss the reasoning for the change in RTSR rates

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	280	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9.56	1	\$ 9.56	\$ 10.00	1	\$ 10.00	\$ 0.44	4.60%
Distribution Volumetric Rate	\$ 0.0067	280	\$ 1.88	\$ 0.0070	280	\$ 1.96	\$ 0.08	4.48%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	280	\$ -	\$ -	280	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 11.44			\$ 11.96	\$ 0.52	4.58%
Line Losses on Cost of Power	\$ 0.1076	8	\$ 0.87	\$ 0.1076	8	\$ 0.87	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	280	\$ -	\$ 0.0043	280	\$ 1.20	\$ 1.20	
CBR Class B Rate Riders	\$ -	280	\$ -	\$ 0.0002	280	\$ (0.06)	\$ (0.06)	
GA Rate Riders	\$ -	280	\$ -	\$ -	280	\$ -	\$ -	
Low Voltage Service Charge	\$ -	280	\$ -	\$ -	280	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	280	\$ -	\$ -	280	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 12.31			\$ 13.98	\$ 1.67	13.58%
RTSR - Network	\$ 0.0057	288	\$ 1.64	\$ 0.0061	288	\$ 1.76	\$ 0.12	7.02%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0056	288	\$ 1.61	\$ 0.0064	288	\$ 1.84	\$ 0.23	14.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 15.57			\$ 17.58	\$ 2.02	12.96%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	288	\$ 1.30	\$ 0.0045	288	\$ 1.30	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	288	\$ 0.20	\$ 0.0007	288	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	280	\$ 30.13	\$ 0.1076	280	\$ 30.13	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 47.44			\$ 49.46	\$ 2.02	4.25%
HST	13%		\$ 6.17	13%		\$ 6.43	\$ 0.26	4.25%
Ontario Electricity Rebate	11.7%		\$ (5.55)	11.7%		\$ (5.79)	\$ (0.24)	
Total Bill on Average IESO Wholesale Market Price			\$ 53.61			\$ 55.89	\$ 2.28	4.25%

In the manager's summary, discuss the reasoning for the change in RTSR rates

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	STANDBY POWER SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	-	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.8634	0	\$ -	\$ 1.9500	0	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ -			\$ -	\$ -	
Line Losses on Cost of Power	\$ 0.1076	-	\$ -	\$ 0.1076	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
GA Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ -			\$ -	\$ -	
RTSR - Network	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ -			\$ -	\$ -	
Wholesale Market Service Charge (WMSC)	\$ 0.0045	-	\$ -	\$ 0.0045	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	-	\$ -	\$ 0.0007	-	\$ -	\$ -	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	-	\$ -	\$ 0.1076	-	\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 0.25			\$ 0.25	\$ -	0.00%
HST	13%		\$ 0.03	13%		\$ 0.03	\$ -	0.00%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 0.28			\$ 0.28	\$ -	0.00%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	700	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.79	1	\$ 28.79	\$ 30.13	1	\$ 30.13	\$ 1.34	4.65%
Distribution Volumetric Rate	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 28.79			\$ 30.13	\$ 1.34	4.65%
Line Losses on Cost of Power	\$ 0.0937	20	\$ 1.90	\$ 0.0937	20	\$ 1.90	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	700	\$ -	\$ 0.0039	700	\$ 2.73	\$ 2.73	
CBR Class B Rate Riders	\$ -	700	\$ -	\$ 0.0002	700	\$ (0.14)	\$ (0.14)	
GA Rate Riders	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Low Voltage Service Charge	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31.11			\$ 35.04	\$ 3.93	12.63%
RTSR - Network	\$ 0.0107	720	\$ 7.71	\$ 0.0114	720	\$ 8.21	\$ 0.50	6.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0063	720	\$ 4.54	\$ 0.0072	720	\$ 5.19	\$ 0.65	14.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 43.36			\$ 48.44	\$ 5.08	11.72%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	720	\$ 3.24	\$ 0.0045	720	\$ 3.24	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	720	\$ 0.50	\$ 0.0007	720	\$ 0.50	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	441	\$ 32.63	\$ 0.0740	441	\$ 32.63	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	126	\$ 12.85	\$ 0.1020	126	\$ 12.85	\$ -	0.00%
TOU - On Peak	\$ 0.1510	133	\$ 20.08	\$ 0.1510	133	\$ 20.08	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 112.92			\$ 118.00	\$ 5.08	4.50%
HST	13%		\$ 14.68	13%		\$ 15.34	\$ 0.66	4.50%
Ontario Electricity Rebate	11.7%		\$ (13.21)	11.7%		\$ (13.81)	\$ (0.59)	
Total Bill on TOU			\$ 114.39			\$ 119.54	\$ 5.15	4.50%

In the manager's summary, discuss the reasoning for the change in RTSR rates
In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,500	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 32.96	1	\$ 32.96	\$ 34.49	1	\$ 34.49	\$ 1.53	4.64%
Distribution Volumetric Rate	\$ 0.0119	2500	\$ 29.75	\$ 0.0125	2500	\$ 31.25	\$ 1.50	5.04%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2500	\$ -	\$ 0.0013	2500	\$ 3.25	\$ 3.25	-
Sub-Total A (excluding pass through)			\$ 62.71			\$ 68.99	\$ 6.28	10.01%
Line Losses on Cost of Power	\$ 0.0937	73	\$ 6.79	\$ 0.0937	73	\$ 6.79	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,500	\$ -	\$ 0.0042	2,500	\$ 10.50	\$ 10.50	-
CBR Class B Rate Riders	\$ -	2,500	\$ -	\$ 0.0002	2,500	\$ (0.50)	\$ (0.50)	-
GA Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,500	\$ -	\$ -	2,500	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 69.92			\$ 86.20	\$ 16.28	23.28%
RTSR - Network	\$ 0.0095	2,573	\$ 24.44	\$ 0.0101	2,573	\$ 25.98	\$ 1.54	6.32%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0056	2,573	\$ 14.41	\$ 0.0064	2,573	\$ 16.46	\$ 2.06	14.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 108.77			\$ 128.65	\$ 19.88	18.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	2,573	\$ 11.58	\$ 0.0045	2,573	\$ 11.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	2,573	\$ 1.80	\$ 0.0007	2,573	\$ 1.80	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	1,575	\$ 116.55	\$ 0.0740	1,575	\$ 116.55	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	450	\$ 45.90	\$ 0.1020	450	\$ 45.90	\$ -	0.00%
TOU - On Peak	\$ 0.1510	475	\$ 71.73	\$ 0.1510	475	\$ 71.73	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 356.57			\$ 376.45	\$ 19.88	5.58%
HST	13%		\$ 46.35	13%		\$ 48.94	\$ 2.58	5.58%
Ontario Electricity Rebate	11.7%		\$ (41.72)	11.7%		\$ (44.04)	\$ (2.33)	-
Total Bill on TOU			\$ 361.20			\$ 381.34	\$ 20.14	5.58%

In the manager's summary, discuss the reasoning for the change in RTSR rates
In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	261	kWh
Demand	-	kW
Current Loss Factor	1.0290	
Proposed/Approved Loss Factor	1.0290	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.79	1	\$ 28.79	\$ 30.13	1	\$ 30.13	\$ 1.34	4.65%
Distribution Volumetric Rate	\$ -	261	\$ -	\$ -	261	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	261	\$ -	\$ -	261	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 28.79			\$ 30.13	\$ 1.34	4.65%
Line Losses on Cost of Power	\$ 0.0937	8	\$ 0.71	\$ 0.0937	8	\$ 0.71	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	261	\$ -	\$ 0.0039	261	\$ 1.02	\$ 1.02	
CBR Class B Rate Riders	\$ -	261	\$ -	\$ 0.0002	261	\$ (0.05)	\$ (0.05)	
GA Rate Riders	\$ -	261	\$ -	\$ -	261	\$ -	\$ -	
Low Voltage Service Charge	\$ -	261	\$ -	\$ -	261	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	261	\$ -	\$ -	261	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.92			\$ 32.22	\$ 2.31	7.71%
RTSR - Network	\$ 0.0107	269	\$ 2.87	\$ 0.0114	269	\$ 3.06	\$ 0.19	6.54%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0063	269	\$ 1.69	\$ 0.0072	269	\$ 1.93	\$ 0.24	14.29%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34.48			\$ 37.22	\$ 2.74	7.93%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	269	\$ 1.21	\$ 0.0045	269	\$ 1.21	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	269	\$ 0.19	\$ 0.0007	269	\$ 0.19	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	164	\$ 12.17	\$ 0.0740	164	\$ 12.17	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	47	\$ 4.79	\$ 0.1020	47	\$ 4.79	\$ -	0.00%
TOU - On Peak	\$ 0.1510	50	\$ 7.49	\$ 0.1510	50	\$ 7.49	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 60.58			\$ 63.31	\$ 2.74	4.52%
HST	13%		\$ 7.88	13%		\$ 8.23	\$ 0.36	4.52%
Ontario Electricity Rebate	11.7%		\$ (7.09)	11.7%		\$ (7.41)	\$ (0.32)	
Total Bill on TOU			\$ 61.37			\$ 64.14	\$ 2.77	4.52%

In the manager's summary, discuss the reasoning for the change in RTSR rates

In the manager's summary, discuss the reasoning for the change in RTSR rates

Attachment A-2: 2024 IRM Rate Generator Model for GBE(E+) Rate Zone

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Quick Link
Ontario Energy Board's 2024 Electricity
Distribution Rate Applications Webpage

Version 1.0

Utility Name	GrandBridge Energy Inc.
Service Territory	Energy+ Rate Zone
Assigned EB Number	EB-2023-0023
Name of Contact and Title	Dan Molon, Director, Regulatory Affairs & Financial Planning
Phone Number	519-621-3530 x 2340
Email Address	dmlon@grandbridgeenergy.com
Rate Effective Date	Monday, January 1, 2024
Rate-Setting Method	Price Cap IR
	2022

1. Select the last Cost of Service rebasing year.

To determine the first year the continuity schedules in tab 3 will be generated for input, answer the following questions:
For all the the responses below, when selecting a year, select the year relating to the account balance. For example, if the 2021 balances that were reviewed in the 2023 rate application were to be selected, select 2021.

2. For Accounts 1588 and 1589, please indicate the year of the account balances that the accounts were last disposed on a final basis for information purposes.

2021

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved for disposition 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.
- 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.

2021

3. For the remaining Group 1 DVAs, please indicate the year of the account balances that were last disposed on a final basis

2021

Determine whether scenario a or b below applies, then select the appropriate year.

a) If the account balances were last approved on a final basis, select the year of the year-end balances that the balance was last approved on a final basis.

b) If the accounts 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.
- ii) If 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.

2021

4. Select the earliest vintage year in which there is a balance in Account 1595.

(e.g. If 2017 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2017.)

2017

5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?

Yes

6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?

Yes

7. Retail Transmission Service Rates: GrandBridge Energy Inc. is:

Partially Embedded

Within

Hydro One Networks Inc., GrandBridge Energy (formerly Brantford Power Inc.)

Distribution System(s)

(If necessary, enter all host-distributors' names in the above green shaded cell.)

8. Have you transitioned to fully fixed rates?

Yes

9. Do you want to update your low voltage service rate?

No

Legend

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- Red cells represent flags to identify either non-matching values or incorrect user selections.
- Pale grey cells represent auto-populated RRR data.
- White cells contain fixed values, automatically generated values or formulae.

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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Ontario Energy Board
**Incentive Rate-setting Mechanism Rate
 Generator for 2024 Filers**

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		2017									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge ⁵	1580					0					0
Variance WMS – Sub-account CBR Class A ⁵	1580					0					0
Variance WMS – Sub-account CBR Class B ⁵	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					0
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power ⁴	1588					0					0
RSVA - Global Adjustment ⁴	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2017 and pre-2017) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2020) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2021) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2022) ³	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2023) ³	1595					0					0
<i>Not to be disposed of until two years after rate rider has expired and that balance has been audited. Refer to the Filing Requirements for disposition eligibility.</i>	1595					0					0
RSVA - Global Adjustment requested for disposition	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment requested for disposition		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance requested for disposition		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Impacts Arising from the COVID-19 Emergency, Sub-account Forgone Revenues from Postponing Rate Implementation⁶	1509										
Total Group 1 balance including Account 1568 and Account 1509 requested for disposition		0	0	0	0	0	0	0	0	0	0

2018

Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0				0	0				0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

2021

2022

Opening Principal Amounts as of Jan 1, 2021	Transactions Debit/ (Credit) during 2021	OEB-Approved Disposition during 2021	Principal Adjustments ¹ during 2021	Closing Principal Balance as of Dec 31, 2021	Opening Interest Amounts as of Jan 1, 2021	Interest Jan 1 to Dec 31, 2021	OEB-Approved Disposition during 2021	Interest Adjustments ¹ during 2021	Closing Interest Amounts as of Dec 31, 2021	Opening Principal Amounts as of Jan 1, 2022	Transactions Debit/ (Credit) during 2022	OEB-Approved Disposition during 2022	Principal Adjustments ¹ during 2022	Closing Principal Balance as of Dec 31, 2022	Opening Interest Amounts as of Jan 1, 2022	Interest Jan 1 to Dec 31, 2022	OEB-Approved Disposition during 2022	Interest Adjustments ¹ during 2022	Closing Interest Amounts as of Dec 31, 2022
0			85,089	85,089	0			(1,413)	(1,413)	85,089	88,471	(26,648)		200,208	(1,413)	1,307	(1,494)		1,389
0			(44,749)	(44,749)	0			(216)	(216)	(44,749)	(190,207)	(7,565)		(227,391)	(216)	(2,651)	(146)		(2,721)
0			505,884	505,884	0			(3,945)	(3,945)	505,884	3,765,273	(762,727)	(49,008)	4,984,877	(3,945)	77,929	(7,292)		81,276
0			0	0	0			0	0	0				0	0				0
0			(185,630)	(185,630)	0			(1,214)	(1,214)	(185,630)	(91,488)	(44,817)		(232,301)	(1,214)	(5,534)	(895)		(5,853)
0			3,575,517	3,575,517	0			13,763	13,763	3,575,517	706,177	1,034,262		3,247,432	13,763	54,904	7,466		61,201
0			388,437	388,437	0			8,348	8,348	388,437	(224,790)	775,575		(611,928)	8,348	(10,614)	8,907		(11,173)
0			1,636,253	1,636,253	0			5,193	5,193	1,636,253	296,747	1,387,306	(350,699)	194,995	5,193	2,585	8,239		(461)
0			(1,558,335)	(1,558,335)	0			14,781	14,781	(1,558,335)	(25,241)	841,897	(237,305)	(2,662,778)	14,781	(49,330)	19,841		(54,390)
0			0	0	0			0	0	0				0	0				0
0			2,010,960	2,010,960	0			(345,943)	(345,943)	2,010,960	(373,588)		451,594	2,088,966	(345,943)	39,354			(306,589)
186,817	(26,593)			160,224	35,430	934			36,364	160,224				160,224	36,364	3,075			39,439
(393,151)	232,018			(161,133)	(69,209)	(1,655)			(70,864)	(161,133)	2,797			(158,336)	(70,864)	(3,032)			(73,896)
0	(575,650)	(568,699)		(6,950)	0	1,439	(47,560)		48,999	(6,950)	(30,793)			(37,743)	48,999	(519)			48,480
0				0	0				0	0	(3,262,544)	(3,197,282)		(65,261)	0	19,604	(34,625)		54,229
0				0	0				0	0				0	0				0
0	0	0	(1,558,335)	(1,558,335)	0	0	0	14,781	14,781	(1,558,335)	(25,241)	841,897	(237,305)	(2,662,778)	14,781	(49,330)	19,841	0	(54,390)
(206,334)	(370,224)	(568,699)	7,971,761	7,963,902	(33,779)	718	(47,560)	(325,426)	(310,927)	7,963,902	686,055	(841,897)	51,887	9,543,741	(310,927)	176,408	(19,841)	0	(114,678)
(206,334)	(370,224)	(568,699)	6,413,426	6,405,566	(33,779)	718	(47,560)	(310,645)	(296,147)	6,405,566	660,814	0	(185,418)	6,880,963	(296,147)	127,078	(0)	0	(169,069)
0				0	0				0	0		0	(107,181)	(107,181)	0			(9,829)	(9,829)
0				0	0				0	0				0	0				0
(206,334)	(370,224)	(568,699)	6,413,426	6,405,566	(33,779)	718	(47,560)	(310,645)	(296,147)	6,405,566	660,814	0	(292,599)	6,773,782	(296,147)	127,078	(0)	(9,829)	(178,898)

2023				Projected Interest on Dec-31-2023 Balances				2.1.7 RRR ⁵		
Principal Disposition during 2023 - instructed by OEB	Interest Disposition during 2023 - instructed by OEB	Closing Principal Balances as of Dec 31, 2021 Adjusted for Disposition during 2023	Closing Interest Balances as of Dec 31, 2021 Adjusted for Disposition during 2023	Projected Interest from Jan 1, 2023 to Dec 31, 2023 on Dec 31, 2022 balance adjusted for disposition during 2023 ²	Projected Interest from Jan 1, 2024 to Apr 30, 2024 on Dec 31, 2022 balance adjusted for disposition during 2023 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2022	Variance RRR vs. 2022 Balance (Principal + Interest)
111,737	1,755	88,471	(366)	4,351		3,984	92,456		201,597	(0)
(37,184)	(627)	(190,207)	(2,094)	(9,353)		(11,447)	(201,655)		(230,112)	0
1,268,611	22,345	3,716,265	58,932	182,747		241,679	3,957,944		4,877,008	(189,145)
		0	0	0		0	0		0	0
(140,812)	(1,693)	(91,488)	(4,160)	(4,499)		(8,659)	(100,147)		(238,153)	(0)
2,541,255	44,352	706,177	16,849	34,726		51,575	757,752		3,308,633	1
(387,138)	(6,356)	(224,790)	(4,817)	(11,054)		(15,871)	(240,661)		(623,101)	(0)
248,947	682	(53,952)	(1,143)	(2,653)		(3,796)	(57,748)		439,677	245,142
(2,400,232)	(34,975)	(262,546)	(19,416)	(12,911)		(32,326)	(294,872)		(2,365,165)	352,004
		0	0	0		0	0	No	0	0
2,010,960	(321,932)	78,006	15,344			15,344	0	No	1,330,783	(451,594)
		160,224	39,439	7,879		47,318	207,542	Yes	199,663	(0)
		(158,336)	(73,896)			(73,896)	0	No	(232,232)	0
		(37,743)	48,480			48,480	0	No	10,737	0
		(65,261)	54,229			54,229	0	No	(11,032)	1
		0	0			0	0	No		0
(2,400,232)	(34,975)	(262,546)	(19,416)	(12,911)	0	(32,326)	(294,872)		(2,365,165)	352,004
5,616,376	(261,474)	3,927,365	146,796	202,144	0	348,940	4,415,483		9,271,621	(157,442)
3,216,144	(296,449)	3,664,819	127,380	189,233	0	316,613	4,120,611		6,906,456	194,562
		(107,181)	(9,829)			(9,829)	(117,010)		0	117,010
		0	0			0	0			0
3,216,144	(296,449)	3,557,638	117,551	189,233	0	306,784	4,003,601		6,906,456	311,572

The variance does not match the value in cell BV25. Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

Please provide an explanation of the variance in the Manager's Summary

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Data on this worksheet has been populated using your most recent RRR filing.
 If you have identified any issues, please contact the OEB.
 Have you confirmed the accuracy of the data below? Yes

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	Account 1509 Allocation (\$ distribution revenue from last COS)	1595 Recovery Proportion (2019) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	524,547,549	0	5,945,631	0	0	0	524,547,549	0		30%	0	61,910
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	213,728,225	3,999	25,603,212	3,999	0	0	213,728,225	3,999		12%	749,319	6,719
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	473,436,074	1,482,649	412,722,120	1,280,831	8,651,118	17,161	464,784,955	1,465,488		27%	19,672	707
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	242,538,628	574,426	216,597,504	530,141	25,941,123	44,285	216,597,504	530,141		14%	-274,172	26
LARGE USE SERVICE CLASSIFICATION	kW	152,323,702	342,420	152,323,702	342,420	0	0	152,323,702	342,420		9%	-3,276	2
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,171,219	0	209,748	0	0	0	2,171,219	0		0%		470
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,929,406	16,554	5,473,412	15,282	0	0	5,929,406	16,554		0%	-608,553	16,801
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	9,657	228	0	0	0	0	9,657	228		0%		102
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	kW	13,682,587	28,946	13,682,587	28,946	0	0	13,682,587	28,946		1%		1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	73,009,014	138,260	0	0	73,009,014	138,260	0	0		4%		1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kW	403,149	1,322	403,149	1,322	0	0	403,149	1,322		0%		1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kW	10,415,104	21,599	10,415,104	21,599	0	0	10,415,104	21,599		1%		1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kW	64,737,315	159,678	64,737,315	159,678	0	0	64,737,315	159,678		4%		4
Total		1,776,931,628	2,770,080	908,113,485	2,384,217	107,601,256	199,706	1,669,330,372	2,570,374	0	100%	-117,010	86,745

Threshold Test

Total Claim (including Account 1568 and 1509)	\$3,830,338
Total Claim for Threshold Test (All Group 1 Accounts)	\$3,947,348
Threshold Test (Total claim per kWh) ²	\$0.0022

Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

YES

¹ Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.
² The Threshold Test does not include the amount in 1568.
³ The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.



Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

No input required. This worksheet allocates the deferral/variance account balances (Group 1 and Account 1568) to the appropriate classes as per EDDVAR dated July 31, 2009.

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP		allocated based on distribution revenues		
				1550	1551	1580	1584	1586	1588	1509	1595_(2019)
RESIDENTIAL SERVICE CLASSIFICATION	29.5%	90.2%	31.4%	27,293	(181,912)	1,243,690	223,687	(71,043)	(18,146)	61,266	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.0%	9.8%	12.8%	11,121	(19,743)	506,745	91,142	(28,947)	(7,394)	24,963	749,319
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	26.6%	0.0%	27.8%	24,633	0	1,101,995	201,891	(64,120)	(16,078)	55,296	19,672
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	13.6%	0.0%	13.0%	12,620	0	513,548	103,428	(32,848)	(7,493)	28,328	(274,172)
LARGE USE SERVICE CLASSIFICATION	8.6%	0.0%	9.1%	7,926	0	361,156	64,957	(20,630)	(5,269)	17,791	(3,276)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	113	0	5,148	926	(294)	(75)	254	0
STREET LIGHTING SERVICE CLASSIFICATION	0.3%	0.0%	0.4%	309	0	14,058	2,529	(803)	(205)	693	(608,553)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	1	0	23	4	(1)	(0)	1	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	0.8%	0.0%	0.8%	712	0	32,441	5,835	(1,853)	(473)	1,598	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	4.1%	0.0%	0.0%	3,799	0	0	31,134	(9,888)	0	8,527	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	0.0%	0.0%	0.0%	21	0	956	172	(55)	(14)	47	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	0.6%	0.0%	0.6%	542	0	24,694	4,441	(1,411)	(360)	1,216	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	3.6%	0.0%	3.9%	3,368	0	153,491	27,606	(8,768)	(2,239)	7,561	0
Total	100.0%	100.0%	100.0%	92,456	(201,655)	3,957,944	757,752	(240,661)	(57,748)	0	207,542 (117,010)

** Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

1a The year Account 1589 GA was last disposed

1b The year Account 1580 CBR Class B was last disposed Note that the sub-account was established in 2015.

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)? (If you received approval to dispose of the GA account balance as at December 31, 2019, the period the GA variance accumulated would be 2020 to 2022.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)? (If you received approval to dispose of the CBR Class B account balance as at December 31, 2019, the period the CBR Class B variance accumulated would be 2020 to 2022.)

3a Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2022	
			July to December	January to June
Customer 1	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	1,324,108	1,610,419
		kW	4,204	4,534
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	1,059,289	992,451
		kW	3,356	3,324
		Class A/B	A	B
Customer 3	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	9,043,046	8,669,181
		kW	18,032	16,460
		Class A/B	A	B
Customer 4	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	2,358,211	2,264,860
		kW	7,599	7,228
		Class A/B	B	A
Customer 5	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	653,072	601,234
		kW	3,480	3,672
		Class A/B	B	A
Customer 6	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	2,116,616	2,203,870
		kW	5,126	5,238
		Class A/B	B	A

3b Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition).

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year, including any transition customer's consumption identified in table 3a above that were Class A customers for the full year before/after the transition year (E.g. If a customer transitioned from Class B to A in 2021, exclude this customer's consumption for 2021 but include this customer's consumption in 2022 as they were a Class A customer for the full year).

Rate Classes with Class A Customers - Billing Determinants by Rate Class

Rate Class	Rate Class		2022	
			kWh	kW
Rate Class 1	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	58,399,661	
		kW	194,337	
Rate Class 2	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	141,181,959	
		kW	340,204	
Rate Class 3	LARGE USE SERVICE CLASSIFICATION	kWh	152,323,702	
		kW	342,420	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed

2021

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2022
Non-RPP Consumption Less WMP Consumption	A	908,113,485	908,113,485
Less Class A Consumption for Partial Year Class A Customers	B	16,496,407	16,496,407
Less Consumption for Full Year Class A Customers	C	351,905,323	351,905,323
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	539,711,755	539,711,755
All Class B Consumption for Transition Customers	E	16,399,951	16,399,951
Transition Customers' Portion of Total Consumption	F = E/D	3.04%	

Allocation of Total GA Balance \$

Total GA Balance	G	-\$	294,872
Transition Customers Portion of GA Balance	H=F*G	-\$	8,960
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$	285,912

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	6					
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2022	% of kWh	Customer Specific GA Allocation for the Period When They Were Class B customers	Monthly Equal Payments	
Customer 1	1,610,419	1,610,419	9.82%	-\$	880	-\$ 73
Customer 2	992,451	992,451	6.05%	-\$	542	-\$ 45
Customer 3	8,669,181	8,669,181	52.86%	-\$	4,736	-\$ 395
Customer 4	2,358,211	2,358,211	14.38%	-\$	1,288	-\$ 107
Customer 5	653,072	653,072	3.98%	-\$	357	-\$ 30
Customer 6	2,116,616	2,116,616	12.91%	-\$	1,156	-\$ 96
Total	16,399,951	16,399,951	100.00%	-\$	8,960	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements)

Default Rate Rider Recovery Period (in months)	12
Proposed Rate Rider Recovery Period (in months)	12

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2022 Consumption excluding WMP	Total Metered 2022 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2022 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered 2022 Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider		
	kWh	kWh	kWh	kWh					
RESIDENTIAL SERVICE CLASSIFICATION	kWh	5,945,631	0	0	5,945,631	1.1%	(\$3,248)	(\$0.0005)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	25,603,212	0	0	25,603,212	4.9%	(\$13,988)	(\$0.0005)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	412,722,120	58,399,661	10,561,060	343,761,400	65.7%	(\$187,815)	(\$0.0005)	kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	216,597,504	141,181,959	22,335,298	53,080,247	10.1%	(\$29,000)	(\$0.0005)	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	152,323,702	152,323,702	0	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	209,748	0	0	209,748	0.0%	(\$115)	(\$0.0005)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	5,473,412	0	0	5,473,412	1.0%	(\$2,990)	(\$0.0005)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
CND	kWh	13,682,587	0	0	13,682,587	2.6%	(\$7,476)	(\$0.0005)	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kWh	403,149	0	0	403,149	0.1%	(\$220)	(\$0.0005)	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kWh	10,415,104	0	0	10,415,104	2.0%	(\$5,690)	(\$0.0005)	kWh
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kWh	64,737,315	0	0	64,737,315	12.4%	(\$35,369)	(\$0.0005)	kWh
Total		908,113,485	351,905,323	32,896,357	523,311,805	100.0%	(\$285,911)		

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year Account 1580 CBR Class B was Last Disposed 2021

Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2022
Total Consumption Less WMP Consumption	A	1,669,330,372	1,669,330,372
Less Class A Consumption for Partial Year Class A Customers	B	16,496,407	16,496,407
Less Consumption for Full Year Class A Customers	C	351,905,323	351,905,323
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	1,300,928,642	1,300,928,642
All Class B Consumption for Transition Customers	E	16,399,951	16,399,951
Transition Customers' Portion of Total Consumption	F = E/D	1.26%	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$ 100,147
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$ 1,262
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 98,885

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	6					
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2022	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Monthly Equal Payments	
Customer 1	1,610,419	1,610,419	9.82%	-\$ 124	-\$ 10	
Customer 2	992,451	992,451	6.05%	-\$ 76	-\$ 6	
Customer 3	8,669,181	8,669,181	52.86%	-\$ 667	-\$ 56	
Customer 4	2,358,211	2,358,211	14.38%	-\$ 182	-\$ 15	
Customer 5	653,072	653,072	3.98%	-\$ 50	-\$ 4	
Customer 6	2,116,616	2,116,616	12.91%	-\$ 163	-\$ 14	
Total	16,399,951	16,399,951	100.00%	-\$ 1,262	-\$ 105	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

No input required. The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

The year Account 1580 CBR Class B was last disposed

2021

		Total Metered 2022 Consumption Minus WMP		Total Metered 2022 Consumption for Full Year Class A Customers		Total Metered 2022 Consumption for Transition Customers		Metered 2022 Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	524,547,549	0	0	0	0	0	524,547,549	0	40.8%	(\$40,380)	(\$0.0001)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	213,728,225	3,999	0	0	0	0	213,728,225	3,999	16.6%	(\$16,453)	(\$0.0001)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	464,784,955	1,465,488	58,399,661	194,337	10,561,060	32,935	395,824,235	1,238,217	30.8%	(\$30,471)	(\$0.0246)	kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	216,597,504	530,141	141,181,959	340,204	22,335,298	49,319	53,080,247	140,618	4.1%	(\$4,086)	(\$0.0291)	kW
LARGE USE SERVICE CLASSIFICATION	kW	152,323,702	342,420	152,323,702	342,420	0	0	0	0	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,171,219	0	0	0	0	0	2,171,219	0	0.2%	(\$167)	(\$0.0001)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,929,406	16,554	0	0	0	0	5,929,406	16,554	0.5%	(\$456)	(\$0.0275)	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	9,657	228	0	0	0	0	9,657	228	0.0%	(\$1)	(\$0.0044)	kW
CND	kW	13,682,587	28,946	0	0	0	0	13,682,587	28,946	1.1%	(\$1,053)	(\$0.0364)	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kW	403,149	1,322	0	0	0	0	403,149	1,322	0.0%	(\$31)	(\$0.0235)	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kW	10,415,104	21,599	0	0	0	0	10,415,104	21,599	0.8%	(\$802)	(\$0.0371)	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kW	64,737,315	159,678	0	0	0	0	64,737,315	159,678	5.0%	(\$4,984)	(\$0.0312)	kW
Total		1,669,330,372	2,570,374	351,905,323	876,960	32,896,357	82,254	1,284,528,693	1,611,161	100.0%	(\$98,884)		

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Input required at cells C13 and C14. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
Account 1509 Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) ²	Deferral/Variance Account Rate Rider for			
								Deferral/Variance Account Rate Rider ²	Non-WMP (if applicable) ²	Account 1568 Rate Rider	Account 1509 Rate Rider ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	524,547,549	0	524,547,549	0	1,284,836		0.0024	0.0000	0.0000	0.00
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	213,728,225	3,999	213,728,225	3,999	577,887		0.0027	0.0000	0.0035	0.00
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	473,436,074	1,482,649	464,784,955	1,465,488	217,701	1,085,916	0.1468	0.7410	0.0133	0.00
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	242,538,628	574,426	216,597,504	530,141	111,527	506,055	0.1942	0.9546	(0.4773)	0.00
LARGE USE SERVICE CLASSIFICATION	kW	152,323,702	342,420	152,323,702	342,420	425,930		1.2439	0.0000	(0.0096)	0.00
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,171,219	0	2,171,219	0	6,071		0.0028	0.0000	0.0000	0.00
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,929,406	16,554	5,929,406	16,554	16,580		1.0016	0.0000	(36.7620)	0.00
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	9,657	228	9,657	228	27		0.1185	0.0000	0.0000	0.00
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	kW	13,682,587	28,946	13,682,587	28,946	38,259		1.3218	0.0000	0.0000	0.00
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	73,009,014	138,260	0	0	33,572		0.2428	0.0000	0.0000	0.00
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kW	403,149	1,322	403,149	1,322	1,127		0.8528	0.0000	0.0000	0.00
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kW	10,415,104	21,599	10,415,104	21,599	29,123		1.3484	0.0000	0.0000	0.00
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kW	64,737,315	159,678	64,737,315	159,678	181,019		1.1337	0.0000	0.0000	0.00

¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

² Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

³ The amounts in this sub-account are recovered based on a monthly fixed charge, using the most recent calendar-year actual number of customers for each rate class as the denominator, similar to the recovery of other Account 1509 sub-accounts per the June 17, 2021 Report of the OEB, Regulatory Treatment of Impacts Arising from the COVID-19 Emergency (EB-2020-0133).

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2022	2024
OEB-Approved Rate Base	\$ 173,825,304	\$ 173,825,304
OEB-Approved Regulatory Taxable Income	\$ 2,144,839	\$ 2,144,839
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.2%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 321,726
Provincial Taxes Payable		\$ 246,656
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	\$ 568,382	\$ 568,382
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$ -
Income Tax Provision	\$ 568,382	\$ 568,382
Grossed-up Income Taxes	\$ 773,309	\$ 773,309
Incremental Grossed-up Tax Amount		\$ -
Sharing of Tax Amount (50%)		\$ -

Notes

1. The appropriate Federal and Ontario small business rates are calculated in the Income/PILs Workform. The Federal and Ontario small business deduction:

- a. is applicable if taxable capital is below \$10 million.
- b. is phased out with taxable capital of more than \$10 million.
- c. is completely eliminated when the taxable capital is \$50 million or more.

This is effective for taxation years starting in 2022. Prior to 2022, the small business deduction was completely eliminated when taxable capital was \$15 million or more.

2. The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	58,677	461,453,716	0	21.81	0.0047	0.0000	15,355,736	2,172,859	0	17,528,595	87.6%	12.4%	0.0%	51.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	6,451	193,967,011	0	14.52	0.0155	0.0000	1,123,800	3,007,818	0	4,131,617	27.2%	72.8%	0.0%	12.2%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	801	490,088,356	1,564,769	113.09	0.0000	4.1705	1,087,549	0	6,525,873	7,613,422	14.3%	0.0%	85.7%	22.5%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	30	214,108,990	552,369	864.41	0.0000	3.7022	311,146	0	2,044,973	2,356,119	13.2%	0.0%	86.8%	7.0%
LARGE USE SERVICE CLASSIFICATION	kW	2	145,141,006	330,833	8976.07	0.0000	2.4926	215,426	0	824,635	1,040,061	20.7%	0.0%	79.3%	3.1%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	499	2,273,988	0	5.53	0.0136	0.0000	33,098	30,944	0	64,042	51.7%	48.3%	0.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	16,260	3,798,281	10,945	2.37	0.0000	19.1000	462,765	0	209,059	671,824	68.9%	0.0%	31.1%	2.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	168	126,989	343	2.04	0.0000	30.5028	4,113	0	10,460	14,573	28.2%	0.0%	71.8%	0.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	kW	0	12,605,162	24,387	0.00	0.0000	2.0718	0	0	50,527	50,527	0.0%	0.0%	100.0%	0.1%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	0	58,104,381	114,657	0.00	0.0000	1.9300	0	0	221,287	221,287	0.0%	0.0%	100.0%	0.7%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kW	0	347,757	1,075	96.98	0.0000	3.9297	0	0	4,224	4,224	0.0%	0.0%	100.0%	0.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kW	0	12,191,720	29,011	96.98	0.0000	3.9297	0	0	114,004	114,004	0.0%	0.0%	100.0%	0.3%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kW	0	43,274,122	0	96.98	0.0000	0.0000	0	0	0	0	0.0%	0.0%	100.0%	0.0%
Total		82,888	1,637,481,480	2,628,389				18,593,631	5,211,621	10,005,041	33,810,294				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	524,547,549	0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	213,728,225	3,999	0.0000	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	473,436,074	1,482,649	0.0000	kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	242,538,628	574,426	0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	152,323,702	342,420	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,171,219	0	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,929,406	16,554	0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	9,657	228	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	kW	13,682,587	28,946	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	73,009,014	138,260	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kW	403,149	1,322	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kW	10,415,104	21,599	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kW	64,737,315	159,678	0.0000	kW
Total		1,776,931,628	2,770,080	\$0	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes in your manager's summary. As well, the Loss Factor has been imported from Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090	524,547,549	0	1.0307	540,651,159
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	524,547,549	0	1.0307	540,651,159
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081	213,728,225	3,999	1.0307	220,289,681
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044	213,728,225	3,999	1.0307	220,289,681
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.7381	123,094,297	385,492		
	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	2.5702	123,094,297	385,492		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered <1000 kW	\$/kW	4.7712	350,341,776	1,097,157		
	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered <1000 kW (see Gross Load Billing Note)	\$/kW	2.5962	350,341,776	1,100,944		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4689	242,538,628	574,426		
	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.7835	242,538,628	610,263		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5690	152,323,702	342,420		
	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.7994	152,323,702	416,796		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	2,171,219	0	1.0307	2,237,875
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044	2,171,219	0	1.0307	2,237,875
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5242	5,929,406	16,554		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3755	5,929,406	16,554		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	2.7690	9,657	228		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	1.3301	9,657	228		
Embedded Distributor Service Classification - Hydro One Cnd	Retail Transmission Rate - Network Service Rate	\$/kW	3.5680	13,682,587	28,946		
Embedded Distributor Service Classification - Hydro One Cnd	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2039	13,682,587	28,946		
Embedded Distributor Service Classification - Waterloo	Retail Transmission Rate - Network Service Rate	\$/kW	3.5680	73,009,014	138,260		
Embedded Distributor Service Classification - Waterloo	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2039	73,009,014	138,260		
Embedded Distributor Service Classification - Brantford	Retail Transmission Rate - Network Service Rate	\$/kW	3.9850	403,149	1,322		
Embedded Distributor Service Classification - Brantford	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8192	403,149	1,322		
Embedded Distributor Service Classification - Hydro One #1	Retail Transmission Rate - Network Service Rate	\$/kW	3.9850	10,415,104	21,599		
Embedded Distributor Service Classification - Hydro One #1	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8191	10,415,104	21,599		

For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers.

For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Uniform Transmission Rates		Unit	2022 Jan to Mar		2022 Apr to Dec		2023 Jan to Jun		2023 Jul to Dec		2024
Rate Description			Rate				Rate				
Network Service Rate	kW	\$	5.13	\$	5.46	\$	5.60	\$	5.37	\$	5.37
Line Connection Service Rate	kW	\$	0.88	\$	0.88	\$	0.92	\$	0.88	\$	0.88
Transformation Connection Service Rate	kW	\$	2.81	\$	2.81	\$	3.10	\$	2.98	\$	2.98

Hydro One Sub-Transmission Rates		Unit	2022		2023		2024	
Rate Description			Rate				Rate	
Network Service Rate	kW	\$		4.3473	\$	4.6545	\$	4.6545
Line Connection Service Rate	kW	\$		0.6788	\$	0.6056	\$	0.6056
Transformation Connection Service Rate	kW	\$		2.3267	\$	2.8924	\$	2.8924
Both Line and Transformation Connection Service Rate	kW	\$		3.0055	\$	3.4980	\$	3.4980

If needed, add extra host here. (I)		Unit	2022		2023		2024	
Rate Description			Rate				Rate	
Network Service Rate	kW	\$		3.16	\$	3.25	\$	3.25
Line Connection Service Rate	kW	\$		1.87	\$	1.88	\$	1.88
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$		1.87	\$	1.88	\$	1.88

If needed, add extra host here. (II)		Unit	2021		2022		2023	
Rate Description			Rate				Rate	
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2021		Current 2022		Forecast 2023	

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090	540,651,159	0	4,865,860	27.5%	4,950,573	0.0092
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081	220,289,681	3,999	1,784,346	10.1%	1,815,411	0.0082
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.7381		385,492	1,826,500	10.3%	1,858,298	4.8206
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered <1000 kW	\$/kW	4.7712		1,097,157	5,234,757	29.6%	5,325,892	4.8543
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4689		574,426	1,992,626	11.3%	2,027,317	3.5293
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5680		342,420	1,221,753	6.9%	1,243,023	3.6301
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	2,237,875	0	17,455	0.1%	17,759	0.0078
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5242		16,554	41,785	0.2%	42,513	2.5681
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7690		228	642	0.0%	642	2.8172
Embedded Distributor Service Classification - Hydro One Cnd	Retail Transmission Rate - Network Service Rate	\$/kW	3.5880		28,946	103,279	0.6%	105,077	3.6301
Embedded Distributor Service Classification - Waterloo	Retail Transmission Rate - Network Service Rate	\$/kW	3.5680		138,260	493,312	2.8%	501,901	3.6301
Embedded Distributor Service Classification - Brantford	Retail Transmission Rate - Network Service Rate	\$/kW	3.9850		1,322	5,359	0.0%	5,359	4.0544
Embedded Distributor Service Classification - Hydro One #1	Retail Transmission Rate - Network Service Rate	\$/kW	3.9850		21,599	86,072	0.5%	87,570	4.0544

The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	540,651,159	0	2,703,256	27.6%	2,869,636	0.0053
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044	220,289,681	3,999	969,275	9.9%	1,028,932	0.0047
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5702		385,492	990,792	10.1%	1,051,773	2.7284
General Service 50 To 999 kW Service Classification	(see Gross Load Billing Note)								
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered <1000 kW (see Gross Load Billing Note)	\$/kW	2.5962		1,100,944	2,858,272	29.2%	3,034,193	2.7560
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7835		610,263	1,088,404	11.1%	1,155,393	1.8933
General Service 1,000 To 4,999 kW Service Classification	(see Gross Load Billing Note)								
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.7994		416,796	749,982	7.7%	796,142	1.9101
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044	2,237,875	0	9,847	0.1%	10,453	0.0047
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3755		16,554	22,770	0.2%	24,171	1.4602
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3301		228	303	0.0%	322	1.4120
Embedded Distributor Service Classification - Hydro One Cnd	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2039		28,946	63,794	0.7%	67,720	2.3395
Embedded Distributor Service Classification - Waterloo	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2039		138,260	304,712	3.1%	323,466	2.3395
Embedded Distributor Service Classification - Brantford	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8192		1,322	2,405	0.0%	2,553	1.9312
Embedded Distributor Service Classification - Hydro One #1	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8191		21,599	39,291	0.4%	41,709	1.9311

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0092	540,651,159	0	4,950,573	27.5%	4,854,524	0.0090
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0082	220,289,681	3,999	1,815,411	10.1%	1,780,189	0.0081
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	4.8206		385,492	1,858,298	10.3%	1,822,244	4.7271
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered <1000 kW	\$/kW	4.8543		1,097,157	5,325,892	29.6%	5,222,561	4.7601
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.5293		574,426	2,027,317	11.3%	1,987,384	3.4680
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.6301		342,420	1,243,023	6.9%	1,218,907	3.5597
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	2,237,875	0	17,759	0.1%	17,415	0.0078
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5681		16,554	42,513	0.2%	41,688	2.5183
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8172		228	642	0.0%	629	2.7625
Embedded Distributor Service Classification - Hydro One Cnd	Retail Transmission Rate - Network Service Rate	\$/kW	3.6301		28,946	105,077	0.6%	103,038	3.5597
Embedded Distributor Service Classification - Waterloo	Retail Transmission Rate - Network Service Rate	\$/kW	3.6301		138,260	501,901	2.8%	492,163	3.5597
Embedded Distributor Service Classification - Brantford	Retail Transmission Rate - Network Service Rate	\$/kW	4.0544		1,322	5,359	0.0%	5,255	3.9757
Embedded Distributor Service Classification - Hydro One #1	Retail Transmission Rate - Network Service Rate	\$/kW	4.0544		21,599	87,570	0.5%	85,871	3.9757

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053	540,651,159	0	2,869,636	27.6%	2,813,470	0.0052
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	220,289,681	3,999	1,028,932	9.9%	1,008,793	0.0046
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7284		385,492	1,051,773	10.1%	1,031,187	2.6750
General Service 50 To 999 kW Service Classification	(see Gross Load Billing Note)								
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered <1000 kW (see Gross Load Billing Note)	\$/kW	2.7560		1,100,944	3,034,193	29.2%	2,974,806	2.7020
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8933		610,263	1,155,393	11.1%	1,132,779	1.8562
General Service 1,000 To 4,999 kW Service Classification	(see Gross Load Billing Note)								
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.9101		416,796	796,142	7.7%	780,560	1.8728
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	2,237,875	0	10,453	0.1%	10,248	0.0046
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4602		16,554	24,171	0.2%	23,698	1.4316
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4120		228	322	0.0%	315	1.3843
Embedded Distributor Service Classification - Hydro One Cnd	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3395		28,946	67,720	0.7%	66,395	2.2938
Embedded Distributor Service Classification - Waterloo	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3395		138,260	323,466	3.1%	317,135	2.2938
Embedded Distributor Service Classification - Brantford	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9312		1,322	2,553	0.0%	2,503	1.8934
Embedded Distributor Service Classification - Hydro One #1	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9311		21,599	41,709	0.4%	40,892	1.8933

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2022 value and will be updated by OEB staff at a later date.

Price Escalator	4.80%	Productivity Factor	0.00%
Choose Stretch Factor Group	II	Price Cap Index	4.65%
Associated Stretch Factor Value	0.15%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	30.84				4.65%	32.27	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	16.61		0.0177		4.65%	17.38	0.0185
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	113.62		4.2013		4.65%	118.90	4.3967
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	959.65		4.2343		4.65%	1,004.27	4.4312
LARGE USE SERVICE CLASSIFICATION	9965.05		1.8512		4.65%	10,428.42	1.9373
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	6.46		0.0159		4.65%	6.76	0.0166
STREET LIGHTING SERVICE CLASSIFICATION	2.11		16.995		4.65%	2.21	17.7853
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.13		46.7525		4.65%	3.28	48.9265
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	0		2.3427		4.65%	0.00	2.4516
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	0		1.8185		4.65%	0.00	1.9031
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	0		10.4085		4.65%	0.00	10.8925
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	77.49		1.311		4.65%	81.09	1.3720
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	77.49				4.65%	81.09	0.0000
microFIT SERVICE CLASSIFICATION	4.55					4.55	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.

Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

Update the following rates if an OEB Decision has been issued at the time of completing this application

Regulatory Charges

Effective Date of Regulatory Charges		January 1, 2023	January 1, 2024
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices and Percentages

As of	November 1, 2022		
Off-Peak	\$/kWh	0.0740	63%
Mid-Peak	\$/kWh	0.1020	18%
On-Peak	\$/kWh	0.1510	19%

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.42
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Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):

	\$	39.49
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Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	36.05	4.80%	37.78

Retail Service Charges

		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	111.66	4.80%	117.02
Monthly fixed charge, per retailer	\$	44.67	4.80%	46.81
Monthly variable charge, per customer, per retailer	\$/cust.	1.11	4.80%	1.16
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66	4.80%	0.69
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)	4.80%	(0.69)
Service Transaction Requests (STR)			4.80%	-
Request fee, per request, applied to the requesting party	\$	0.56	4.80%	0.59
Processing fee, per request, applied to the requesting party	\$	1.11	4.80%	1.16
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.47	4.80%	4.68
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)	\$	2.23	4.80%	2.34

* OEB approved inflation rate effective in 2024

** applicable only to LDCs in which the province-wide pole attachment charge applies

*** subject to change pending OEB order on miscellaneous service charges



Incentive Rate-setting Mechanism Rate Generator for 2024 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **Those distributors that are still in the process of moving to fully fixed residential rates should refer to section 3.2.3 of Chapter 3 of the Filing Requirements for Incentive Rate-Setting Applications.**

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note:

- For those classes that are not eligible for the RPP price, the weighted average price including Class B GA of \$0.1076/kWh (IESO's Monthly Market Report for May 2023) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

 Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Table 1

RATE CLASSES / CATEGORIES <small>(eg: Residential TOU, Residential Retailer)</small>	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor <small>(eg: 1.0351)</small>	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes <small>(e.g. # of devices/connections).</small>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0307	1.0307	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0307	1.0307	2,000			
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0307	1.0307	20,000	60		
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0307	1.0307	800,000	2,000		
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0307	1.0307	6,600,000	16,000		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0307	1.0307	100			1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0307	1.0307	400,000	700		547
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0307	1.0307	10,000	29		1
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND	kW	Non-RPP (Other)	1.0307	1.0307	1,382,000	2,574		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	Non-RPP (Other)	1.0307	1.0307		8,280		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	kW	Non-RPP (Other)	1.0307	1.0307	50,000	27		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1	kW	Non-RPP (Other)	1.0307	1.0307	1,300,000	2,340		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2	kW	Non-RPP (Other)	1.0307	1.0307	1,990,000	4,050		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0307	1.0307	328			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0307	1.0307	20,000			
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	kW	Non-RPP (Other)	1.0307	1.0307	5,253,646	8,280		
Add additional scenarios if required			1.0307	1.0307				
Add additional scenarios if required			1.0307	1.0307				
Add additional scenarios if required			1.0307	1.0307				
Add additional scenarios if required			1.0307	1.0307				

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.43	4.5%	\$ 2.11	5.7%	\$ 2.26	4.7%	\$ 2.29	1.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 9.37	17.4%	\$ 11.57	17.3%	\$ 11.98	12.9%	\$ 12.14	4.1%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 17.80	4.6%	\$ 31.38	8.9%	\$ 36.96	4.7%	\$ 41.76	1.2%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (516.18)	-5.3%	\$ 65.82	0.8%	\$ 194.02	1.0%	\$ 219.24	0.2%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1,687.37	4.2%	\$ 11,903.37	17.8%	\$ 12,935.37	8.5%	\$ 14,616.97	1.4%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.37	4.4%	\$ 0.49	5.4%	\$ 0.51	5.0%	\$ 0.52	2.5%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (25,125.49)	-191.8%	\$ (25,012.66)	-208.1%	\$ (24,977.80)	-169.4%	\$ (28,224.91)	-40.7%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 63.20	4.6%	\$ 64.74	4.6%	\$ 66.11	4.3%	\$ 66.97	2.6%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND - Non-RPP (Other)	kW	\$ 280.31	4.6%	\$ 1,025.09	36.6%	\$ 1,233.58	7.0%	\$ 1,393.95	0.7%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO - Non-RPP (Other)	kW	\$ 700.49	4.6%	\$ (2,999.02)	-13.6%	\$ (2,328.34)	-3.3%	\$ (2,631.02)	-3.3%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD - Non-RPP (Other)	kW	\$ 13.07	3.3%	\$ (2.78)	-1.2%	\$ (1.04)	-0.3%	\$ (1.18)	0.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1 - Non-RPP (Other)	kW	\$ 146.34	4.5%	\$ 916.95	-1415.3%	\$ 1,067.42	7.9%	\$ 1,206.18	0.6%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2 - Non-RPP (Other)	kW	\$ 3.60	1.9%	\$ 1,262.02	-23.0%	\$ 1,262.02	-23.0%	\$ 1,426.08	0.6%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.43	4.5%	\$ 1.73	5.0%	\$ 1.79	4.6%	\$ 1.82	2.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 86.77	23.3%	\$ 98.77	28.0%	\$ 102.89	16.9%	\$ 116.27	3.5%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO - Non-RPP (Other)	kW	\$ 700.49	4.6%	\$ (2,999.02)	-13.6%	\$ (2,328.34)	-3.3%	\$ (2,631.02)	-0.3%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 30.84	1	\$ 30.84	\$ 32.27	1	\$ 32.27	\$ 1.43	4.64%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ 0.85	1	\$ 0.85	\$ 0.85	1	\$ 0.85	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 31.69			\$ 33.12	\$ 1.43	4.51%
Line Losses on Cost of Power	\$ 0.0937	23	\$ 2.16	\$ 0.0937	23	\$ 2.16	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0034	750	\$ 2.55	\$ 0.0044	750	\$ 3.30	\$ 0.75	29.41%
CBR Class B Rate Riders	-\$ 0.0001	750	\$(0.08)	-\$ 0.0002	750	\$(0.15)	\$(0.08)	100.00%
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0003	750	\$ 0.23	\$ 0.0003	750	\$ 0.23	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 36.97			\$ 39.07	\$ 2.11	5.69%
RTSR - Network	\$ 0.0090	773	\$ 6.96	\$ 0.0090	773	\$ 6.96	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0050	773	\$ 3.87	\$ 0.0052	773	\$ 4.02	\$ 0.15	4.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 47.79			\$ 50.05	\$ 2.26	4.73%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	773	\$ 3.48	\$ 0.0045	773	\$ 3.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	773	\$ 0.54	\$ 0.0007	773	\$ 0.54	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	473	\$ 34.97	\$ 0.0740	473	\$ 34.97	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	135	\$ 13.77	\$ 0.1020	135	\$ 13.77	\$ -	0.00%
TOU - On Peak	\$ 0.1510	143	\$ 21.52	\$ 0.1510	143	\$ 21.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 122.31			\$ 124.57	\$ 2.26	1.85%
HST	13%		\$ 15.90	13%		\$ 16.19	\$ 0.29	1.85%
Ontario Electricity Rebate	11.7%		\$(14.31)	11.7%		\$(14.57)	\$(0.26)	-
Total Bill on TOU			\$ 123.90			\$ 126.19	\$ 2.29	1.85%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **RPP**

Consumption **2,000** kWh

Demand **-** kW

Current Loss Factor **1.0307**

Proposed/Approved Loss Factor **1.0307**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 16.61	1	\$ 16.61	\$ 17.38	1	\$ 17.38	\$ 0.77	4.64%
Distribution Volumetric Rate	\$ 0.0177	2000	\$ 35.40	\$ 0.0185	2000	\$ 37.00	\$ 1.60	4.52%
Fixed Rate Riders	\$ 1.70	1	\$ 1.70	\$ 1.70	1	\$ 1.70	\$ -	0.00%
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0035	2000	\$ 7.00	\$ 7.00	
Sub-Total A (excluding pass through)			\$ 53.71			\$ 63.08	\$ 9.37	17.45%
Line Losses on Cost of Power	\$ 0.0937	61	\$ 5.75	\$ 0.0937	61	\$ 5.75	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0034	2,000	\$ 6.80	\$ 0.0046	2,000	\$ 9.20	\$ 2.40	35.29%
CBR Class B Rate Riders	-\$ 0.0001	2,000	\$(0.20)	-\$ 0.0002	2,000	\$(0.40)	\$(0.20)	100.00%
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0002	2,000	\$ 0.40	\$ 0.0002	2,000	\$ 0.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 66.88			\$ 78.45	\$ 11.57	17.30%
RTSR - Network	\$ 0.0081	2,061	\$ 16.70	\$ 0.0081	2,061	\$ 16.70	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0044	2,061	\$ 9.07	\$ 0.0046	2,061	\$ 9.48	\$ 0.41	4.55%
Sub-Total C - Delivery (including Sub-Total B)			\$ 92.65			\$ 104.63	\$ 11.98	12.93%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	2,061	\$ 9.28	\$ 0.0045	2,061	\$ 9.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	2,061	\$ 1.44	\$ 0.0007	2,061	\$ 1.44	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	1,260	\$ 93.24	\$ 0.0740	1,260	\$ 93.24	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	360	\$ 36.72	\$ 0.1020	360	\$ 36.72	\$ -	0.00%
TOU - On Peak	\$ 0.1510	380	\$ 57.38	\$ 0.1510	380	\$ 57.38	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 290.96			\$ 302.94	\$ 11.98	4.12%
HST	13%		\$ 37.82	13%		\$ 39.38	\$ 1.56	4.12%
Ontario Electricity Rebate	11.7%		\$(34.04)	11.7%		\$(35.44)	\$(1.40)	
Total Bill on TOU			\$ 294.74			\$ 306.88	\$ 12.14	4.12%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	20,000	kWh
Demand	60	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 113.62	1	\$ 113.62	\$ 118.90	1	\$ 118.90	\$ 5.28	4.65%
Distribution Volumetric Rate	\$ 4.2013	60	\$ 252.08	\$ 4.3967	60	\$ 263.80	\$ 11.72	4.65%
Fixed Rate Riders	\$ 21.85	1	\$ 21.85	\$ 21.85	1	\$ 21.85	\$ -	0.00%
Volumetric Rate Riders	\$ -	60	\$ -	\$ 0.0133	60	\$ 0.80	\$ 0.80	
Sub-Total A (excluding pass through)			\$ 387.55			\$ 405.35	\$ 17.80	4.59%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.7835	60	\$ 47.01	\$ 1.2010	60	\$ 72.06	\$ 25.05	53.29%
CBR Class B Rate Riders	-\$ 0.0353	60	\$ (2.12)	-\$ 0.0599	60	\$ (3.59)	\$ (1.48)	69.69%
GA Rate Riders	-\$ 0.0045	20,000	\$ (90.00)	-\$ 0.0050	20,000	\$ (100.00)	\$ (10.00)	11.11%
Low Voltage Service Charge	\$ 0.1455	60	\$ 8.73	\$ 0.1455	60	\$ 8.73	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	60	\$ -	\$ -	60	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 351.17			\$ 382.55	\$ 31.38	8.93%
RTSR - Network	\$ 4.7381	60	\$ 284.29	\$ 4.7263	60	\$ 283.58	\$ (0.71)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.5702	60	\$ 154.21	\$ 2.6750	60	\$ 160.50	\$ 6.29	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 789.67			\$ 826.62	\$ 36.96	4.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	20,614	\$ 92.76	\$ 0.0045	20,614	\$ 92.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	20,614	\$ 14.43	\$ 0.0007	20,614	\$ 14.43	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	20,614	\$ 2,218.07	\$ 0.1076	20,614	\$ 2,218.07	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 3,115.18			\$ 3,152.13	\$ 36.96	1.19%
HST	13%		\$ 404.97	13%		\$ 409.78	\$ 4.80	1.19%
Ontario Electricity Rebate	11.7%		\$ (364.48)	11.7%		\$ (368.80)	\$ (4.32)	-1.18%
Total Bill on Average IESO Wholesale Market Price			\$ 3,520.15			\$ 3,561.91	\$ 41.76	1.19%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	800,000	kWh
Demand	2,000	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 959.65	1	\$ 959.65	\$ 1,004.27	1	\$ 1,004.27	\$ 44.62	4.65%
Distribution Volumetric Rate	\$ 4.2343	2000	\$ 8,468.60	\$ 4.4312	2000	\$ 8,862.40	\$ 393.80	4.65%
Fixed Rate Riders	\$ 241.31	1	\$ 241.31	\$ 241.31	1	\$ 241.31	\$ -	0.00%
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.4773	2000	\$ (954.60)	\$ (954.60)	
Sub-Total A (excluding pass through)			\$ 9,669.56			\$ 9,153.38	\$ (516.18)	-5.34%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.1039	2,000	\$ 2,207.80	\$ 1.6240	2,000	\$ 3,248.00	\$ 1,040.20	47.11%
CBR Class B Rate Riders	-\$ 0.0472	2,000	\$(94.40)	-\$ 0.0763	2,000	\$(152.60)	\$(58.20)	61.65%
GA Rate Riders	-\$ 0.0045	800,000	\$(3,600.00)	-\$ 0.0050	800,000	\$(4,000.00)	\$(400.00)	11.11%
Low Voltage Service Charge	\$ 0.1010	2,000	\$ 202.00	\$ 0.1010	2,000	\$ 202.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 8,384.96			\$ 8,450.78	\$ 65.82	0.78%
RTSR - Network	\$ 3.4689	2,000	\$ 6,937.80	\$ 3.4603	2,000	\$ 6,920.60	\$(17.20)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7835	2,000	\$ 3,567.00	\$ 1.8562	2,000	\$ 3,712.40	\$ 145.40	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 18,889.76			\$ 19,083.78	\$ 194.02	1.03%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	824,560	\$ 3,710.52	\$ 0.0045	824,560	\$ 3,710.52	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	824,560	\$ 577.19	\$ 0.0007	824,560	\$ 577.19	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	824,560	\$ 88,722.66	\$ 0.1076	824,560	\$ 88,722.66	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 111,900.38			\$ 112,094.40	\$ 194.02	0.17%
HST	13%		\$ 14,547.05	13%		\$ 14,572.27	\$ 25.22	0.17%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 126,447.43			\$ 126,666.67	\$ 219.24	0.17%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	LARGE USE SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	6,600,000	kWh
Demand	16,000	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9,965.05	1	\$ 9,965.05	\$ 10,428.42	1	\$ 10,428.42	\$ 463.37	4.65%
Distribution Volumetric Rate	\$ 1.8512	16000	\$ 29,619.20	\$ 1.9373	16000	\$ 30,996.80	\$ 1,377.60	4.65%
Fixed Rate Riders	\$ 1,011.44	1	\$ 1,011.44	\$ 1,011.44	1	\$ 1,011.44	\$ -	0.00%
Volumetric Rate Riders	\$ -	16000	\$ -	\$ 0.0096	16000	\$ (153.60)	\$ (153.60)	
Sub-Total A (excluding pass through)			\$ 40,595.69			\$ 42,283.06	\$ 1,687.37	4.16%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.5437	16,000	\$ 24,699.20	\$ 2.1822	16,000	\$ 34,915.20	\$ 10,216.00	41.36%
CBR Class B Rate Riders	\$ -	16,000	\$ -	\$ -	16,000	\$ -	\$ -	
GA Rate Riders	\$ -	6,600,000	\$ -	\$ -	6,600,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1019	16,000	\$ 1,630.40	\$ 0.1019	16,000	\$ 1,630.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	16,000	\$ -	\$ -	16,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 66,925.29			\$ 78,828.66	\$ 11,903.37	17.79%
RTSR - Network	\$ 3.5680	16,000	\$ 57,088.00	\$ 3.5591	16,000	\$ 56,945.60	\$ (142.40)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7994	16,000	\$ 28,790.40	\$ 1.8728	16,000	\$ 29,964.80	\$ 1,174.40	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 152,803.69			\$ 165,739.06	\$ 12,935.37	8.47%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	6,802,620	\$ 30,611.79	\$ 0.0045	6,802,620	\$ 30,611.79	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	6,802,620	\$ 4,761.83	\$ 0.0007	6,802,620	\$ 4,761.83	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	6,802,620	\$ 731,961.91	\$ 0.1076	6,802,620	\$ 731,961.91	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 920,139.48			\$ 933,074.85	\$ 12,935.37	1.41%
HST	13%		\$ 119,618.13	13%		\$ 121,299.73	\$ 1,681.60	1.41%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 1,039,757.61			\$ 1,054,374.58	\$ 14,616.97	1.41%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	100	kWh
Demand	-	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6.46	1	\$ 6.46	\$ 6.76	1	\$ 6.76	\$ 0.30	4.64%
Distribution Volumetric Rate	\$ 0.0159	100	\$ 1.59	\$ 0.0166	100	\$ 1.66	\$ 0.07	4.40%
Fixed Rate Riders	\$ 0.33	1	\$ 0.33	\$ 0.33	1	\$ 0.33	\$ -	0.00%
Volumetric Rate Riders	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 8.38			\$ 8.75	\$ 0.37	4.42%
Line Losses on Cost of Power	\$ 0.0937	3	\$ 0.29	\$ 0.0937	3	\$ 0.29	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0035	100	\$ 0.35	\$ 0.0048	100	\$ 0.48	\$ 0.13	37.14%
CBR Class B Rate Riders	-\$ 0.0001	100	\$(0.01)	-\$ 0.0002	100	\$(0.02)	\$(0.01)	100.00%
GA Rate Riders	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0003	100	\$ 0.03	\$ 0.0003	100	\$ 0.03	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	100	\$ -	\$ -	100	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 9.04			\$ 9.53	\$ 0.49	5.42%
RTSR - Network	\$ 0.0078	103	\$ 0.80	\$ 0.0078	103	\$ 0.80	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0044	103	\$ 0.45	\$ 0.0046	103	\$ 0.47	\$ 0.02	4.55%
Sub-Total C - Delivery (including Sub-Total B)			\$ 10.30			\$ 10.81	\$ 0.51	4.96%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	103	\$ 0.46	\$ 0.0045	103	\$ 0.46	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	103	\$ 0.07	\$ 0.0007	103	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	63	\$ 4.66	\$ 0.0740	63	\$ 4.66	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	18	\$ 1.84	\$ 0.1020	18	\$ 1.84	\$ -	0.00%
TOU - On Peak	\$ 0.1510	19	\$ 2.87	\$ 0.1510	19	\$ 2.87	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 20.45			\$ 20.96	\$ 0.51	2.50%
HST	13%		\$ 2.66	13%		\$ 2.72	\$ 0.07	2.50%
Ontario Electricity Rebate	11.7%		\$(2.39)	11.7%		\$(2.45)	\$(0.06)	-
Total Bill on TOU			\$ 20.71			\$ 21.23	\$ 0.52	2.50%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	400,000	kWh
Demand	700	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.11	547	\$ 1,154.17	\$ 2.21	547	\$ 1,208.87	\$ 54.70	4.74%
Distribution Volumetric Rate	\$ 16.9950	700	\$ 11,896.50	\$ 17.7853	700	\$ 12,449.71	\$ 553.21	4.65%
Fixed Rate Riders	\$ 0.09	547	\$ 49.23	\$ 0.09	547	\$ 49.23	\$ -	0.00%
Volumetric Rate Riders	\$ -	700	\$ -	\$ 36.7620	700	\$ (25,733.40)	\$ (25,733.40)	
Sub-Total A (excluding pass through)			\$ 13,099.90			\$ (12,025.59)	\$ (25,125.49)	-191.80%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.9872	700	\$ 691.04	\$ 1.4616	700	\$ 1,023.12	\$ 332.08	48.06%
CBR Class B Rate Riders	-\$ 0.0397	700	\$ (27.79)	-\$ 0.0672	700	\$ (47.04)	\$ (19.25)	69.27%
GA Rate Riders	-\$ 0.0045	400,000	\$ (1,800.00)	-\$ 0.0050	400,000	\$ (2,000.00)	\$ (200.00)	11.11%
Low Voltage Service Charge	\$ 0.0779	700	\$ 54.53	\$ 0.0779	700	\$ 54.53	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	547	\$ -	\$ -	547	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	547	\$ -	\$ -	547	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	700	\$ -	\$ -	700	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 12,017.68			\$ (12,994.98)	\$ (25,012.66)	-208.13%
RTSR - Network	\$ 2.5242	700	\$ 1,766.94	\$ 2.5179	700	\$ 1,762.53	\$ (4.41)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3755	700	\$ 962.85	\$ 1.4316	700	\$ 1,002.12	\$ 39.27	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 14,747.47			\$ (10,230.33)	\$ (24,977.80)	-169.37%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	412,280	\$ 1,855.26	\$ 0.0045	412,280	\$ 1,855.26	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	412,280	\$ 288.60	\$ 0.0007	412,280	\$ 288.60	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	547	\$ 136.75	\$ 0.25	547	\$ 136.75	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	412,280	\$ 44,361.33	\$ 0.1076	412,280	\$ 44,361.33	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 61,389.40			\$ 36,411.60	\$ (24,977.80)	-40.69%
HST	13%		\$ 7,980.62	13%		\$ 4,733.51	\$ (3,247.11)	-40.69%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 69,370.03			\$ 41,145.11	\$ (28,224.91)	-40.69%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	10,000	kWh
Demand	29	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.13	1	\$ 3.13	\$ 3.28	1	\$ 3.28	\$ 0.15	4.79%
Distribution Volumetric Rate	\$ 46.7525	29	\$ 1,355.82	\$ 48.9265	29	\$ 1,418.87	\$ 63.05	4.65%
Fixed Rate Riders	\$ 0.32	1	\$ 0.32	\$ 0.32	1	\$ 0.32	\$ -	0.00%
Volumetric Rate Riders	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 1,359.27			\$ 1,422.47	\$ 63.20	4.65%
Line Losses on Cost of Power	\$ 0.0937	307	\$ 28.76	\$ 0.0937	307	\$ 28.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.6520	29	\$ 18.91	\$ 0.7095	29	\$ 20.58	\$ 1.67	8.82%
CBR Class B Rate Riders	-\$ 0.0041	29	\$ (0.12)	-\$ 0.0085	29	\$ (0.25)	\$ (0.13)	107.32%
GA Rate Riders	\$ -	10,000	\$ -	\$ -	10,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0753	29	\$ 2.18	\$ 0.0753	29	\$ 2.18	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	29	\$ -	\$ -	29	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,409.00			\$ 1,473.74	\$ 64.74	4.59%
RTSR - Network	\$ 2.7690	29	\$ 80.30	\$ 2.7621	29	\$ 80.10	\$ (0.20)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3301	29	\$ 38.57	\$ 1.3843	29	\$ 40.14	\$ 1.57	4.07%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,527.88			\$ 1,593.98	\$ 66.11	4.33%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	10,307	\$ 46.38	\$ 0.0045	10,307	\$ 46.38	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	10,307	\$ 7.21	\$ 0.0007	10,307	\$ 7.21	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	6,300	\$ 466.20	\$ 0.0740	6,300	\$ 466.20	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	1,800	\$ 183.60	\$ 0.1020	1,800	\$ 183.60	\$ -	0.00%
TOU - On Peak	\$ 0.1510	1,900	\$ 286.90	\$ 0.1510	1,900	\$ 286.90	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 2,518.42			\$ 2,584.53	\$ 66.11	2.62%
HST	13%		\$ 327.39	13%		\$ 335.99	\$ 8.59	2.62%
Ontario Electricity Rebate	11.7%		\$ (294.66)	11.7%		\$ (302.39)	\$ (7.73)	-
Total Bill on TOU			\$ 2,551.16			\$ 2,618.13	\$ 66.97	2.62%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class: **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **1,382,000** kWh

Demand **2,574** kW

Current Loss Factor **1.0307**

Proposed/Approved Loss Factor **1.0307**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2,342.7	2574	\$ 6,030.11	\$ 2,451.6	2574	\$ 6,310.42	\$ 280.31	4.65%
Fixed Rate Riders	\$ 113.95	1	\$ 113.95	\$ 113.95	1	\$ 113.95	\$ -	0.00%
Volumetric Rate Riders	\$ -	2574	\$ -	\$ -	2574	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 6,144.06			\$ 6,424.37	\$ 280.31	4.56%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1,171.2	2,574	\$ 3,014.67	\$ 1,765.4	2,574	\$ 4,544.14	\$ 1,529.47	50.73%
CBR Class B Rate Riders	-\$ 0.0549	2,574	\$ (141.31)	-\$ 0.0913	2,574	\$ (235.01)	\$ (93.69)	66.30%
GA Rate Riders	-\$ 0.0045	1,382,000	\$ (6,219.00)	-\$ 0.0050	1,382,000	\$ (6,910.00)	\$ (691.00)	11.11%
Low Voltage Service Charge	\$ -	2,574	\$ -	\$ -	2,574	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,574	\$ -	\$ -	2,574	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 2,798.42			\$ 3,823.50	\$ 1,025.09	36.63%
RTSR - Network	\$ 3,568.0	2,574	\$ 9,184.03	\$ 3,559.1	2,574	\$ 9,161.12	\$ (22.91)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 2,203.9	2,574	\$ 5,672.84	\$ 2,293.8	2,574	\$ 5,904.24	\$ 231.40	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 17,655.29			\$ 18,888.87	\$ 1,233.58	6.99%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	1,424,427	\$ 6,409.92	\$ 0.0045	1,424,427	\$ 6,409.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	1,424,427	\$ 997.10	\$ 0.0007	1,424,427	\$ 997.10	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	1,424,427	\$ 153,268.39	\$ 0.1076	1,424,427	\$ 153,268.39	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 178,330.95			\$ 179,564.53	\$ 1,233.58	0.69%
HST	13%		\$ 23,183.02	13%		\$ 23,343.39	\$ 160.37	0.69%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 201,513.97			\$ 202,907.92	\$ 1,393.95	0.69%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	-	kWh
Demand	8,280	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.8185	8280	\$ 15,057.18	\$ 1.9031	8280	\$ 15,757.67	\$ 700.49	4.65%
Fixed Rate Riders	\$ 113.95	1	\$ 113.95	\$ 113.95	1	\$ 113.95	\$ -	0.00%
Volumetric Rate Riders	\$ -	8280	\$ -	\$ -	8280	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 15,171.13			\$ 15,871.62	\$ 700.49	4.62%
Line Losses on Cost of Power	\$ 0.1076	-	\$ -	\$ 0.1076	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.7007	8,280	\$ 5,801.80	\$ 0.2539	8,280	\$ 2,102.29	\$ (3,699.50)	-63.76%
CBR Class B Rate Riders	\$ -	8,280	\$ -	\$ -	8,280	\$ -	\$ -	
GA Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1248	8,280	\$ 1,033.34	\$ 0.1248	8,280	\$ 1,033.34	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	8,280	\$ -	\$ -	8,280	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22,006.27			\$ 19,007.25	\$ (2,999.02)	-13.63%
RTSR - Network	\$ 3.5680	8,280	\$ 29,543.04	\$ 3.5591	8,280	\$ 29,469.35	\$ (73.69)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2039	8,280	\$ 18,248.29	\$ 2.2938	8,280	\$ 18,992.66	\$ 744.37	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 69,797.60			\$ 67,469.27	\$ (2,328.34)	-3.34%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	-	\$ -	\$ 0.0045	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	-	\$ -	\$ 0.0007	-	\$ -	\$ -	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	-	\$ -	\$ 0.1076	-	\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 69,797.85			\$ 67,469.52	\$ (2,328.34)	-3.34%
HST	13%		\$ 9,073.72	13%		\$ 8,771.04	\$ (302.68)	-3.34%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 78,871.57			\$ 76,240.55	\$ (2,631.02)	-3.34%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	50,000	kWh
Demand	27	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 10.4085	27	\$ 281.03	\$ 10.8925	27	\$ 294.10	\$ 13.07	4.65%
Fixed Rate Riders	\$ 113.95	1	\$ 113.95	\$ 113.95	1	\$ 113.95	\$ -	0.00%
Volumetric Rate Riders	\$ -	27	\$ -	\$ -	27	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 394.98			\$ 408.05	\$ 13.07	3.31%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 2.5232	27	\$ 68.13	\$ 2.8858	27	\$ 77.92	\$ 9.79	14.37%
CBR Class B Rate Riders	-\$ 0.0369	27	\$(1.00)	-\$ 0.0604	27	\$(1.63)	\$(0.63)	63.69%
GA Rate Riders	-\$ 0.0045	50,000	\$(225.00)	-\$ 0.0050	50,000	\$(250.00)	\$(25.00)	11.11%
Low Voltage Service Charge	\$ 0.1030	27	\$ 2.78	\$ 0.1030	27	\$ 2.78	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	27	\$ -	\$ -	27	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 239.89			\$ 237.11	\$ (2.78)	-1.16%
RTSR - Network	\$ 3.9850	27	\$ 107.60	\$ 3.9751	27	\$ 107.33	\$ (0.27)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8192	27	\$ 49.12	\$ 1.8934	27	\$ 51.12	\$ 2.00	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 396.60			\$ 395.56	\$ (1.04)	-0.26%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	51,535	\$ 231.91	\$ 0.0045	51,535	\$ 231.91	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	51,535	\$ 36.07	\$ 0.0007	51,535	\$ 36.07	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	51,535	\$ 5,545.17	\$ 0.1076	51,535	\$ 5,545.17	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 6,210.00			\$ 6,208.96	\$ (1.04)	-0.02%
HST	13%		\$ 807.30	13%		\$ 807.17	\$ (0.14)	-0.02%
Ontario Electricity Rebate	11.7%		\$(726.57)	11.7%		\$(726.45)	\$ (0.12)	-0.02%
Total Bill on Average IESO Wholesale Market Price			\$ 7,017.30			\$ 7,016.13	\$ (1.18)	-0.02%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class: **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **1,300,000** kWh

Demand **2,340** kW

Current Loss Factor **1.0307**

Proposed/Approved Loss Factor **1.0307**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 77.49	1	\$ 77.49	\$ 81.09	1	\$ 81.09	\$ 3.60	4.65%
Distribution Volumetric Rate	\$ 1.3110	2340	\$ 3,067.74	\$ 1.3720	2340	\$ 3,210.48	\$ 142.74	4.65%
Fixed Rate Riders	\$ 113.95	1	\$ 113.95	\$ 113.95	1	\$ 113.95	\$ -	0.00%
Volumetric Rate Riders	\$ -	2340	\$ -	\$ -	2340	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 3,259.18			\$ 3,405.52	\$ 146.34	4.49%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 1.1326	2,340	\$ 2,650.28	\$ 1.7768	2,340	\$ 4,157.71	\$ 1,507.43	56.88%
CBR Class B Rate Riders	-\$ 0.0531	2,340	\$(124.25)	-\$ 0.0902	2,340	\$(211.07)	\$(86.81)	69.87%
GA Rate Riders	-\$ 0.0045	1,300,000	\$(5,850.00)	-\$ 0.0050	1,300,000	\$(6,500.00)	\$(650.00)	11.11%
Low Voltage Service Charge	\$ -	2,340	\$ -	\$ -	2,340	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	2,340	\$ -	\$ -	2,340	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ (64.79)			\$ 852.16	\$ 916.95	-1415.27%
RTSR - Network	\$ 3.9850	2,340	\$ 9,324.90	\$ 3.9751	2,340	\$ 9,301.73	\$(23.17)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8191	2,340	\$ 4,256.69	\$ 1.8933	2,340	\$ 4,430.32	\$ 173.63	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 13,516.80			\$ 14,584.22	\$ 1,067.42	7.90%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	1,339,910	\$ 6,029.60	\$ 0.0045	1,339,910	\$ 6,029.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	1,339,910	\$ 937.94	\$ 0.0007	1,339,910	\$ 937.94	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	1,339,910	\$ 144,174.32	\$ 0.1076	1,339,910	\$ 144,174.32	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 164,658.90			\$ 165,726.32	\$ 1,067.42	0.65%
HST	13%		\$ 21,405.66	13%		\$ 21,544.42	\$ 138.76	0.65%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 186,064.56			\$ 187,270.74	\$ 1,206.18	0.65%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class: **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2**

RPP / Non-RPP: **Non-RPP (Other)**

Consumption **1,990,000** kWh

Demand **4,050** kW

Current Loss Factor **1.0307**

Proposed/Approved Loss Factor **1.0307**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 77.49	1	\$ 77.49	\$ 81.09	1	\$ 81.09	\$ 3.60	4.65%
Distribution Volumetric Rate	\$ -	4050	\$ -	\$ -	4050	\$ -	\$ -	
Fixed Rate Riders	\$ 113.95	1	\$ 113.95	\$ 113.95	1	\$ 113.95	\$ -	0.00%
Volumetric Rate Riders	\$ -	4050	\$ -	\$ -	4050	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 191.44			\$ 195.04	\$ 3.60	1.88%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.8476	4,050	\$ 3,432.78	\$ 1.4352	4,050	\$ 5,812.56	\$ 2,379.78	69.33%
CBR Class B Rate Riders	-\$ 0.0412	4,050	\$ (166.86)	-\$ 0.0724	4,050	\$ (293.22)	\$ (126.36)	75.73%
GA Rate Riders	-\$ 0.0045	1,990,000	\$ (8,955.00)	-\$ 0.0050	1,990,000	\$ (9,950.00)	\$ (995.00)	11.11%
Low Voltage Service Charge	\$ -	4,050	\$ -	\$ -	4,050	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	4,050	\$ -	\$ -	4,050	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ (5,497.64)			\$ (4,235.62)	\$ 1,262.02	-22.96%
RTSR - Network	\$ -	4,050	\$ -	\$ -	4,050	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	4,050	\$ -	\$ -	4,050	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ (5,497.64)			\$ (4,235.62)	\$ 1,262.02	-22.96%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	2,051,093	\$ 9,229.92	\$ 0.0045	2,051,093	\$ 9,229.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	2,051,093	\$ 1,435.77	\$ 0.0007	2,051,093	\$ 1,435.77	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	2,051,093	\$ 220,697.61	\$ 0.1076	2,051,093	\$ 220,697.61	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 225,865.90			\$ 227,127.92	\$ 1,262.02	0.56%
HST	13%		\$ 29,362.57	13%		\$ 29,526.63	\$ 164.06	0.56%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 255,228.47			\$ 256,654.55	\$ 1,426.08	0.56%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	328	kWh
Demand	-	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 30.84	1	\$ 30.84	\$ 32.27	1	\$ 32.27	\$ 1.43	4.64%
Distribution Volumetric Rate	\$ -	328	\$ -	\$ -	328	\$ -	\$ -	-
Fixed Rate Riders	\$ 0.85	1	\$ 0.85	\$ 0.85	1	\$ 0.85	\$ -	0.00%
Volumetric Rate Riders	\$ -	328	\$ -	\$ -	328	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 31.69			\$ 33.12	\$ 1.43	4.51%
Line Losses on Cost of Power	\$ 0.0937	10	\$ 0.94	\$ 0.0937	10	\$ 0.94	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0034	328	\$ 1.12	\$ 0.0044	328	\$ 1.44	\$ 0.33	29.41%
CBR Class B Rate Riders	-\$ 0.0001	328	\$ (0.03)	-\$ 0.0002	328	\$ (0.07)	\$ (0.03)	100.00%
GA Rate Riders	\$ -	328	\$ -	\$ -	328	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0003	328	\$ 0.10	\$ 0.0003	328	\$ 0.10	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	328	\$ -	\$ -	328	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 34.23			\$ 35.96	\$ 1.73	5.04%
RTSR - Network	\$ 0.0090	338	\$ 3.04	\$ 0.0090	338	\$ 3.04	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0050	338	\$ 1.69	\$ 0.0052	338	\$ 1.76	\$ 0.07	4.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 38.97			\$ 40.76	\$ 1.79	4.60%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	338	\$ 1.52	\$ 0.0045	338	\$ 1.52	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	338	\$ 0.24	\$ 0.0007	338	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0740	207	\$ 15.29	\$ 0.0740	207	\$ 15.29	\$ -	0.00%
TOU - Mid Peak	\$ 0.1020	59	\$ 6.02	\$ 0.1020	59	\$ 6.02	\$ -	0.00%
TOU - On Peak	\$ 0.1510	62	\$ 9.41	\$ 0.1510	62	\$ 9.41	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 71.70			\$ 73.49	\$ 1.79	2.50%
HST	13%		\$ 9.32	13%		\$ 9.55	\$ 0.23	2.50%
Ontario Electricity Rebate	11.7%		\$ (8.39)	11.7%		\$ (8.60)	\$ (0.21)	-
Total Bill on TOU			\$ 72.63			\$ 74.45	\$ 1.82	2.50%

Customer Class: **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

RPP / Non-RPP: **Non-RPP (Retailer)**

Consumption **20,000** kWh

Demand **-** kW

Current Loss Factor **1.0307**

Proposed/Approved Loss Factor **1.0307**

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 16.61	1	\$ 16.61	\$ 17.38	1	\$ 17.38	\$ 0.77	4.64%
Distribution Volumetric Rate	\$ 0.0177	20000	\$ 354.00	\$ 0.0185	20000	\$ 370.00	\$ 16.00	4.52%
Fixed Rate Riders	\$ 1.70	1	\$ 1.70	\$ 1.70	1	\$ 1.70	\$ -	0.00%
Volumetric Rate Riders	\$ -	20000	\$ -	\$ 0.0035	20000	\$ 70.00	\$ 70.00	
Sub-Total A (excluding pass through)			\$ 372.31			\$ 459.08	\$ 86.77	23.31%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.0034	20,000	\$ 68.00	\$ 0.0046	20,000	\$ 92.00	\$ 24.00	35.29%
CBR Class B Rate Riders	-\$ 0.0001	20,000	\$ (2.00)	-\$ 0.0002	20,000	\$ (4.00)	\$ (2.00)	100.00%
GA Rate Riders	-\$ 0.0045	20,000	\$ (90.00)	-\$ 0.0050	20,000	\$ (100.00)	\$ (10.00)	11.11%
Low Voltage Service Charge	\$ 0.0002	20,000	\$ 4.00	\$ 0.0002	20,000	\$ 4.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.42	1	\$ 0.42	\$ 0.42	1	\$ 0.42	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	20,000	\$ -	\$ -	20,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 352.73			\$ 451.50	\$ 98.77	28.00%
RTSR - Network	\$ 0.0081	20,614	\$ 166.97	\$ 0.0081	20,614	\$ 166.97	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0044	20,614	\$ 90.70	\$ 0.0046	20,614	\$ 94.82	\$ 4.12	4.55%
Sub-Total C - Delivery (including Sub-Total B)			\$ 610.41			\$ 713.30	\$ 102.89	16.86%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	20,614	\$ 92.76	\$ 0.0045	20,614	\$ 92.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	20,614	\$ 14.43	\$ 0.0007	20,614	\$ 14.43	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1076	20,614	\$ 2,218.07	\$ 0.1076	20,614	\$ 2,218.07	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 2,935.66			\$ 3,038.56	\$ 102.89	3.50%
HST	13%		\$ 381.64	13%		\$ 395.01	\$ 13.38	3.50%
Ontario Electricity Rebate	11.7%		\$ (343.47)	11.7%		\$ (355.51)	\$ (12.04)	-3.50%
Total Bill on Non-RPP Avg. Price			\$ 3,317.30			\$ 3,433.57	\$ 116.27	3.50%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Customer Class:	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	5,253,646	kWh
Demand	8,280	kW
Current Loss Factor	1.0307	
Proposed/Approved Loss Factor	1.0307	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.8185	8280	\$ 15,057.18	\$ 1.9031	8280	\$ 15,757.67	\$ 700.49	4.65%
Fixed Rate Riders	\$ 113.95	1	\$ 113.95	\$ 113.95	1	\$ 113.95	\$ -	0.00%
Volumetric Rate Riders	\$ -	8280	\$ -	\$ -	8280	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 15,171.13			\$ 15,871.62	\$ 700.49	4.62%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.7007	8,280	\$ 5,801.80	\$ 0.2539	8,280	\$ 2,102.29	\$ (3,699.50)	-63.76%
CBR Class B Rate Riders	\$ -	8,280	\$ -	\$ -	8,280	\$ -	\$ -	
GA Rate Riders	\$ -	5,253,646	\$ -	\$ -	5,253,646	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.1248	8,280	\$ 1,033.34	\$ 0.1248	8,280	\$ 1,033.34	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	8,280	\$ -	\$ -	8,280	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22,006.27			\$ 19,007.25	\$ (2,999.02)	-13.63%
RTSR - Network	\$ 3.5680	8,280	\$ 29,543.04	\$ 3.5591	8,280	\$ 29,469.35	\$ (73.69)	-0.25%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2039	8,280	\$ 18,248.29	\$ 2.2938	8,280	\$ 18,992.66	\$ 744.37	4.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 69,797.60			\$ 67,469.27	\$ (2,328.34)	-3.34%
Wholesale Market Service Charge (WMSC)	\$ 0.0045	5,414,933	\$ 24,367.20	\$ 0.0045	5,414,933	\$ 24,367.20	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0007	5,414,933	\$ 3,790.45	\$ 0.0007	5,414,933	\$ 3,790.45	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1076	5,414,933	\$ 582,646.78	\$ 0.1076	5,414,933	\$ 582,646.78	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 680,602.29			\$ 678,273.95	\$ (2,328.34)	-0.34%
HST	13%		\$ 88,478.30	13%		\$ 88,175.61	\$ (302.68)	-0.34%
Ontario Electricity Rebate	11.7%		\$ -	11.7%		\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 769,080.58			\$ 766,449.56	\$ (2,631.02)	-0.34%

In the manager's summary, discuss the reasoning for the change in RTSR rates

Attachment B-1: 2023 Approved Tariff of Rates and Charges for GBE(BPI) Rate Zone

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2022-0017

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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 the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.79
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0107
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0063

MONTHLY RATES AND CHARGES - Regulatory Component

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	32.96
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0119
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0095
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056

MONTHLY RATES AND CHARGES - Regulatory Component

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
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GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of 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 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.

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.

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	\$	253.89
Distribution Volumetric Rate	\$/kW	3.6159
Retail Transmission Rate - Network Service Rate	\$/kW	3.2513
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8887

MONTHLY RATES AND CHARGES - Regulatory Component

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an account of a electricity distributor licensed by the Ontario Energy Board that is provided electricity by a host distributor. 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

Service Charge	\$	547.05
Distribution Volumetric Rate	\$/kW	2.7828
Retail Transmission Rate - Network Service Rate	\$/kW	3.2513
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8887

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
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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

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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GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 (per connection)	\$	5.25
Distribution Volumetric Rate	\$/kW	25.1909
Retail Transmission Rate - Network Service Rate	\$/kW	3.0359
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7640

MONTHLY RATES AND CHARGES - Regulatory Component

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photocells. The consumption for these customers will be based on the calculated load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 (per connection)	\$	1.78
Distribution Volumetric Rate	\$/kW	7.4476
Retail Transmission Rate - Network Service Rate	\$/kW	3.1279
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7435

MONTHLY RATES AND CHARGES - Regulatory Component

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone boots, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/ documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 (per connection)	\$	9.56
Distribution Volumetric Rate	\$/kWh	0.0067
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0056

MONTHLY RATES AND CHARGES - Regulatory Component

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount

(e.g. nameplate rating of the generation facility).

\$/kW

1.8634

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES**APPLICATION**

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

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

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	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Late payment - per annum	%	19.56
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Other

Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Specific charge for access to the power poles - per pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	36.05
Meter removal without authorization	\$	60.00

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2023
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RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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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	\$	111.66
Monthly fixed charge, per retailer	\$	44.67
Monthly variable charge, per customer, per retailer	\$/cust.	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.56
Processing fee, per request, applied to the requesting party	\$	1.11
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
up to twice a year	\$	no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.47
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.23

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0290
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0188

Attachment B-2: 2023 Approved Tariff of Rates and Charges for GBE(E+) Rate Zone

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date July 1, 2023
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EB-2022-0305

RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex, or quadruplex house, with a residential zoning. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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	\$	30.84
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	0.56
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.29
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kWh	0.0020
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	0.0014
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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EB-2022-0305

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	16.61
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	1.12
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.58
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0177
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kWh	0.0019
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	0.0015
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date July 1, 2023
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EB-2022-0305

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Class B consumers are defined in accordance with O.Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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.

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.

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.

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date July 1, 2023
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EB-2022-0305

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	113.62
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	14.23
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	7.62
Distribution Volumetric Rate	\$/kW	4.2013
Low Voltage Service Rate	\$/kW	0.1455
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.2499
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.0633
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0353)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023 Applicable only for Non-Wholesale Market Participants	\$/kW	0.0483
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.4220
Retail Transmission Rate - Network Service Rate	\$/kW	4.7381
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	2.5702
Retail Transmission Rate - Network Service Rate - Interval Metered <1000 kW	\$/kW	4.7712
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered <1000 kW (see Gross Load Billing Note)	\$/kW	2.5962

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of 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.

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.

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.

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	959.65
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	163.21
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	78.10
Distribution Volumetric Rate	\$/kW	4.2343
Low Voltage Service Rate	\$/kW	0.1010
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.3263
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.1489
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0472)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023 Applicable only for Non-Wholesale Market Participants	\$/kW	0.0631
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.5656
Retail Transmission Rate - Network Service Rate	\$/kW	3.4689
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.7835

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
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LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to an account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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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.

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.

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.

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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EB-2022-0305

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	9,965.05
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	677.63
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	333.81
Distribution Volumetric Rate	\$/kW	1.8512
Low Voltage Service Rate	\$/kW	0.1019
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.9383
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.6054
Retail Transmission Rate - Network Service Rate	\$/kW	3.5680
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.7994

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
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EB-2022-0305

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 (per connection)	\$	6.46
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	0.21
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.12
Distribution Volumetric Rate	\$/kWh	0.0159
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kWh	0.0020
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kWh	0.0015
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0044

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date July 1, 2023
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EB-2022-0305

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. 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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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 (per connection)	\$	2.11
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	0.06
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.03
Distribution Volumetric Rate	\$/kW	16.9950
Low Voltage Service Rate	\$/kW	0.0779
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.4600
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0397)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.5272
Retail Transmission Rate - Network Service Rate	\$/kW	2.5242
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3755

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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EB-2022-0305

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential, General Service or Large Use customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.13
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	0.21
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.11
Distribution Volumetric Rate	\$/kW	46.7525
Low Voltage Service Rate	\$/kW	0.0753
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0041)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.5910
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.0610
Retail Transmission Rate - Network Service Rate	\$/kW	2.7690
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3301

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
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EB-2022-0305

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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

Distribution Volumetric Rate	\$/kW	2.3427
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.4436
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0549)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.7276
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	50.85
Retail Transmission Rate - Network Service Rate	\$/kW	3.5680
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2039

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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EB-2022-0305

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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

Distribution Volumetric Rate	\$/kW	1.8185
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	50.85
Low Voltage Service Rate	\$/kW	0.1248
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.0111
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.6896
Retail Transmission Rate - Network Service Rate	\$/kW	3.5680
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2039

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Distribution Volumetric Rate	\$/kW	10.4085
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	50.85
Low Voltage Service Rate	\$/kW	0.1030
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	2.0330
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0369)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.4902
Retail Transmission Rate - Network Service Rate	\$/kW	3.9850
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8192

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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EB-2022-0305

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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	\$	77.49
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	50.85
Distribution Volumetric Rate	\$/kW	1.3110
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.4284
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0531)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.7042
Retail Transmission Rate - Network Service Rate	\$/kW	3.9850
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8191

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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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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	\$	77.49
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	50.85
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.3015
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0412)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until December 31, 2023	\$/kW	0.5461

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
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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

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Credit reference/credit check (plus credit agency costs)	\$	15.00

Non-Payment of Account

Late payment - per month	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	36.05
Service call - customer owned equipment	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	165.00

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RETAIL SERVICE CHARGES (if applicable)

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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	\$	111.66
Monthly fixed charge, per retailer	\$	44.67
Monthly variable charge, per customer, per retailer	\$/cust.	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.56
Processing fee, per request, applied to the requesting party	\$	1.11
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.47
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.23

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0307
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0204
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date July 1, 2023
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2022-0305

GROSS LOAD BILLING NOTE

The Billing Demand for Line and Transformation Connection Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Biogas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

Attachment C-1: 2024 Proposed Tariff of Rates and Charges for GBE(BPI) Rate Zone

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2023-0023

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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 the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.13
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0038)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kWh	0.0039
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0114
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0072

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	34.49
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0125
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0038)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kWh	0.0042
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0101
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0064

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

GENERAL SERVICE GREATER THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of 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 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.

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.

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	\$	265.70
Distribution Volumetric Rate	\$/kW	3.7840
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0038)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kW	(0.0212)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.5553
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.1336
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kW	(0.0865)
Retail Transmission Rate - Network Service Rate	\$/kW	3.4650
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1486

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES**

Effective and Implementation Date January 1, 2024

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

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an account of a electricity distributor licensed by the Ontario Energy Board that is provided electricity by a host distributor. 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

Service Charge	\$	572.49
Distribution Volumetric Rate	\$/kW	2.9122
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.1333
Retail Transmission Rate - Network Service Rate	\$/kW	3.4650
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1486

**GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES**

Effective and Implementation Date January 1, 2024

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

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 (per connection)	\$	5.49
Distribution Volumetric Rate	\$/kW	26.3623
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0038)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.4400
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kW	(0.0775)
Retail Transmission Rate - Network Service Rate	\$/kW	3.2354
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0068

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photocells. The consumption for these customers will be based on the calculated load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 (per connection)	\$	1.86
Distribution Volumetric Rate	\$/kW	7.7939
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0038)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.5492
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kW	(0.0791)
Retail Transmission Rate - Network Service Rate	\$/kW	3.3335
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9834

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2024

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/ documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 (per connection)	\$	10.00
Distribution Volumetric Rate	\$/kWh	0.0070
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kWh	0.0043
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0064

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES**

Effective and Implementation Date January 1, 2024

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

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	\$/kW	1.9500
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ALLOWANCES

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

GrandBridge Energy Inc.
Brantford Power Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

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	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Late payment - per annum	%	19.56
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Other

Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Specific charge for access to the power poles - per pole/year (with the exception of wireless attachments) - Approved on an Interim Basis	\$	37.78
Meter removal without authorization	\$	60.00

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	117.02
Monthly fixed charge, per retailer	\$	46.81
Monthly variable charge, per customer, per retailer	\$/cust.	1.16
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.69
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.69)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.59
Processing fee, per request, applied to the requesting party	\$	1.16
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
up to twice a year	\$	no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.68
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.34

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.029
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.018

Attachment C-2: 2024 Proposed Tariff of Rates and Charges for GBE(E+) Rate Zone

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2023-0023

RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex, or quadruplex house, with a residential zoning. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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	\$	32.27
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	0.56
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.29
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kWh	0.0024
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kWh	0.0020
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.38
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	1.12
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.58
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0185
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kWh	0.0035
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kWh	0.0027
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kWh	0.0019
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Class B consumers are defined in accordance with O.Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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.

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.

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	\$	118.90
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	14.23
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	7.62
Distribution Volumetric Rate	\$/kW	4.3967
Low Voltage Service Rate	\$/kW	0.1455
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kW	0.0133
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.7410
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	0.1468
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.2499
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.0633
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kW	(0.0246)

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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

Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0353)
Retail Transmission Rate - Network Service Rate	\$/kW	4.7263
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)		
	\$/kW	2.6750
Retail Transmission Rate - Network Service Rate - Interval Metered <1000 kW	\$/kW	4.7593
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered <1000 kW (see Gross Load Billing Note)		
	\$/kW	2.7020
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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

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

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of 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.

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.

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	\$	1,004.27
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	163.21
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	78.10
Distribution Volumetric Rate	\$/kW	4.4312
Low Voltage Service Rate	\$/kW	0.1010
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kW	(0.4773)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.9546
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	0.1942
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.3263
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.1489

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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

Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kW	(0.0291)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0472)
Retail Transmission Rate - Network Service Rate	\$/kW	3.4603
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)		

\$/kW 1.8562

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to an account whose average monthly peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of 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.

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.

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	\$	10,428.42
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	677.63
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	333.81
Distribution Volumetric Rate	\$/kW	1.9373
Low Voltage Service Rate	\$/kW	0.1019
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kW	(0.0096)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.2439
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.9383
Retail Transmission Rate - Network Service Rate	\$/kW	3.5591
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Gross Load Billing Note)	\$/kW	1.8728

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 (per connection)	\$	6.76
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	0.21
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	0.12
Distribution Volumetric Rate	\$/kWh	0.0166
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kWh	0.0028
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kWh	0.0020
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. 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 (per connection)	\$	2.21
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	0.06
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	0.03
Distribution Volumetric Rate	\$/kW	17.7853
Low Voltage Service Rate	\$/kW	0.0779
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2024) - effective until December 31, 2024	\$/kW	(36.7620)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.0016
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.4600
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024		
Applicable only for Class B Customers	\$/kW	(0.0275)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024		
Applicable only for Class B Customers	\$/kW	(0.0397)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5179
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4316

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential, General Service or Large Use customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. 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 prices, 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 (per connection)	\$	3.28
Rate Rider for Recovery of Advanced Capital Module - effective until the date of the next cost of service-based rate order	\$	0.21
Rate Rider for Recovery of Incremental Capital - effective until the effective date of the next cost of service based rate order	\$	0.11
Distribution Volumetric Rate	\$/kW	48.9265
Low Voltage Service Rate	\$/kW	0.0753
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024 Applicable only for Class B Customers	\$/kW	(0.0044)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	0.1185
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024 Applicable only for Class B Customers	\$/kW	(0.0041)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.5910
Retail Transmission Rate - Network Service Rate	\$/kW	2.7621
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3843

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE CND

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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

Distribution Volumetric Rate	\$/kW	2.4516
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.3218
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.4436
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024		
Applicable only for Class B Customers	\$/kW	(0.0364)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024		
Applicable only for Class B Customers	\$/kW	(0.0549)
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	50.85
Retail Transmission Rate - Network Service Rate	\$/kW	3.5591
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2938

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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approved schedules of Rates, Charges and Loss Factors

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - WATERLOO

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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

Distribution Volumetric Rate	\$/kW	1.9031
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	50.85
Low Voltage Service Rate	\$/kW	0.1248
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	0.2428
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.0111
Retail Transmission Rate - Network Service Rate	\$/kW	3.5591
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2938

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - BRANTFORD

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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

Distribution Volumetric Rate	\$/kW	10.8925
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	50.85
Low Voltage Service Rate	\$/kW	0.1030
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	0.8528
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	2.0330
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024		
Applicable only for Class B Customers	\$/kW	(0.0235)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024		
Applicable only for Class B Customers	\$/kW	(0.0369)
Retail Transmission Rate - Network Service Rate	\$/kW	3.9751
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8934

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024

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

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #1

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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	\$	81.09
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	50.85
Distribution Volumetric Rate	\$/kW	1.3720
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.3484
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.4284
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024		
Applicable only for Class B Customers	\$/kW	(0.0371)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024		
Applicable only for Class B Customers	\$/kW	(0.0531)
Retail Transmission Rate - Network Service Rate	\$/kW	3.9751
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8933

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - HYDRO ONE #2

This classification applies to an electricity distributor licenced by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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	\$	81.09
Rate Rider for Recovery of Advanced Capital Module		
- effective until the date of the next cost of service-based rate order	\$	63.10
Rate Rider for Recovery of Incremental Capital		
- effective until the effective date of the next cost of service based rate order	\$	50.85
Rate Rider for Disposition of Global Adjustment Account (2024) - effective until December 31, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2024) - effective until December 31, 2024	\$/kW	1.1337
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until July 1, 2024		
Applicable only for Non-RPP Customers	\$/kWh	(0.0045)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until July 1, 2024	\$/kW	0.3015
Rate Rider for Disposition of Capacity Based Recovery Account (2024) - effective until December 31, 2024		
Applicable only for Class B Customers	\$/kW	(0.0312)
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until July 1, 2024		
Applicable only for Class B Customers	\$/kW	(0.0412)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
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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

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	\$	4.55
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ALLOWANCES

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

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Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
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SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Credit reference/credit check (plus credit agency costs)	\$	15.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)		
	\$	37.78
Service call - customer owned equipment	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	165.00

GrandBridge Energy Inc.
Energy+ Rate Zone
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2024
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RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	117.02
Monthly fixed charge, per retailer	\$	46.81
Monthly variable charge, per customer, per retailer	\$/cust.	1.16
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.69
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.69)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.59
Processing fee, per request, applied to the requesting party	\$	1.16
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.68
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.34

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0307
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0204
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Attachment D-1: Global Adjustment Work Form for GBE(BPI) Rate Zone

GA Analysis Workform for 2024 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name	GrandBridge Energy Inc.-Brantford Power Rate Zone
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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

2020

(e.g. If the 2021 balances that were reviewed in the 2023 rate application were to be selected, select 2021)

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 2021 balances were last approved on a final basis - Select 2021 and a GA Analysis Workform for 2022 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 • Scenario bi - If 2021 balances were last approved on an interim basis and there are no changes to 2021 balances - Select 2021 and a GA Analysis Workform for 2022 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 • Scenario bii - If 2021 balances were last approved on an interim basis, there are changes to 2021 balances, and 2020 balances were last approved for disposition - Select 2020 and GA Analysis Workforms for 2021 and 2022 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
2021	\$ (959,247)	\$ (635,667)	\$ (141,661)	\$ (777,328)	\$ 181,919	\$ 25,902,563	0.7%
2022	\$ (531,250)	\$ (120,043)	\$ (272,830)	\$ (392,873)	\$ 138,378	\$ 18,129,218	0.8%
Cumulative Balance	\$ (1,490,497)	\$ (755,710)	\$ (414,491)	\$ (1,170,201)	\$ 320,296	\$ 44,031,781	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2021	-0.7%
2022	0.0%
Cumulative Balance	-0.3%

GA Analysis Workform

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

Year	2021			
Total Metered excluding WMP	C = A+B	956,481,736	kWh	100%
RPP	A	408,882,859	kWh	42.7%
Non-RPP	B = D+E	547,598,877	kWh	57.3%
Non-RPP Class A	D	228,008,887	kWh	23.8%
Non-RPP Class B*	E	319,589,990	kWh	33.4%

*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 this GA rate for 2021 includes the GA recovery rate to recover the 2020 deferred Class B amount for non-RPP market participants and consumers.

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details Yes 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 Yes No

Note 4 Analysis of Expected GA Amount

Year	2021									
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 = P J	L	M = P L	N=M-K	
January	25,427,950	27,865,217	28,784,304	26,347,038	0.09032	\$ 2,395,473	0.08798	\$ 2,318,012	\$ (77,460)	
February	26,070,846	28,784,304	27,298,993	24,575,534	0.10485	\$ 2,576,745	0.05751	\$ 1,413,339	\$ (1,163,406)	
March	24,796,431	27,298,993	29,636,146	27,143,585	0.08420	\$ 2,285,490	0.06668	\$ 2,624,242	\$ 338,752	
April	27,145,666	29,636,146	27,540,560	25,050,079	0.06369	\$ 1,745,740	0.11589	\$ 2,903,054	\$ 1,157,314	
May	25,170,060	27,540,560	28,630,310	26,259,811	0.10531	\$ 2,765,421	0.10675	\$ 2,803,235	\$ 37,814	
June	26,441,545	28,630,310	33,281,576	31,092,810	0.11352	\$ 3,529,656	0.09216	\$ 2,865,513	\$ (664,142)	
July	31,065,203	33,281,576	31,332,448	29,116,075	0.07612	\$ 2,216,316	0.07918	\$ 2,365,411	\$ 89,095	
August	29,069,132	31,332,448	34,469,075	32,205,759	0.08734	\$ 2,812,851	0.05107	\$ 1,644,748	\$ (1,168,103)	
September	32,269,928	34,469,075	29,431,843	27,232,696	0.05519	\$ 1,502,973	0.06234	\$ 2,242,340	\$ 739,368	
October	27,363,953	29,431,843	28,112,735	26,044,845	0.07402	\$ 1,927,839	0.05840	\$ 1,521,019	\$ (406,820)	
November	26,018,343	28,112,735	27,831,021	25,736,629	0.06342	\$ 1,632,217	0.06012	\$ 1,547,286	\$ (84,931)	
December	25,754,285	27,831,021	28,390,829	26,314,094	0.05443	\$ 1,432,276	0.06515	\$ 1,714,363	\$ 282,087	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	326,593,343	354,204,226	354,729,839	327,118,956		\$ 26,822,996		\$ 25,902,563	\$ (920,433)	

Annual Non-RPP Class B Wholesale kWh	Annual Non-RPP Class B Retail billed kWh**	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)	
O	P	Q=O-P	R	P=O*R	
326,628,784	327,118,956	-	490,172	0.07918	\$ (38,814)

*Equal to (AQEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh).
 **Equal to the total Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (i.e. cell F53), unless a reconciling item for "Impacts of GA deferral/recovery" is quantified and an alternative methodology for calculating the Expected GA Volume Variance is proposed.
 ***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). The weighted average GA actual rate paid in 2021 is generally expected to include the GA recovery rate, unless a reconciling item for "Impacts of GA deferral/recovery" is quantified and an alternative methodology for calculating the Expected GA Volume Variance is proposed.

The weighted average GA actual rate paid in 2021 is generally expected to include the GA recovery rate, unless the distributor is proposing an alternative methodology in calculating the Expected GA Volume Variance and proposing to quantify the reconciling item for "Impacts of GA deferral/recovery".

Total Expected GA Variance	\$ (959,247)
-----------------------------------	---------------------

Calculated Loss Factor	1.0236
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.032
Difference	-0.0084

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%.

Note 5 Reconciling Items

Item	Amount	Explanation	Principal Adjustments
			Principal Adjustment on DVA Continuity Schedule
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (635,667)		
1a CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year			
1b CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year			
2a Remove prior year end unbilled to actual revenue differences			
2b Add current year end unbilled to actual revenue differences			Yes
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/recovery			
6	\$ (141,661)	2021 GA Deferral recovery revenues recorded in 2022	Yes
7			
8			
9			
10			
11			

Note 6 Adjusted Net Change in Principal Balance in the GL	\$ (777,328)
Net Change in Expected GA Balance in the Year Per Analysis	\$ (959,247)
Unresolved Difference	\$ 181,919
Unresolved Difference as % of Expected GA Payments to IESO	0.7%

GA Analysis Workform

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

Year		2022		
Total Metered excluding WMP	C = A+B	992,403,383	kWh	100%
RPP	A	414,408,172	kWh	41.8%
Non-RPP	B = D+E	577,995,211	kWh	58.2%
Non-RPP Class A	D	243,918,094	kWh	24.6%
Non-RPP Class B*	E	334,077,117	kWh	33.7%

*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

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

Yes

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

Yes

Note 4 **Analysis of Expected GA Amount**

Year	2022									
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 = F*J	L	M = F*L	N=M-K	
January	28,971,789			28,971,789	0.04829	\$ 1,399,048	0.04353	\$ 1,261,142	\$ (137,906)	
February	26,490,282			26,490,282	0.05019	\$ 1,329,547	0.05246	\$ 1,389,680	\$ 60,133	
March	28,654,226			28,654,226	0.05500	\$ 1,575,982	0.05941	\$ 1,702,348	\$ 126,366	
April	24,944,370			24,944,370	0.05915	\$ 1,475,459	0.08293	\$ 2,068,637	\$ 593,177	
May	27,914,568			27,914,568	0.05968	\$ 1,665,941	0.08475	\$ 2,365,760	\$ 699,818	
June	30,231,370			30,231,370	0.08293	\$ 2,507,087	0.07868	\$ 2,378,604	\$ (128,483)	
July	31,714,624			31,714,624	0.08475	\$ 2,687,814	0.04008	\$ 1,271,122	\$ (1,416,692)	
August	32,426,305			32,426,305	0.04871	\$ 1,575,485	0.04999	\$ 1,611,807	\$ (1,417,678)	
September	29,947,887			29,947,887	0.04008	\$ 1,160,231	0.03241	\$ 938,201	\$ (222,030)	
October	27,779,338			27,779,338	0.00499	\$ 138,619	0.05771	\$ 1,603,146	\$ 1,464,527	
November	28,952,854			28,952,854	0.04739	\$ 1,372,076	0.06989	\$ 2,023,515	\$ 651,439	
December	28,166,245			28,166,245	0.05962	\$ 1,679,272	0.03427	\$ 965,257	\$ (714,014)	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	345,193,858	-	-	345,193,858		\$ 18,570,563		\$ 18,129,218	\$ (441,345)	

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh	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
343,264,294	345,193,858	1,929,564	0.04659	(89,906)

*Equal to (AQEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh)

**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)

Total Expected GA Variance \$ (631,250)

Calculated Loss Factor 1.0333
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW Difference 0.0013

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.

The kWh volume data used for the BPI Rate Zone is based on billing consumption data that has been allocated to the month.

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

Note 5 **Reconciling Items**

Item	Amount	Explanation	Principal Adjustments
			Principal Adjustment on DVA Continuity Schedule
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	(120,043)		
1a CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year			
1b CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	(279,800)		Yes
2a Remove prior year end unbilled to actual revenue differences			
2b Add current year end unbilled to actual revenue differences	(134,691)		Yes
3a Significant prior period billing adjustments recorded in current year			
3b Significant current period billing adjustments recorded in other year(s)			
4a CT 2148 for prior period corrections			
4b	141,661	2021 GA Deferral recovery revenues recorded in 2022	Yes
5			
6			
7			
8			
9			
10			

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (392,873)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ (531,250)
	Unresolved Difference	\$ 138,378
	Unresolved Difference as % of Expected GA Payments to IESO	0.8%



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 ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2021	- 1,243,723	853,514	- 390,209	58,725,319	-0.7%
2022	- 437,704	448,295	10,591	70,366,526	0.0%
Cumulative	- 1,681,427	1,301,809	- 379,618	129,091,845	-0.3%

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?	Explanation if not to be reversed in current application
1 2018- CT 148 True Up Charges... reflected in GL in 2019	(27,741)	No	reversed in 2019
2 2018- Reversal of CT 148 True Up Charges... Reflected in GL in 2019	27,741	No	reversing entry
3 2019 CT 148 True Up ... Reflected in 2020 GL	(1,743,732)	No	reversed in 2020
4 2019 Correction of RPP/Non RPP True Up reflected in 2020 GL	(80,674)	No	reversed in 2020
5 2019 Class A Disposition move to 1595 reflected in 2020 GL	(65,475)	No	reversed in 2020
6 2020 reversal of item 4 above	1,743,732	No	reversing entry
7 2020 reversal of item 5 above	80,674	No	reversing entry
8 2020 reversal of item 6 above	65,475	No	reversing entry
Total	-		
Total principal adjustments included in last approved balance	-		
Difference	-		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 2018 CT 148 and 1142/142 true ups in 2019 GL	(9,069)	No	reversed in 2019
2 2018 adjustment for Accounting Guidance Implementation in 2019 GL	953,855	No	reversed in 2019
3 2019 Reversal of items 1 and 2 above in 2019	(944,786)	No	reversing entry
4 2019 Reversal of 2017 adj. for Acct. Gdce in 2019 GL (COS 9Staff108)	(666,597)	No	reversing entry
5 2019 CT 148 and 1142/142 True Ups + 2019 RPP/Non Rpp TU in 2020 GL	151,891	No	reversed in 2020
6 2019 RPP non RPP True Up in 2021 GL	32,131	Yes	
7 Reversal of items 5 in 2020	(151,892)	No	reversing entry
8			
Total	(634,467)		
Total principal adjustments included in last approved balance	(634,467)		
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. 2022 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-rata 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

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2021	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
2021	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Unbilled to actual revenue differences		
	3 Impact of GA deferral/recovery	(141,661)	2022
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(141,661)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(141,661)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2021	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3		
	4		
	5		
	6 2019 RPP non RPP True Up in 2021 GL	(32,131)	2,021
	7		
	8		
	Total Reversal Principal Adjustments	(32,131)	
2021	<i>Current year principal adjustments</i>		
	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 2020 unbilled to actual rev difference in 2021 GL that was not included in last	885,645	2,020
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	885,645	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	853,514	

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2022	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes		
	2 Reversal of Unbilled to actual revenue differences	141,661	2022
	3 Impact of GA deferral/recovery		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	141,661	
2022	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(279,800)	2023
	2 Unbilled to actual revenue differences	(134,691)	2023
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(414,491)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	(272,830)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142/142 true-up based on actuals		
	3 Reversal of Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	279,800	2,023
	2 Reversal of CT 1142/142 true-up based on actuals		
	3 Unbilled to actual revenue differences	168,495	2,023
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	448,295	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model	448,295	

Attachment D-2: Global Adjustment Work Form for GBE(E+) Rate Zone

GA Analysis Workform for 2024 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name | GrandBridge Energy Inc.-Energy+ Rate Zone

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

2021

(e.g. If the 2021 balances that were reviewed in the 2023 rate application were to be selected, select 2021)

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 2021 balances were last approved on a final basis - Select 2021 and a GA Analysis Workform for 2022 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bi - If 2021 balances were last approved on an interim basis and there are no changes to 2021 balances - Select 2021 and a GA Analysis Workform for 2022 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.

• Scenario bii - If 2021 balances were last approved on an interim basis, there are changes to 2021 balances, and 2020 balances were last approved for disposition - Select 2020 and GA Analysis Workforms for 2021 and 2022 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
2022	(403,690)	\$ (25,241)	\$ (237,305)	\$ (262,546)	\$ 141,144	\$ 29,136,045	0.5%
Cumulative Balance	(403,690)	\$ (25,241)	\$ (237,305)	\$ (262,546)	\$ 141,144	\$ 29,136,045	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2022	0.0%
Cumulative Balance	0.0%

GA Analysis Workform

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

Year		2022		
Total Metered excluding WMP	C = A+B	1,669,330,372	kWh	100%
RPP	A	781,216,886	kWh	45.6%
Non-RPP	B = D+E	938,113,485	kWh	54.4%
Non-RPP Class A	D	368,401,729	kWh	22.1%
Non-RPP Class B*	E	539,711,756	kWh	32.3%

*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

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

Yes

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

Yes

Note 4 **Analysis of Expected GA Amount**

Year	2022									
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 = F*J	L	M = F*L	N=M-K	
January	48,251,063			48,251,063	0.04829	\$ 2,330,044	0.04353	\$ 2,100,369	\$ (229,675)	
February	43,575,291			43,575,291	0.05019	\$ 2,187,044	0.05246	\$ 2,285,960	\$ 98,916	
March	46,961,785			46,961,785	0.05500	\$ 2,582,898	0.05941	\$ 2,790,000	\$ 207,101	
April	42,209,906			42,209,906	0.05915	\$ 2,496,716	0.08293	\$ 3,500,468	\$ 1,003,752	
May	43,188,522			43,188,522	0.05968	\$ 2,577,491	0.08475	\$ 3,660,227	\$ 1,082,736	
June	45,468,751			45,468,751	0.08293	\$ 3,770,723	0.07868	\$ 3,577,481	\$ (193,242)	
July	48,336,257			48,336,257	0.08475	\$ 4,096,498	0.04008	\$ 1,937,317	\$ (2,159,181)	
August	50,794,664			50,794,664	0.04871	\$ 2,474,208	0.04999	\$ 2,534,465	\$ (60,243)	
September	47,309,270			47,309,270	0.04008	\$ 1,896,156	0.03241	\$ 1,533,293	\$ (362,862)	
October	45,526,046			45,526,046	0.04999	\$ 2,272,175	0.05771	\$ 2,627,308	\$ 2,400,133	
November	46,864,892			46,864,892	0.04739	\$ 2,220,927	0.06989	\$ 3,275,387	\$ 1,054,460	
December	46,535,436			46,535,436	0.05962	\$ 2,774,443	0.03427	\$ 1,594,769	\$ (1,179,673)	
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	555,021,881	-	-	555,021,881		\$ 29,634,322		\$ 29,136,045	\$ (498,278)	

Annual Non-RPP Class B Wholesale kWh *	Annual Non-RPP Class B Retail billed kWh	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
559,109,102	555,021,881	4,087,222	0.02314	\$ 94,588

*Equal to (AQEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh)

**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)

Total Expected GA Variance \$ (403,690)

Calculated Loss Factor	1.0284
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0307
Difference	-0.0023

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.

The kWh volume data used for the Energy+ Rate Zone is based on billing consumption data that has been allocated to the

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

Note 5 **Reconciling Items**

Item	Amount	Explanation	Principal Adjustments
			Principal Adjustment on DVA Continuity Schedule
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (25,241)		
1a CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year			
1b CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year			
2a Remove prior year end unbilled to actual revenue differences	\$ 114,699		
2b Add current year end unbilled to actual revenue differences	\$ 50,582		
3a Significant prior period billing adjustments recorded in current year			
3b Significant current period billing adjustments recorded in other year(s)			
4a CT 2148 for prior period corrections			
4b			
5			
6 Adjustment to Account 1589 Balance per EB-2022-0305	\$ (402,588)		
7			
8			
9			
10			

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (262,546)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ (403,690)
	Unresolved Difference	\$ 141,144
	Unresolved Difference as % of Expected GA Payments to IESO	0.5%



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 ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2022	296,747	- 350,699	- 53,952	119,300,172	0.0%
Cumulative	296,747	- 350,699	- 53,952	119,300,172	0.0%

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?	Explanation if not to be reversed in current application
1 Remove prior year end unbilled to actual revenue differences	(107,297)	No	Reversal of 2020 adjustment
2 Add current year end unbilled to actual revenue differences	(114,699)	Yes	
3			
4			
5			
6			
7			
8			
Total	(221,996)		
Total principal adjustments included in last approved balance			
Difference			(221,996)

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 Remove prior year end unbilled to actual revenue differences	161,372	No	Reversal of 2020 adjustment
2 Add current year end unbilled to actual revenue differences	105,556	Yes	
3			
4			
5			
6			
7			
8			
Total	266,928		
Total principal adjustments included in last approved balance			
Difference			266,928

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. 2022 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

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2022	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2 Add current year end unbilled to actual revenue differences	114,699	2021
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	114,699	
2022	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	50,582	2023
	2 Unbilled to actual revenue differences	(402,586)	2023
	3 Adjustment to Account 1589 Balance per EB-2022-0305		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(352,004)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		(237,305)

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2 Add current year end unbilled to actual revenue differences	(105,556)	2,021
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(105,556)	
	<i>Current year principal adjustments</i>		
	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	(245,143)	2,023
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(245,143)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		(350,699)

Attachment E-1: LRAMVA Workform for GBE(BPI) Rate Zone



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	Tables 1-a and 1-b provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. Table 1c provides a summary of prospective LRAM-eligible amounts related to persisting CDM savings for all years until the LDC's next rebasing application. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	Tables A-1 and A-2 include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	Tables 2-a, 2-b and 2-c include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	Tables 3-a and 3-b include the distribution rates that are used to calculate lost revenues.
4. 2011-2014 LRAM	Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms.
5. 2015-2027 LRAM	Tables 5-a, 5-b, 5-c, 5-d, 5-e, 5-f, 5-g, 5-h, 5-i, 5-j, 5-k, 5-l and 5-m include the template 2015-2027 LRAMVA work forms.
6. Carrying Charges	Table 6-b includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



LRAMVA Work Form: Instructions

REMINDER: Distributors do not need to use the LRAMVA workform if they have a zero balance in the LRAMVA and are only requesting a rate rider for LRAM-eligible amounts that were previously approved on a prospective basis.

Tab		Instructions	
Updates			
Version 1.1 published June 23, 2023			
No.	Reference	Description of Version 1.0	Update in Version 1.1
1	Summary Tab, Row 94	Formulae only captured carrying charges up to 2022	Formulae corrected to include 2023 carrying charges in total amount
2	Tab 1, Cells H19 and H20	Formulas did not include 2023 values	Formulas corrected to include 2023 values
3	Tab 1, D91-R92	Formulas did not relate to 2023 totals in Tab 5	Formulas corrected to capture 2023 totals from Tab 5
4	Tab 1, Row 95	Formula calculating total LRAMVA balance did not capture 2023 amounts	Formulas corrected to include 2023 amounts in total LRAMVA balance
5	Tab 2, D9 and D24	Drop down menus only extended to 2020	Drop down menus updated to extend to 2023
6	Tab 5, Rows 1741, 1778, 1805, 1832	Formulas in distribution rate rows were connected to 2022 rates instead of 2023	Formulas corrected to use 2023 distributions rates
7	Tab 5, Rows 1742-1753	Formulas referenced incorrect persisting values from prior years (2011-2022) in 2023	Formulas corrected to retrieve persistence data from past program years in 2023
8	Tab 5, Rows 1759-1762	Formulas referenced incorrect 2023 persistence savings into 2024-2027	Formulas corrected to retrieve data from correct program year
9	Tab 6, I195-V206	Formulas did not include updates for 2023	Formulas corrected to include 2023
Updates			
Version 1.2 published June 28, 2023			
No.	Reference	Description of Version 1.1	Update in Version 1.2
1	Tab 5, AF1742-AR1754	Formulas referenced incorrect persisting values from prior years (2011-2022) in 2023 for all non-residential rate classes	Formulas corrected to retrieve persistence data from past program years in 2023
2	Tab 5, AF1753-AR1753	Formula for capturing 2023 distribution rate did not relate to the correct cell	Formulas corrected to retrieve data from 2023 distribution rate in line 1741

LRAMVA Checklist/Schematic Tab The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:

	<ul style="list-style-type: none"> o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. Distributors are also expected to provide prospective LRAM-eligible amounts related to persisting CDM savings for all years until their next rebasing application. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 4 and 5 (2011-to Next COS)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2023 program years and persisting savings until distributors next cost of service application, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges. Carrying charges are not to be calculated for prospective LRAM-eligible amounts that relate to the persisting savings from CDM programs until the LDCs next cost-of-service application.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

LRAMVA Work Form: Checklist and Schematic

Version 8.0 (2024)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. Additionally, LDCs are also able to calculate prospective LRAM-eligible amounts, consistent with guidance provided in the 2021 CDM Guidelines. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results and Participation and Cost Report. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend

Drop Down List (Blue)

Important Checklist

- Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
- Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
- Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
- Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
- Apply the IESO verified savings adjustments to the year it relates to.
- Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA (\$) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			

LRAMVA Work Form: Summary Tab

Version 8.0 (2024)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

LDC Name

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2021-0009
Application of Previous LRAMVA Claim	2022 COS Application
Period of LRAMVA Claimed in Previous Application	2018-2019
Amount of LRAMVA Claimed in Previous Application	\$ 79,455.11

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2023-0023
Application of Current LRAMVA Claim	2024 IRM Application
Period of New LRAMVA in this Application	2020-2021
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$	445,642
Forecast Lost Revenues (\$)	B	\$	353,401
Carrying Charges (\$)	C	\$	6,875
LRAMVA (\$) for Account 1568	A-B+C	\$	99,116
Total LRAM-Eligible Amounts for Prospective Disposition	(Annual amounts to be recovered in future rate applications)	\$	-

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$0	\$0	\$0
GS<50 kW	kWh	\$121,888	\$9,077	\$130,965
GS>50 kW	kW	-\$29,647	-\$2,202	-\$31,849
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$92,241	\$6,875	\$99,116

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 90 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 95.

Description	LRAMVA Previously Claimed	Residential	GS-50 kW	GS-50 kW											Total		
		kWh	kWh	kWh	0	0	0	0	0	0	0	0	0	0		0	
2011 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2012 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2013 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2014 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2015 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2016 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2017 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2018 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2019 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2020 Actuals	✓	\$0.00	\$68,317.63	\$151,661.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast		\$0.00	(\$9,923.78)	(\$165,088.45)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$219,979.02
Amount Cleared																	(\$175,012.23)
2021 Actuals	✓	\$0.00	\$73,659.99	\$152,002.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Forecast		\$0.00	(\$10,165.82)	(\$168,222.47)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$225,662.51
Amount Cleared																	(\$178,388.29)
2022 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2023 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Carrying Charges		\$0.00	\$9,077.21	(\$2,202.14)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,875.07
Total LRAMVA Balance (2011-2023)		\$0.00	\$130,965.23	-\$31,849.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$99,116.09

Table 1-c. LRAM-Eligible Amounts for Prospective Disposition

Table 1-c provides a summary of all prospective LRAM-eligible amounts. Consistent with guidance in the 2021 CDM Guidelines, distributors filing an application for 2024 rates should seek disposition of all outstanding LRAMVA balances related to previously established thresholds. Distributors not rebasing for 2024 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. Prospective treatment will not be necessary for cost-of-service applications.

All entries summarized below will be populated based on persisting savings from prior year CDM activities with no new savings from 2024-2027. Additionally, LRAM-eligible amounts for 2024 to 2027 are not added to the LRAMVA and do not accrue interest.

In their applications for 2024 rates, distributors should apply for approval of the 2024 to 2027 LRAM-eligible amounts shown in Table 1-C. Approval will mean that the LRAM-eligible amounts are accepted as final, subject only to the annual mechanistic adjustment to be completed in subsequent rate years.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW													Total
2024 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2025 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2026 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2027 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2027 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2027 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Total LRAM-Eligible Amount (in 2023 \$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Note: LDC to make note of assumptions included above, if any

Note: All 2024-2027 LRAM-Eligible Amounts are in 2023 dollars. LDCs are to follow the instructions noted above Table 5-j in Tab 5 when seeking recovery of prospective amounts in future rate applications.



LRAMVA Work Form: Summary of Changes

Legend

- User Inputs (Green)
- Drop Down List (Blue)
- Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

LRAMVA Work Form: Forecast Lost Revenues

Version 8.0 (2024)

Legend

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

Table 2-a. LRAMVA Threshold 2017

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW												
		kWh	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
kWh	23,341,747	1,262,919	1,210,217	20,868,611												
kW	56,673			56,673												
Summary		1262919	1210217	56673	0	0	0	0	0	0	0	0	0	0	0	

Years Included in Threshold
Source of Threshold: 2017 Settlement Agreement (EB-2016-0058), pp 40/42

Table 2-b. LRAMVA Threshold 2022

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS>50 kW												
		kWh	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
kWh	0															
kW	0															
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Years Included in Threshold
Source of Threshold: 2022 Settlement Agreement, no threshold established

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50 kW												
		kWh	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2011		0	0	0	0	0	0	0	0	0	0	0	0	0		
2012		0	0	0	0	0	0	0	0	0	0	0	0	0		
2013		0	0	0	0	0	0	0	0	0	0	0	0	0		
2014		0	0	0	0	0	0	0	0	0	0	0	0	0		
2015		0	0	0	0	0	0	0	0	0	0	0	0	0		
2016		0	0	0	0	0	0	0	0	0	0	0	0	0		
2017		0	0	0	0	0	0	0	0	0	0	0	0	0		
2018		0	0	0	0	0	0	0	0	0	0	0	0	0		
2019		0	0	0	0	0	0	0	0	0	0	0	0	0		
2020	2017	1,262,919	1,210,217	56,673	0	0	0	0	0	0	0	0	0	0		
2021	2017	1,262,919	1,210,217	56,673	0	0	0	0	0	0	0	0	0	0		
2022	2022	0	0	0	0	0	0	0	0	0	0	0	0	0		
2023	2022	0	0	0	0	0	0	0	0	0	0	0	0	0		
2024	2022	0	0	0	0	0	0	0	0	0	0	0	0	0		
2025	2022	0	0	0	0	0	0	0	0	0	0	0	0	0		
2026	2022	0	0	0	0	0	0	0	0	0	0	0	0	0		
2027	2022	0	0	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of assumptions included above, if any

**LRAMVA Work Form:
Distribution Rates**

Version 8.0 (2024)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2019-0022	EB-2020-0006	EB-2021-XXXX	EB-2022-XXXX	
Rate Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Period 1 (# months)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period 2 (# months)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Residential																
Rate rider for tax sharing																
Rate rider for foregone revenue																
Other																
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GS-50 kW																
Rate rider for tax sharing													\$ 0.0082	\$ 0.0084		
Rate rider for foregone revenue																
Other																
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.9130	\$ 2.9683	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.9130	\$ 2.9683	\$ -	\$ -
0																
Rate rider for tax sharing																
Rate rider for foregone revenue																
Other																
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS-50 kW	GS-50 kW	Total												
	kWh	kWh	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2018	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2020	\$0.0000	\$0.0082	\$2.9130	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2021	\$0.0000	\$0.0084	\$2.9683	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2022	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2023	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



LRAMVA Work Form:
Carrying Charges by Rate Class

Legend table with 3 rows: User Inputs (Green), Auto Populated Cells (White), Instructions (Grey)

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA.
2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings.
3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule.

Table 6. Prescribed Interest Rates

Table with 2 columns: Quarter, Approved Deferral & Variance Accounts. Rows include quarters from 2011 Q1 to 2023 Q4 with interest rates ranging from 1.47% to 4.98%.

Check OEB website

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Large table with columns: Month, Period, Quarter, Monthly Rate, Residential, GS<=50 kW, GS>50 kW, and Total. It details carrying costs for various periods from 2011 to 2014, including opening balances and amounts cleared.

Amount Cleared																																					
Opening Balance for 2021																			\$0.00	\$250.49	-\$57.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$192.89
Jan-21	2011-2021	Q1	0.05%	\$0.00	\$27.74	-\$6.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.36																		
Feb-21	2011-2021	Q1	0.05%	\$0.00	\$30.25	-\$7.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.23																		
Mar-21	2011-2021	Q1	0.05%	\$0.00	\$32.76	-\$7.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.10																		
Apr-21	2011-2021	Q2	0.05%	\$0.00	\$35.28	-\$8.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.97																		
May-21	2011-2021	Q2	0.05%	\$0.00	\$37.79	-\$8.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.84																		
Jun-21	2011-2021	Q2	0.05%	\$0.00	\$40.30	-\$9.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.72																		
Jul-21	2011-2021	Q3	0.05%	\$0.00	\$42.82	-\$10.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.59																		
Aug-21	2011-2021	Q3	0.05%	\$0.00	\$45.33	-\$10.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.46																		
Sep-21	2011-2021	Q3	0.05%	\$0.00	\$47.84	-\$11.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.33																		
Oct-21	2011-2021	Q4	0.05%	\$0.00	\$50.36	-\$12.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.20																		
Nov-21	2011-2021	Q4	0.05%	\$0.00	\$52.87	-\$12.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.07																		
Dec-21	2011-2021	Q4	0.05%	\$0.00	\$55.38	-\$13.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.94																		
Total for 2021					\$0.00	\$749.21	-\$176.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$572.70																	
Amount Cleared																																					
Opening Balance for 2022																			\$0.00	\$749.21	-\$176.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$572.70
Jan-22	2011-2022	Q1	0.05%	\$0.00	\$57.90	-\$14.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.81																	
Feb-22	2011-2022	Q1	0.05%	\$0.00	\$57.90	-\$14.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.81																	
Mar-22	2011-2022	Q1	0.05%	\$0.00	\$57.90	-\$14.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.81																	
Apr-22	2011-2022	Q2	0.09%	\$0.00	\$103.60	-\$25.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.40																	
May-22	2011-2022	Q2	0.09%	\$0.00	\$103.60	-\$25.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.40																	
Jun-22	2011-2022	Q2	0.09%	\$0.00	\$103.60	-\$25.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.40																	
Jul-22	2011-2022	Q3	0.18%	\$0.00	\$223.46	-\$54.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$169.11																	
Aug-22	2011-2022	Q3	0.18%	\$0.00	\$223.46	-\$54.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$169.11																	
Sep-22	2011-2022	Q3	0.18%	\$0.00	\$223.46	-\$54.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$169.11																	
Oct-22	2011-2022	Q4	0.32%	\$0.00	\$393.09	-\$95.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$297.48																	
Nov-22	2011-2022	Q4	0.32%	\$0.00	\$393.09	-\$95.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$297.48																	
Dec-22	2011-2022	Q4	0.32%	\$0.00	\$393.09	-\$95.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$297.48																	
Total for 2022					\$0.00	\$3,083.36	-\$744.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,339.12																	
Amount Cleared																																					
Opening Balance for 2023																			\$0.00	\$3,083.36	-\$744.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,339.12
Jan-23	2011-2023	Q1	0.39%	\$0.00	\$480.44	-\$116.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$363.58																	
Feb-23	2011-2023	Q1	0.39%	\$0.00	\$480.44	-\$116.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$363.58																	
Mar-23	2011-2023	Q1	0.39%	\$0.00	\$480.44	-\$116.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$363.58																	
Apr-23	2011-2023	Q2	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
May-23	2011-2023	Q2	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Jun-23	2011-2023	Q2	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Jul-23	2011-2023	Q3	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Aug-23	2011-2023	Q3	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Sep-23	2011-2023	Q3	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Oct-23	2011-2023	Q4	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Nov-23	2011-2023	Q4	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Dec-23	2011-2023	Q4	0.42%	\$0.00	\$505.84	-\$123.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$382.80																	
Total for 2023					\$0.00	\$9,077.21	-\$2,202.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,875.07																	



LRAMVA Work Form:
Documentation for Streetlighting Projects

Legend | User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: Name of Municipality

Summary of Project #1

Table with 5 columns: Month, Billed amount (kW), Gross kW reduction, Net to Gross Ratio, Net kW reduction. Includes rows for months Jan 20xx to Dec 20xx and a Total row.

Details of Project #1 (Month, Year)

Table titled 'Pre-conversion billing demand' with 4 columns: Fixture type, Billing Wattage (kW), Quantity, Billed amount (kW). Includes a Total row.

Table titled 'Post-conversion billing demand' with 4 columns: Fixture type, Billing Wattage (kW), Quantity, Billed amount (kW). Includes a Total row.

Attachment E-2: LRAMVA Workform for GBE(E+) Rate Zone



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	Tables 1-a and 1-b provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. Table 1c provides a summary of prospective LRAM-eligible amounts related to persisting CDM savings for all years until the LDC's next rebasing application. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	Tables A-1 and A-2 include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	Tables 2-a, 2-b and 2-c include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	Tables 3-a and 3-b include the distribution rates that are used to calculate lost revenues.
4. 2011-2014 LRAM	Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms.
5. 2015-2027 LRAM	Tables 5-a, 5-b, 5-c, 5-d, 5-e, 5-f, 5-g, 5-h, 5-i, 5-j, 5-k, 5-l and 5-m include the template 2015-2027 LRAMVA work forms.
6. Carrying Charges	Table 6-b includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



LRAMVA Work Form: Instructions

REMINDER: Distributors do not need to use the LRAMVA workform if they have a zero balance in the LRAMVA and are only requesting a rate rider for LRAM-eligible amounts that were previously approved on a prospective basis.

Tab		Instructions	
Updates			
Version 1.1 published June 23, 2023			
No.	Reference	Description of Version 1.0	Update in Version 1.1
1	Summary Tab, Row 94	Formulae only captured carrying charges up to 2022	Formulae corrected to include 2023 carrying charges in total amount
2	Tab 1, Cells H19 and H20	Formulas did not include 2023 values	Formulas corrected to include 2023 values
3	Tab 1, D91:R92	Formulas did not relate to 2023 totals in Tab 5	Formulas corrected to capture 2023 totals from Tab 5
4	Tab 1, Row 95	Formula calculating total LRAMVA balance did not capture 2023 amounts	Formulas corrected to include 2023 amounts in total LRAMVA balance
5	Tab 2, D9 and D24	Drop down menus only extended to 2020	Drop down menus updated to extend to 2023
6	Tab 5, Rows 1741, 1778, 1805, 1832	Formulas in distribution rate rows were connected to 2022 rates instead of 2023	Formulas corrected to use 2023 distributions rates
7	Tab 5, Rows 1742-1753	Formulas referenced incorrect persisting values from prior years (2011-2022) in 2023	Formulas corrected to retrieve persistence data from past program years in 2023
8	Tab 5, Rows 1759-1762	Formulas referenced incorrect 2023 persistence savings into 2024-2027	Formulas corrected to retrieve data from correct program year
9	Tab 6, I195:V206	Formulas did not include updates for 2023	Formulas corrected to include 2023
Updates			
Version 1.2 published June 28, 2023			
No.	Reference	Description of Version 1.1	Update in Version 1.2
1	Tab 5, AF1742:AR1754	Formulas referenced incorrect persisting values from prior years (2011-2022) in 2023 for all non-residential rate classes	Formulas corrected to retrieve persistence data from past program years in 2023
2	Tab 5, AF1753:AR1753	Formula for capturing 2023 distribution rate did not relate to the correct cell	Formulas corrected to retrieve data from 2023 distribution rate in line 1741

LRAMVA Checklist/Schematic Tab	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. Distributors are also expected to provide prospective LRAM-eligible amounts related to persisting CDM savings for all years until their next rebasing application. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tabs 4 and 5 (2011-to Next COS)	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2023 program years and persisting savings until distributors next cost of service application, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges. Carrying charges are not to be calculated for prospective LRAM-eligible amounts that relate to the persisting savings from CDM programs until the LDCs next cost-of-service application.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

LRAMVA Work Form: Checklist and Schematic

Version 8.0 (2024)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. Additionally, LDCs are also able to calculate prospective LRAM-eligible amounts, consistent with guidance provided in the 2021 CDM Guidelines. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results and Participation and Cost Report. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend

Drop Down List (Blue)

Important Checklist

- Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
- Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
- Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
- Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
- Apply the IESO verified savings adjustments to the year it relates to.
- Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA (\$) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2027 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			

LRAMVA Work Form: Summary Tab

Version 8.0 (2024)

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

LDC Name

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2019-0031
Application of Previous LRAMVA Claim	2020 IRM Application
Period of LRAMVA Claimed in Previous Application	2018
Amount of LRAMVA Claimed in Previous Application	\$ 762,915.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2023-0023
Application of Current LRAMVA Claim	2024 IRM Application
Period of New LRAMVA in this Application	2019-2022
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	<input style="width: 100%;" type="text"/>
Amount for Final Disposition	<input style="width: 100%;" type="text"/>

Actual Lost Revenues (\$)	A	\$	3,171,897
Forecast Lost Revenues (\$)	B	\$	3,288,590
Carrying Charges (\$)	C	-\$	10,968
LRAMVA (\$) for Account 1568	A-B+C	-\$	127,660
Total LRAM-Eligible Amounts for Prospective Disposition	(Annual amounts to be recovered in future rate applications)	\$	-

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	-\$9,511	-\$1,139	-\$10,650
GS<=50 kW	kWh	\$696,252	\$53,067	\$749,319
General Service 50 to 999 kW	kW	\$18,342	\$1,330	\$19,672
General Service 1000 to 4999 kW	kW	-\$253,276	-\$20,897	-\$274,172
Large User	kW	-\$3,040	-\$236	-\$3,276
Street Lights	kW	-\$565,460	-\$43,093	-\$608,553
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		-\$116,692	-\$10,968	-\$127,660

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 90 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 95.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights									Total	
		kWh	kWh	kWh	kWh	kWh	kWh	0	0	0	0	0	0	0	0	0	0
2011 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2012 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2013 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2014 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2015 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2016 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2017 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2018 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2019 Actuals	☐	\$20,470.67	\$270,546.04	\$142,795.48	\$121,399.69	\$4,414.18	\$171,061.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$730,687.48
2019 Forecast		(\$40,655.94)	(\$113,393.33)	(\$140,915.67)	(\$122,311.58)	(\$5,296.20)	(\$300,401.63)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$812,974.34)
Amount Cleared																	
2020 Actuals	☐	(\$10,849.93)	\$282,507.79	\$146,981.61	\$128,353.41	\$4,829.63	\$174,581.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$726,404.19
2020 Forecast		\$21,523.73	(\$115,493.20)	(\$143,636.50)	(\$116,194.79)	(\$5,419.06)	(\$306,583.56)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$765,803.38)
Amount Cleared																	
2021 Actuals	☐	\$0.00	\$301,253.17	\$161,110.45	\$160,578.97	\$6,159.28	\$197,990.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$827,092.17
2021 Forecast		\$0.00	(\$116,193.16)	(\$152,887.32)	(\$218,042.89)	(\$6,913.34)	(\$347,691.54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$841,728.26)
Amount Cleared																	
2022 Actuals	☐	\$0.00	\$306,717.72	\$162,597.60	\$207,854.38	\$6,316.97	\$204,226.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$887,713.63
2022 Forecast		\$0.00	(\$119,692.95)	(\$157,703.19)	(\$224,912.77)	(\$7,131.14)	(\$358,643.76)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$868,083.82)
Amount Cleared																	
2023 Actuals	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Carving Charges		(\$1,138.67)	\$53,066.56	\$1,329.77	(\$20,896.51)	(\$235.93)	(\$43,092.98)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$10,967.76)
Total LRAMVA Balance (2011-2023)		-\$10,650.13	\$749,318.64	\$19,672.22	-\$274,172.10	-\$3,275.60	-\$608,553.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$127,660.08

Table 1-c. LRAM-Eligible Amounts for Prospective Disposition

Table 1-c provides a summary of all prospective LRAM-eligible amounts. Consistent with guidance in the 2021 CDM Guidelines, distributors filing an application for 2024 rates should seek disposition of all outstanding LRAMVA balances related to previously established thresholds. Distributors not rebasing for 2024 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. Prospective treatment will not be necessary for cost-of-service applications.

All entries summarized below will be populated based on persisting savings from prior year CDM activities with no new savings from 2024-2027. Additionally, LRAM-eligible amounts for 2024 to 2027 are not added to the LRAMVA and do not accrue interest.

In their applications for 2024 rates, distributors should apply for approval of the 2024 to 2027 LRAM-eligible amounts shown in Table 1-C. Approval will mean that the LRAM-eligible amounts are accepted as final, subject only to the annual mechanistic adjustment to be completed in subsequent rate years.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights									Total	
2024 Actuals (in 2023 \$)	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2025 Actuals (in 2023 \$)	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2026 Actuals (in 2023 \$)	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2027 Actuals (in 2023 \$)	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2027 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

2027 TOTAL LRAM-Eligible*	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																			
Total LRAM-Eligible Amount (in 2023 \$)																			
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Note: LDC to make note of assumptions included above, if any

Note: All 2024-2027 LRAM-Eligible Amounts are in 2023 dollars. LDCs are to follow the instructions noted above Table S-j in Tab 5 when seeking recovery of prospective amounts in future rate applications.



LRAMVA Work Form: Summary Tab

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

LDC Name

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2019-0031
Application of Previous LRAMVA Claim	2020 IRM Application
Period of LRAMVA Claimed in Previous Application	2018
Amount of LRAMVA Claimed in Previous Application	\$ 762,915.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2023-0023
Application of Current LRAMVA Claim	2024 IRM Application
Period of New LRAMVA in this Application	2019-2022
Period of Rate Recovery (# years)	1

C. Documentation of Changes

Original Amount	<input style="width: 100%;" type="text"/>
Amount for Final Disposition	<input style="width: 100%;" type="text"/>

Actual Lost Revenues (\$)	A	\$	3,171,897
Forecast Lost Revenues (\$)	B	\$	3,288,590
Carrying Charges (\$)	C	-\$	10,968
LRAMVA (\$) for Account 1568	A-B+C	-\$	127,660
Total LRAM-Eligible Amounts for Prospective Disposition	(Annual amounts to be recovered in future rate applications)	\$	-

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	-\$9,511	-\$1,139	-\$10,650
GS<=50 kW	kWh	\$696,252	\$53,067	\$749,319
General Service 50 to 999 kW	kW	\$18,342	\$1,330	\$19,672
General Service 1000 to 4999 kW	kW	-\$253,276	-\$20,897	-\$274,172
Large User	kW	-\$3,040	-\$236	-\$3,276
Street Lights	kW	-\$565,460	-\$43,093	-\$608,553
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		-\$116,692	-\$10,968	-\$127,660

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 90 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 95.

Description	LRAMVA Previously Claimed	Residential	GS-50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights									Total	
		kWh	kWh	kWh	kWh	kWh	kWh	0	0	0	0	0	0	0	0		
2011 Actuals	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2014 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2015 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2016 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2017 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2018 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Forecast	☐	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2019 Actuals		\$20,470.67	\$270,546.04	\$142,795.48	\$121,399.69	\$4,414.18	\$171,061.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Forecast	✓	(\$40,655.94)	(\$113,393.33)	(\$140,915.67)	(\$212,311.58)	(\$5,296.20)	(\$300,401.63)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2020 Actuals		(\$10,849.93)	\$282,507.79	\$146,981.61	\$128,353.41	\$4,829.63	\$174,581.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Forecast	✓	\$21,523.73	(\$115,493.20)	(\$143,636.50)	(\$216,194.79)	(\$5,419.06)	(\$306,583.56)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2021 Actuals		\$0.00	\$301,253.17	\$161,110.45	\$160,578.97	\$6,159.28	\$197,990.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Forecast	✓	\$0.00	(\$116,193.16)	(\$152,867.32)	(\$218,042.89)	(\$6,913.34)	(\$347,691.54)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2022 Actuals		\$0.00	\$306,717.72	\$162,597.60	\$207,854.38	\$6,316.97	\$204,226.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Forecast	☐	\$0.00	(\$119,692.95)	(\$157,703.19)	(\$224,912.77)	(\$7,131.14)	(\$358,643.76)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2023 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Forecast	✓	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Carrying Charges		(\$1,138.67)	\$53,066.56	\$1,329.77	(\$20,896.51)	(\$235.93)	(\$43,092.98)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total LRAMVA Balance (2011-2023)		-\$1,650.13	\$749,318.64	\$19,672.22	-\$274,172.10	-\$3,275.60	-\$608,553.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$127,660.08

Table 1-c. LRAM-Eligible Amounts for Prospective Disposition

Table 1-c provides a summary of all prospective LRAM-eligible amounts. Consistent with guidance in the 2021 CDM Guidelines, distributors filing an application for 2024 rates should seek disposition of all outstanding LRAMVA balances related to previously established thresholds. Distributors not rebasing for 2024 rates who have complete information on eligible savings (i.e., needing only to account for persistence of savings in future years) may seek a rate adjustment on a prospective basis to address amounts that would otherwise be recorded in the LRAMVA for all years until their next rebasing application. Prospective treatment will not be necessary for cost-of-service applications.

All entries summarized below will be populated based on persisting savings from prior year CDM activities with no new savings from 2024-2027. Additionally, LRAM-eligible amounts for 2024 to 2027 are not added to the LRAMVA and do not accrue interest.

In their applications for 2024 rates, distributors should apply for approval of the 2024 to 2027 LRAM-eligible amounts shown in Table 1-C. Approval will mean that the LRAM-eligible amounts are accepted as final, subject only to the annual mechanistic adjustment to be completed in subsequent rate years.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights										Total
2024 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2025 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2026 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2026 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
2027 Actuals (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2027 Forecast (in 2023 \$)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2027 TOTAL LRAM-Eligible*		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																	
Total LRAM-Eligible Amount (in 2023 \$)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Note: LDC to make note of assumptions included above, if any

Note: All 2024-2027 LRAM-Eligible Amounts are in 2023 dollars. LDCs are to follow the instructions noted above Table 5-j in Tab 5 when seeking recovery of prospective amounts in future rate applications.

LRAMVA Work Form: Forecast Lost Revenues

Version 8.0 (2024)

Legend

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

Table 2-a. LRAMVA Threshold 2019

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights								
		kWh	kWh	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
kWh	75,999,899	23,915,258	6,999,588	12,316,083	23,436,186	1,749,897	7,582,887								
kW	119,713	0	0	38869	55003	3989	21852								
Summary		23915258	6999588	38869	55003	3989	21852	0	0	0	0	0	0	0	0

Years Included in Threshold: 2019-2022

Source of Threshold: EB-2018-0028 Energy+ Inc. Response to Comments on Draft Rate Order

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) or custom IR (CIR) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights								
		kWh	kWh	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold:

Source of Threshold: 2022 Settlement Agreement, no threshold established

Table 2-c. Inputs for LRAMVA Thresholds
Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights								
		kWh	kWh	kW	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2020	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2021	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2022	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2023	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2024	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2025	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2026	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0
2027	2019	23,915,258	6,999,588	38,869	55,003	3,989	21,852	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

LRAMVA Work Form:
Distribution Rates

Version 8.0 (2024)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-XXXX	EB-2018-XXXX	EB-2019-0028	EB-2019-0031	EB-2020-0016	EB-2021-0018	EB-2022-0017
Rate Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Period 1 (# months)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Period 2 (# months)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Residential															
Rate rider for tax sharing											\$ 0.0028	\$ -	\$ -	\$ -	\$ -
Rate rider for foregone revenue											\$ 0.0009	\$ 0.0009			
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0017	\$ 0.0009	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0017	\$ 0.0009	\$ -	\$ -	\$ -
GS-50 kW															
Rate rider for tax sharing											\$ 0.0160	\$ 0.0163	\$ 0.0166	\$ 0.0171	
Rate rider for foregone revenue											\$ 0.0002	\$ 0.0002			
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0162	\$ 0.0165	\$ 0.0166	\$ 0.0171	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0162	\$ 0.0165	\$ 0.0166	\$ 0.0171	\$ -
General Service 50 to 999 kW															
Rate rider for tax sharing											\$ 3.7844	\$ 3.8544	\$ 3.9334	\$ 4.0573	
Rate rider for foregone revenue											\$ 0.1590	\$ 0.1590			
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.6254	\$ 3.6954	\$ 3.9334	\$ 4.0573	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.6254	\$ 3.6954	\$ 3.9334	\$ 4.0573	\$ -
General Service 1000 to 4999 kW															
Rate rider for tax sharing											\$ 3.8140	\$ 3.8846	\$ 3.9642	\$ 4.0891	
Rate rider for foregone revenue											\$ 0.0460	\$ 0.0460			
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.8600	\$ 3.9306	\$ 3.9642	\$ 4.0891	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.8600	\$ 3.9306	\$ 3.9642	\$ 4.0891	\$ -
Large User															
Rate rider for tax sharing											\$ 1.6675	\$ 1.6983	\$ 1.7331	\$ 1.7877	
Rate rider for foregone revenue											\$ 0.3398	\$ 0.3398			
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.3277	\$ 1.3585	\$ 1.7331	\$ 1.7877	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.3277	\$ 1.3585	\$ 1.7331	\$ 1.7877	\$ -
Street Lights															
Rate rider for tax sharing											\$ 15.3084	\$ 15.5913	\$ 15.9112	\$ 16.4124	
Rate rider for foregone revenue											\$ 1.5613	\$ 1.5613			
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13.7471	\$ 14.0300	\$ 15.9112	\$ 16.4124	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13.7471	\$ 14.0300	\$ 15.9112	\$ 16.4124	\$ -
0															
Rate rider for tax sharing															
Rate rider for foregone revenue															
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0															
Rate rider for tax sharing															
Rate rider for foregone revenue															
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0															
Rate rider for tax sharing															
Rate rider for foregone revenue															
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0															
Rate rider for tax sharing															
Rate rider for foregone revenue															
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0															
Rate rider for tax sharing															
Rate rider for foregone revenue															
Other															
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS-50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights										Total	
	kWh	kWh	kWh	kWh	kWh	kWh	0	0	0	0	0	0	0	0	0		
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A	
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2018	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2019	\$0.0117	\$0.0162	\$3.6254	\$3.8600	\$1.3277	\$13.7471	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2020	\$0.0009	\$0.0165	\$3.6954	\$3.9306	\$1.3585	\$14.0300	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2021	\$0.0000	\$0.0166	\$3.9334	\$3.9642	\$1.7331	\$15.9112	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2022	\$0.0000	\$0.0171	\$4.0873	\$4.0891	\$1.7877	\$16.4124	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A
2023	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	#N/A

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

- The following LRAMVA work forms apply to LDCs that need to recover lost revenues arising from CDM activity from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data
- Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the
- The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in
- LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template
- The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-

- Tables**
- [Table 4-a. 2011 Lost Revenues](#)
 - [Table 4-b. 2012 Lost Revenues](#)
 - [Table 4-c. 2013 Lost Revenues](#)
 - [Table 4-d. 2014 Lost Revenues](#)

Table 4-a. 2011 Lost Revenues Work Form

Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														Total
		2011	2011	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights									
Consumer Program				kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forecast CDM Savings in 2011				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Rate in 2011				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2011 from 2011 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2011																		\$0.00
2011 Savings Persisting in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2021				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2022				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2023				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2024				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2025				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2026				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Savings Persisting in 2027				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA													Total	
		2012	2012	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights									
Consumer Program				kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2012				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2012				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2012 from 2011 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2012 from 2012 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2012																		\$0.00
2012 Savings Persisting in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2021				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2022				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2023				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2024				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2025				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2026				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2027				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA													Total	
		2013	2013	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights									
Consumer Program				kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2013				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2013				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Lost Revenue in 2013 from 2011 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2013 from 2012 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2013 from 2013 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2013																		\$0.00
2013 Savings Persisting in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2021				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2022				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2023				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2024				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2025				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2026				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2027				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Demand Savings (kW)	Rate Allocations for LRAMVA														
		2014	2014	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights								Total	
Consumer Program				kWh	kWh	kW	kW	kW	kW	0	0	0	0	0	0	0		
Actual CDM Savings in 2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2014				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2014 from 2011 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2014 from 2012 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2014 from 2013 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2014 from 2014 programs				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Forecast Lost Revenues in 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
LRAMVA in 2014																	\$0.00	
2014 Savings Persisting in 2015				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2016				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2017				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2018				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2019				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2020				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2021				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2022				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2023				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2024				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2025				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2026				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Savings Persisting in 2027				0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

Program	Results Status	Net Energy Savings Persistence (kWh)												Monthly Multiplier	Net Peak Demand Savings Persistence (kW)												Rate Allocations for LRAMVA											Total															
		Net Energy Savings (kWh)													Net Demand Savings (kW)												Residential	GS=50 kW	General Service 50 to 100 kW	General Service 100 to 499 kW	Large User	Street Lights	Rate Allocations for LRAMVA																				
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2029	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027							2028	2029	kWh	kWh	kW		kW	kW	kW	0	0	0	0	0	0	0	0				
Legacy Frameworks																																																					
Residential Program																																																					
1. Coupon Initiative Adjustment to 2017 savings	Verified																																												0%								
2. Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Verified																																												0%								
3. Acolance Retirement Initiative Adjustment to 2017 savings	Verified																																												0%								
4. HVAC Incentives Initiative Adjustment to 2017 savings	Verified																																												0%								
5. Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified																																												0%								
Commercial & Institutional Program																																																					
6. Energy Audit Initiative Adjustment to 2017 savings	Verified																																												0%								
7. Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Verified																																												0%								
8. Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified																																												0%								
9. New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified																																												0%								
10. Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified																																												0%								
Industrial Program																																																					
11. Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified																																												0%								
12. Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified																																												0%								
13. Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified																																												0%								
Low Income Program																																																					
14. Low Income Initiative Adjustment to 2017 savings	Verified																																												0%								
Other																																																					
15. Aboriginal Conservation Program Adjustment to 2017 savings	Verified																																												0%								
16. Program Enabled Savings Adjustment to 2017 savings	Verified																																												0%								
Conservation Fund Pilots																																																					
17. Conservation Fund Pilot - EnerNOC Adjustment to 2017 savings	Verified																																												0%								
18. Loblaw Pilot Adjustment to 2017 savings	Verified																																												0%								
19. Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified																																												0%								
20. Social Benchmarking Pilot Adjustment to 2017 savings	Verified																																												0%								
Conservation First Framework																																																					
Residential Province-Wide Programs																																																					
21. Save on Energy Coupon Program Adjustment to 2017 savings	Verified	5,333,308	4,292,786	4,292,786	4,292,786	4,292,786	4,292,786	4,292,786	4,292,786	4,292,741	4,292,741	4,292,225															100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
22. Save on Energy Heating and Cooling Program Adjustment to 2017 savings	Verified	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320	1,180,320		343	343	343	343	343	343	343	343	343	343	343	343	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
23. Save on Energy New Construction Program Adjustment to 2017 savings	Verified	125,549	125,549	125,549	125,549	125,549	125,549	125,549	125,549	125,549	125,549	125,549		0	0	0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
24. Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified	689	689	689	689	689	689	689	689	689	689	689		0	0	0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
Non-Residential Province-Wide Programs																																																					
25. Save on Energy Audit Funding Program Adjustment to 2017 savings	Verified																										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%						
26. Save on Energy Retrofit Program Adjustment to 2017 savings	Verified	19,676,228	20,059,292	20,059,292	20,059,292	20,059,292	19,247,494	19,247,494	19,247,494	19,004,262	19,004,262	19,004,262		2,817	2,851	2,851	2,851	2,851	2,851	2,715	2,715	2,715	2,694	2,694	0.00%	15.89%	52.67%	30.19%	1.25%	0.00%	0.00%	am Results_2018029_2018014	Grossed up percentages by class as the totals did not add to 100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
27. Save on Energy Small Business Lighting Program Adjustment to 2017 savings	Verified	416,369	416,369	408,936	339,918	325,140	298,690	115,290	81,301	39,898	15,871			67	67	66	60	58	48	27	20	11	5		0.00%	86.96%	13.04%	0.00%	0.00%	0.00%	0.00%	am Results_2018029_2018014	Grossed up percentages by class as the totals did not add to 100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28. Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified	106,765	106,765	106,765	106,765	106,765	106,765	106,765	106,765	106,765	106,765	106,765		21	21	21	21	21	21	21	21	21	21	21	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
29. Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings	Verified													3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%								
30. Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Verified																									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%							
31. Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Verified																									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%							
32. Save on Energy Energy Manager Program Adjustment to 2017 savings	Verified	1,958	1,958	1,958	1,958	1,958	1,958	1,958	1,958	1,958	1,958	1,958		0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%							
Local & Regional Programs																																																					
33. Business Refrigeration Local Program Adjustment to 2017 savings	Verified																																																				



LRAMVA Work Form: Carrying Charges by Rate Class

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

- Instructions**
1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
 2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	0.57%
2020 Q4	0.57%
2021 Q1	0.57%
2021 Q2	0.57%
2021 Q3	0.57%
2021 Q4	0.57%
2022 Q1	0.57%
2022 Q2	1.02%
2022 Q3	2.20%
2022 Q4	3.87%
2023 Q1	4.73%
2023 Q2	4.98%
2023 Q3	4.98%
2023 Q4	4.98%

[Check OEB website](#)

Table 6-a. Calculation of Carrying Costs by Rate Class

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 to 999 kW	General Service 1000 to 4999 kW	Large User	Street Lights	Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Opening Balance for 2012										
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Opening Balance for 2013										
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										
Opening Balance for 2014										
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared										

Opening Balance for 2021				-\$434.58	\$4,456.33	\$59.08	-\$2,540.32	-\$23.52	-\$3,644.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$2,127.26	
Jan-21	2011-2021	Q1	0.05%	-\$4.52	\$153.98	\$2.48	-\$84.91	-\$0.70	-\$124.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$57.80	
Feb-21	2011-2021	Q1	0.05%	-\$4.52	\$161.30	\$2.81	-\$87.18	-\$0.73	-\$130.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$58.38	
Mar-21	2011-2021	Q1	0.05%	-\$4.52	\$168.63	\$3.13	-\$89.46	-\$0.76	-\$135.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$58.96	
Apr-21	2011-2021	Q2	0.05%	-\$4.52	\$175.96	\$3.46	-\$91.73	-\$0.79	-\$141.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$59.54	
May-21	2011-2021	Q2	0.05%	-\$4.52	\$183.28	\$3.78	-\$94.01	-\$0.82	-\$147.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$60.12	
Jun-21	2011-2021	Q2	0.05%	-\$4.52	\$190.61	\$4.11	-\$96.28	-\$0.85	-\$153.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$60.70	
Jul-21	2011-2021	Q3	0.05%	-\$4.52	\$197.93	\$4.43	-\$98.56	-\$0.88	-\$159.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$61.28	
Aug-21	2011-2021	Q3	0.05%	-\$4.52	\$205.26	\$4.76	-\$100.83	-\$0.91	-\$165.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$61.86	
Sep-21	2011-2021	Q3	0.05%	-\$4.52	\$212.58	\$5.09	-\$103.10	-\$0.94	-\$171.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$62.44	
Oct-21	2011-2021	Q4	0.05%	-\$4.52	\$219.91	\$5.41	-\$105.38	-\$0.97	-\$177.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$63.01	
Nov-21	2011-2021	Q4	0.05%	-\$4.52	\$227.23	\$5.74	-\$107.65	-\$1.00	-\$183.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$63.59	
Dec-21	2011-2021	Q4	0.05%	-\$4.52	\$234.56	\$6.06	-\$109.93	-\$1.03	-\$189.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$64.17	
Total for 2021				-\$488.80	\$6,787.55	\$110.35	-\$3,709.33	-\$33.88	-\$5,525.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$2,859.11	
Amount Cleared																			
Opening Balance for 2022				-\$488.80	\$6,787.55	\$110.35	-\$3,709.33	-\$33.88	-\$5,525.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$2,859.11
Jan-22	2011-2022	Q1	0.05%	-\$4.52	\$241.88	\$6.39	-\$112.20	-\$1.06	-\$195.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$64.75	
Feb-22	2011-2022	Q1	0.05%	-\$4.52	\$249.29	\$6.58	-\$112.88	-\$1.09	-\$201.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$65.38	
Mar-22	2011-2022	Q1	0.05%	-\$4.52	\$256.69	\$6.78	-\$113.55	-\$1.12	-\$207.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$66.00	
Apr-22	2011-2022	Q2	0.09%	-\$8.08	\$472.59	\$12.47	-\$204.41	-\$2.06	-\$382.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$111.70	
May-22	2011-2022	Q2	0.09%	-\$8.08	\$485.83	\$12.82	-\$205.62	-\$2.12	-\$393.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$110.31	
Jun-22	2011-2022	Q2	0.09%	-\$8.08	\$499.08	\$13.16	-\$206.83	-\$2.18	-\$404.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$108.92	
Jul-22	2011-2022	Q3	0.18%	-\$17.44	\$1,105.02	\$29.14	-\$448.70	-\$4.63	-\$895.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$231.93	
Aug-22	2011-2022	Q3	0.18%	-\$17.44	\$1,133.60	\$29.89	-\$451.31	-\$4.95	-\$918.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$229.93	
Sep-22	2011-2022	Q3	0.18%	-\$17.44	\$1,162.17	\$30.64	-\$453.91	-\$5.08	-\$942.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$225.93	
Oct-22	2011-2022	Q4	0.32%	-\$30.67	\$2,094.62	\$55.21	-\$803.06	-\$9.15	-\$1,699.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$392.16	
Nov-22	2011-2022	Q4	0.32%	-\$30.67	\$2,144.89	\$56.52	-\$807.64	-\$9.37	-\$1,740.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$386.88	
Dec-22	2011-2022	Q4	0.32%	-\$30.67	\$2,195.15	\$57.84	-\$812.23	-\$9.58	-\$1,782.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$381.61	
Total for 2022				-\$670.94	\$18,828.36	\$427.79	-\$8,441.68	-\$86.46	-\$15,286.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$5,229.42
Amount Cleared																			
Opening Balance for 2023				-\$670.94	\$18,828.36	\$427.79	-\$8,441.68	-\$86.46	-\$15,286.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$5,229.42
Jan-23	2011-2023	Q1	0.39%	-\$37.49	\$2,744.39	\$72.30	-\$998.33	-\$11.98	-\$2,228.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$459.96	
Feb-23	2011-2023	Q1	0.39%	-\$37.49	\$2,744.39	\$72.30	-\$998.33	-\$11.98	-\$2,228.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$459.96	
Mar-23	2011-2023	Q1	0.39%	-\$37.49	\$2,744.39	\$72.30	-\$998.33	-\$11.98	-\$2,228.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$459.96	
Apr-23	2011-2023	Q2	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
May-23	2011-2023	Q2	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Jun-23	2011-2023	Q2	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Jul-23	2011-2023	Q3	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Aug-23	2011-2023	Q3	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Sep-23	2011-2023	Q3	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Oct-23	2011-2023	Q4	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Nov-23	2011-2023	Q4	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Dec-23	2011-2023	Q4	0.42%	-\$39.47	\$2,889.45	\$76.12	-\$1,051.09	-\$12.61	-\$2,346.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$484.27	
Total for 2023				-\$1,138.67	\$53,066.56	\$1,329.77	-\$20,896.51	-\$235.93	-\$43,092.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$10,967.76



LRAMVA Work Form: Documentation for Streetlighting Projects

Legend

User Inputs (Green)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: Name of Municipality

Consolidated Summary

Actual lost revenue based on kW billing				
Month	Billed amount (kW)	Gross kW reduction	Net to Gross Ratio	Net kW reduction
	a	b	c	b * c
Dec-16	2,197.96			
Dec-17	1,161.01	1,036.95	100%	1,036.95
Monthly Total				1,036.95
Persistence in 2018				12,443.46
Persistence in 2019				12,443.46
Persistence in 2020				12,443.46
Persistence in 2021				12,443.46
Persistence in 2022				12,443.46

Consolidated Project Details

Pre-conversion billing demand				
Fixture type	No. of Lights	Actual Luminaire Wattage	Billed KW	
	d	e	d * e / 1000	
100W INC	10	100	1	
300W INC	4	300	1.2	
125W MV	32	155	4.96	
175W MV	735	215	158.025	
200W MV	40	290	11.6	
400W MV	27	450	12.15	
70W HPS	1115	91	101.465	
100W HPS	6085	130	791.05	
150W HPS	2850	196	558.6	
200W HPS	16	250	4	
250W HPS	1545	305	471.225	
400W HPS	145	480	69.6	
100W MH	8	129	1.032	
82W LED	38	82	3.116	
70W PED	28	70	1.96	
100W LED	32	100	3.2	
60W LED	63	60	3.78	
40W LED	0	40	0	
38W LED	0	38.5	0	
35W LED	0	35.1	0	
28W LED	0	29.4	0	
134W LED	0	134.25	0	
78W LED	0	78	0	
68W LED	0	68.09	0	
53W LED	0	53.4	0	
46W LED	0	45.79	0	
34W LED	0	34.2	0	
54W LED	0	54	0	
120W LED	0	120	0	
72W LED	0	72	0	
108W LED	0	108	0	
160W LED	0	160	0	
30W LED	0	30	0	
Total			2,197.96	

Post-conversion billing demand				
Fixture type	No. of Lights	Actual Luminaire Wattage	Billed KW	
	d ₁	e ₁	d ₁ * e ₁ / 1000	
100W INC	9	100	0.9	
300W INC	4	300	1.2	
125W MV	32	155	4.96	
175W MV	629	215	135.235	
200W MV	5	290	1.45	
400W MV	8	450	3.6	
70W HPS	335	91	30.485	
100W HPS	2648	130	344.24	
150W HPS	575	196	112.7	
200W HPS	4	250	1	
250W HPS	331	305	100.955	
400W HPS	16	480	7.68	
100W MH	8	129	1.032	
82W LED	38	82	3.116	
70W PED	28	70	1.96	
100W LED	33	100	3.3	
60W LED	63	60	3.78	
40W LED	1	40	0.04	
38W LED	2784	38.5	107.184	
35W LED	1600	35.1	56.16	
28W LED	276	29.4	8.1144	
134W LED	128	134.25	17.18912	
78W LED	1803	78	140.634	
68W LED	37	68.09	2.51933	
53W LED	781	53.4	41.7054	
46W LED	426	45.79	19.50654	
34W LED	303	34.2	10.3626	
54W LED	0	54	0	
120W LED	0	120	0	
72W LED	0	72	0	
108W LED	0	108	0	
160W LED	0	160	0	
30W LED	0	30	0	
Total			1,161.01	

Attachment F: 2024 IRM Checklist

2024 IRM Checklist

GrandBridge Energy Inc.
EB-2023-0023

Date: 08/17/2023

Filing Requirement Section/Page Reference	IRM Requirements	Evidence Reference, Notes
3.1.2 Components of the Application Filing		
3	Manager's summary documenting and explaining all rate adjustments requested	Section 4
3	Contact info - primary contact may be a person within the distributor's organization other than the primary license contact	Section 1
3	Completed Rate Generator Model and supplementary work forms in Excel format	Excel Model - Attachment A-1 & A-2 GA Analysis Workform - Attachment D-1 & D-2
3	Current tariff sheet, PDF	Attachment B-1 7 B-2
3	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Embedded throughout application as necessary
3	Statement as to who will be affected by the application, specific customer groups affected by particular request	Section 2
3	Distributor's internet address	Section 1
3	Statement confirming accuracy of billing determinants pre-populated in model	Section 4.2.3
3	Text searchable PDF format for all documents	Confirmed
3	2024 IRM Checklist	Attachment F
4	Include a certification by a senior officer that the evidence filed, including the models and appendices, is accurate, consistent and complete to the best of their knowledge, a certification that the distributor has processes and internal controls in place for the preparation, review, verification and oversight of account balances being disposed, as well as a certification regarding personal information	Section 3
3.1.3 Applications and Electronic Models		
4	Confirm the accuracy of the data. If a distributor has revised any RRR data after it has been incorporated into the model, this change should be disclosed in the application	Section 4.2.2 Not Applicable
4	File the GA Analysis Workform.	Attachment D-1 & D-2
5	A distributor seeking a revenue-to-cost ratio adjustment due to a previous OEB decision must continue to file the OEB's Revenue-to-Cost Ratio Adjustment Workform in addition to the Rate Generator model.	Section 4.3.2 Not Applicable
5	For an Incremental or Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module applicable to ACM and ICM.	Not Applicable per Section 4.4.1 & 4.4.2
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform.	Section 4.3.7
5	A distributor with a zero balance in the LRAMVA that is requesting a rate rider for previously approved LRAM-eligible amounts does not need to file the LRAMVA Workform but should provide the calculations used to generate the requested LRAM-eligible rate riders.	Section 4.3.7 Not Applicable
5	The models and workforms be used by all distributors. If a distributor makes any changes to OEB models or workforms to address its own circumstances, it must disclose and justify such changes in the manager's summary.	Section 4.3.4 re: Gross Load Billing for GBE(+)'s model
3.2.2 Revenue to Cost Ratio Adjustments		
7 - 8	Revenue to Cost Ratio Adjustment Workform, if distributor is seeking revenue to cost ratio adjustments due to previous OEB decision.	Section 4.3.2 Not Applicable
3.2.3 Rate Design for Residential Electricity Customers		
Applicable only to distributors that have not completed the residential rate design transition		
8	A plan to mitigate the impact for the whole residential class or indicate why such a plan is not required, if the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile.	Section 4.3.3 Not Applicable
8	Mitigation plan if total bill increases for any customer class exceed 10%.	Section 4.3.3.1 Not Applicable
3.2.4 Electricity Distribution Retail Transmission Service Rates		
No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB		
3.2.5 Low Voltage Service Rates (optional)		
9	Provide most recent Low Voltage costs charged by the host distributor to the applicant.	Section 4.3.5 Not Applicable
9	Provide Actual Low Voltage costs for the last five historical years. The distributor must also provide the year-over-year variances and explanations for substantive changes in the costs over time.	Section 4.3.5 Not Applicable
9	Provide support for the updated Low Voltage costs: last actual volumes and host distributor(s) rates applicable to the distributor.	Section 4.3.5 Not Applicable
9	Provide allocation of Low Voltage costs to customer classes (generally in proportion to transmission connection rate revenues).	Section 4.3.5 Not Applicable
9	Provide proposed Low Voltage rates by customer class to reflect these costs.	Section 4.3.5 Not Applicable
3.2.6 Review and Disposition of Group 1 DVA Balances		
10	Justification if any account balance in excess of the threshold should not be disposed	Section 4.3.6.2
10	Completed Tab 3 - continuity schedule in Rate Generator Model	Confirmed
10 - 11	The opening principal amounts as well as the opening interest amounts for Group 1 balances, shown in the continuity schedule, must reconcile with the last applicable, approved closing balances. Distributors must provide an explanation when the Group 1 account balances presented on the Tab 3 - Continuity Schedule of the Rate Generator model differ from the account balances in the trial balance as reported through the RRR (which have been pre-populated in the Tab 3 - Continuity Schedule of the Rate Generator model)	Section 4.3.6.7
11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Section 4.3.6.8
11	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis; if so, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts"	Section 4.3.6.7
12	Rate riders proposed for recovery or refund of balances that are proposed for disposition. The default disposition period is one year. Justification with proper supporting information is required if distributor is proposing an alternative recovery period	Sections 4.3.6.1.1 & 4.3.6.1.2
3.2.6.3 Commodity Accounts 1588 and 1589		
12	Indicate the year in which Account 1588 and Account 1589 balances were last approved for disposition, whether the balances were approved on an interim or final basis, and if they were disposed on an interim basis, which year they were last disposed on a final basis.	Section 4.3.6.4
12	A distributor that is requesting final disposition of balances for the first time, following implementation of the Accounting Guidance, must confirm that it has fully implemented the Accounting Guidance effective from January 1, 2019.	Not Applicable
12	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Accounting Guidance, summary provided of the review performed. Distributors must discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description is provided for each adjustment made to the historical balances	Section 4.3.6.3
13 & 4	Populated GA Analysis Workform for each year that has not previously been approved by the OEB for disposition, irrespective of whether seeking disposition of the Account 1589 balance as part of current application. If adjustments were made to an Account 1589 balance that was previously approved on an interim basis, the GA Analysis Workform is required to be completed for each year after the distributor last received final disposition for Account 1589	Section 4.3.6.4 Attachment D-1 & D-2
3.2.6.4 Capacity Based Recovery (CBR)		
13	Distributors that propose disposition of Account 1580 sub-account CBR Class B must do so in accordance with the OEB's Capacity Based Recovery (CBR) accounting guidance. - The balance in sub-account CBR Class B must be disposed over the default period of one year. - For the disposition of Account 1580, sub-account CBR Class A, distributors must follow the CBR accounting guidance, which results in balances disposed outside of a rates proceeding.	Section 4.3.6.6
3.2.6.5 Disposition of Account 1595		

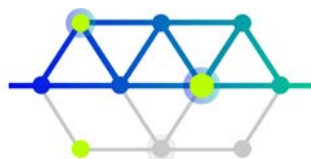
14	Confirmation that residual balances in Account 1595 Sub-accounts for each vintage year have only been disposed once.	Section 4.3.6.9
14	Detailed explanations provided for any significant residual balances attributable to specific rate riders for each customer rate class, including for example, differences between forecast and actual volumes.	Section 4.3.6.9
3.2.7.1 Disposition of the LRAMVA and Rate Riders for Previously Approved LRAM-Eligible Amounts		
16	The 2021 CDM Guidelines require distributors filing an application for 2023 rates to seek disposition of all outstanding LRAMVA balances related to previously established LRAMVA thresholds	Section 4.3.7
For Distributors with a zero balance in the LRAMVA		
16	A distributor with a zero balance in the LRAMVA should indicate this fact in its application and advise that it is not requesting any disposition. If a distributor with zero balance in the LRAMVA is requesting rate rider(s) for 2024 rates to recover an LRAM-eligible amount approved in a previous proceeding, the distributor should reference the previous OEB decision where the base LRAM-eligible amount for 2024 (i.e., the amount prior to the mechanistic adjustment) was approved, and provide the calculations used to generate the requested LRAM-eligible rate riders (i.e., the mechanistic adjustment and the allocation to rate classes). Distributors are to input the resulting rate rider(s) in Tab 19 – Additional Rates of the IRM Rate Generator Model. Distributors in this circumstance do not need to file the LRAMVA workform or any additional documentation.	Section 4.3.7 Not Applicable
For Distributors with non-zero balance in the LRAMVA		
17	Completed latest version of LRAMVA Workform (ideally Version 1.2) in a working Excel file when making LRAMVA requests for remaining amounts related to CFF activity	Attachment E-1 & E-2
17	Final Verified Annual Reports if LRAMVA balances are being claimed from CDM programs delivered in 2017 or earlier. Participation and Cost reports in Excel format, made available by the IESO, provided to support LRAMVA balances for programs for the period of January 1, 2018 to April 15, 2019. These reports should be filed in Excel format, similar to the previous Final Verified Annual Reports from 2015 to 2017. To support savings claims for projects completed after April 15, 2019, distributors should provide similar supporting evidence	Section 4.3.7.1 & 4.3.7.2 Attachment E-1 & E-2
17	File other supporting evidence with an explanation and rationale should be provided to justify the eligibility of any other savings from a program delivered by a distributor through the Local Program Fund that was part of the Interim Framework after April 15, 2019.	Not Applicable
17	Meet the OEB's requirements related to personal information and commercially sensitive information as stated in the Filing Requirements	Confirmed
18	Statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition	Section 4.3.7.1 & 4.3.7.2
18	Statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue	Section 4.3.7.1 & 4.3.7.2 Attachment E-1 & E-2
18	Summary table with principal and carrying charges by rate class and resulting rate riders	Section 4.3.7.1 & 4.3.7.2 Attachment E-1 & E-2
18	Statement confirming the period of rate recovery	Section 4.3.7.1 & 4.3.7.2
18	Statement providing the proposed disposition period; rationale provided for disposing the balance in the LRAMVA if significant rate rider is not generated for one or more customer classes	Section 4.3.7.1 & 4.3.7.2
18	File details related to the approved CDM forecast savings from the distributor's last rebasing application	Section 4.3.7.1 & 4.3.7.2
18	Rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form)	Attachment E-1 & E-2
18	Statement confirming whether additional documentation was provided in support of projects that were not included in distributor's final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable)	Section 4.3.7.1 & 4.3.7.2
18	File in support of a previous LRAMVA application, distributors should provide Participation and Cost Reports and detailed project level savings files made available by the IESO and/or other supporting evidence to support the clearance of energy- and/or demand-related LRAMVA balances where final verified results from the IESO are not available. These reports should be filed in Excel format, similar to the previous Final Verified Annual Reports from 2015 to 2017	Section 4.3.7.1 & 4.3.7.2 GBE_2024_IRM_LRAMV A_Supplementary_Data.x lsx
18 - 19	For a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings. For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS application o Confirmation that the street light upgrades represent incremental savings attributable to participation in the IESO program, and that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit total) o Confirmation that the distributor has received reports from the participating municipality that validate the number and type of bulbs replaced or retrofitted through the IESO program o A table, in live excel format, that shows the monthly breakdown of billed demand over the period of the street light upgrade project, and the detailed calculations of the change in billed demand due to the street light upgrade project (including data on number of bulbs, type of bulb replaced or retrofitted, average demand per bulb)	Section 4.3.7.2
19	For the recovery of lost revenues related to demand savings from other programs that are not included in the monthly Participation and Cost Reports of the IESO (for example Combined Heat and Power projects), distributors should provide the following information: o The third party evaluation report that describes the methodology to calculate the demand savings achieved for the program year. In particular, if the proposed methodology is different than the evaluation approaches used by the IESO, an explanation must be provided explaining why the proposed approach is more appropriate o Rationale for net-to-gross assumptions used o Breakdown of billed demand and detailed level calculations in live excel format	Section 4.3.7.2
19 - 20	For program savings for projects completed after April 15, 2019, distributors should provide the following: o Related to CFF programs: an explanation must be provided as to how savings have been estimated based on the available data (i.e. IESO's Participation and Cost Reports) and/or rationale to justify the eligibility of the program savings. o Related to programs delivered by the distributor through the Local Program Fund under the Interim CDM Framework: an explanation and rationale should be provided to justify the eligibility of the additional program savings.	Section 4.3.7.1 & 4.3.7.2
3.2.7.2 Continuing Use of the LRAMVA for New CDM Activities		
21	Statement whether it is requesting an LRAMVA for one or more of these activities, if this request has not been addressed in a previous application.	Not Applicable
3.2.8 Tax Changes		
21	Tabs 8 and 9 of Rate Generator model are completed, if applicable	Confirmed Section 4.3.8
21 - 22	If a rate rider to the fourth decimal place is not generated for one or more customer classes, the entire sharing tax amount is transferred to Account 1595 for disposition at a future date	Not Applicable
3.2.9 Z-Factor Claims		
22	Eligible Z-factor cost amounts are recorded in Account 1572, Extraordinary Event Costs. Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate sub-accounts of this account	Section 4.3.9 Not Applicable
23	To be eligible for a Z-factor claim, a distributor must demonstrate that its achieved regulatory return on equity (ROE), during its most recently completed fiscal year, does not exceed 300 basis points above its deemed ROE embedded in its base rates.	Not Applicable
3.2.9.1 Z-Factor Filing Guidelines		
23	Evidence that costs incurred meet criteria of causation, materiality and prudence	Section 4.3.9 Not Applicable

23	In addition, the distributor must: - Notify OEB by letter of all Z-Factor events within 6 months of event - Apply to OEB to recover costs recorded in the OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business risk - Provide the distributor's achieved regulatory ROE for the most recently completed fiscal year	Not Applicable
3.2.9.2 Recovery of Z-Factor Costs		
23	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	Not Applicable
23	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rationale for proposal	Not Applicable
23	Residential rate rider to be proposed on fixed basis	Not Applicable
23	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	Not Applicable
3.2.10 Off-Ramps		
24	If a distributor whose earnings are in excess of the dead band nevertheless applies for an increase to its base rates, it needs to substantiate its reasons for doing so	Section 4.3.10 Not Applicable
24	A distributor is expected to file its regulated ROE, as was filed for 2.1.5.6 of the RRR. However, if in the distributor's view this ROE has been affected by out-of-period or other items (for example, revenues or costs that pertain to a prior period but recognized in a subsequent one), it may also file a proposal to normalize its achieved regulated ROE for those impacts, for consideration by the OEB.	Section 4.3.10 Not Applicable
3.3.1 Advanced Capital Module		
5	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	Section 4.4.1 Not Applicable
25	Evidence of passing "Means Test"	Not Applicable
25	Information on relevant project's (or projects') updated cost projections, confirmation that the project(s) are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	Not Applicable
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required	Not Applicable
3.3.2 Incremental Capital Module		
26	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	Section 4.4.2 Not Applicable
27	Evidence of passing "Means Test"	Not Applicable
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	Not Applicable
5	Capital Module applicable to ACM and ICM, for an incremental or pre-approved Advanced Capital Module (ICM/ACM) cost recovery and associated rate rider(s)	Not Applicable
28	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	Not Applicable
28	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	Not Applicable
28	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	Not Applicable
28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	Not Applicable
28	Details by project for the proposed capital spending plan for the expected in-service year	Not Applicable
28	Description of the proposed capital projects and expected in-service dates	Not Applicable
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	Not Applicable
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	Not Applicable
28	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	Not Applicable
3.3.2.3 ICM Filing Requirements		
29	Calculate the maximum allowable capital amount.	Not Applicable

Attachment G: Distribution System Loss Factor Report

Distribution System Loss Factor

IRM Findings Report - 2018-2022



GrandBridge
ENERGY

Prepared By: GrandBridge Energy Inc.

August 2023

This report is prepared for the Ontario Energy Board as part of GBE's 2024 Incentive Rate Mechanism (IRM) Filing.

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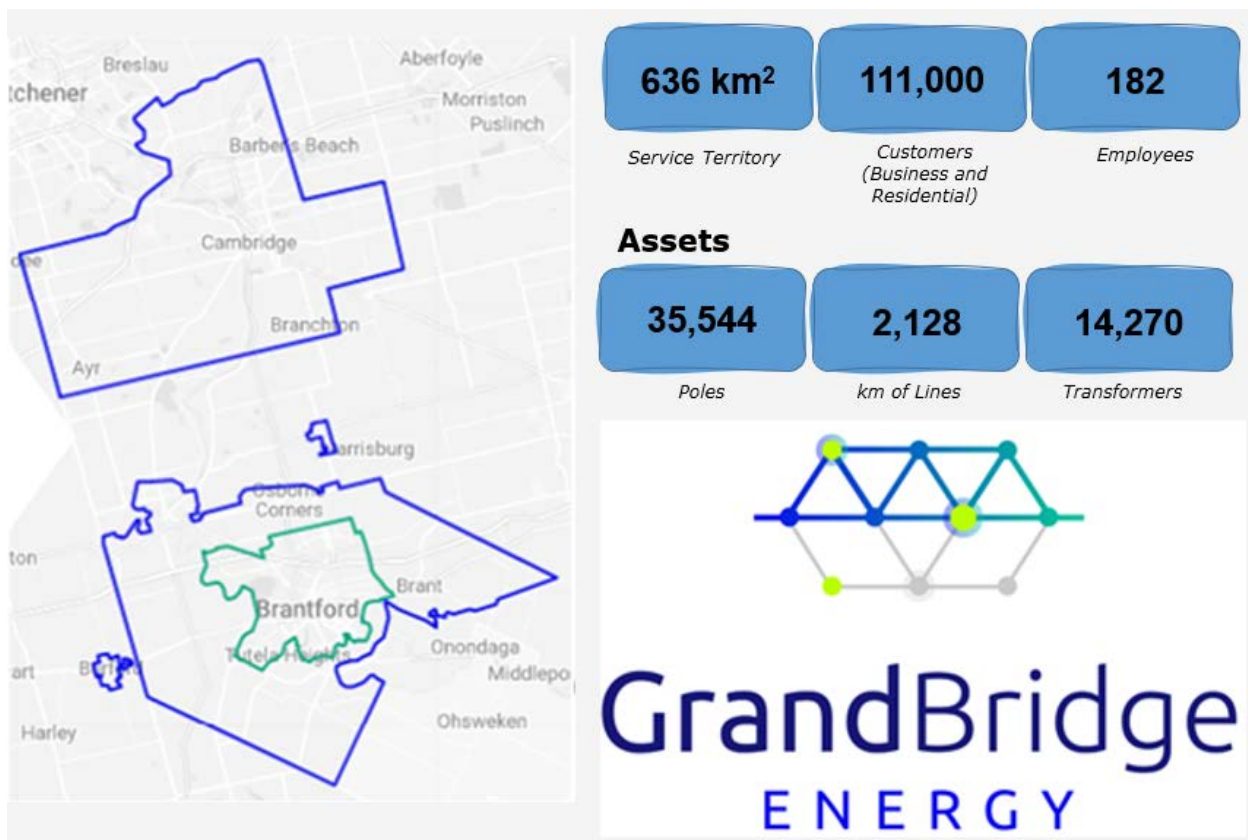
Purpose

The purpose of this report is to document findings in relation to Electricity Distribution System Losses (System Losses) for the GrandBridge Energy Inc. (GBE) service area. Electricity distribution System Losses refer to the differences between the amount of electricity received (or purchased) from the wholesale market versus the amount of electricity delivered (or sold) to end customers. This report includes information on GBE's distribution system configuration, factors that impact system losses, and measures being employed by GBE to reduce overall system losses. The analysis carried out is specifically for the GBE (E+) Rate Zone, however general commentary and insights can apply to the entire GBE service area.

Corporate Background

GrandBridge Energy Inc. (GBE) was formed on May 2, 2022, through the amalgamation of Energy+ Inc. and Brantford Power Inc. GBE's core business is to distribute electricity to approximately 111,000 customers in the City of Cambridge, City of Brantford, Township of North Dumfries, County of Brant and surrounding areas. GBE is licensed by the Ontario Energy Board (OEB) and operates in compliance with various laws, regulations, and codes. GBE's electricity distribution service area covers 636 square kilometers out of which 562 square kilometers is associated with the GBE (E+) Rate Zone. The service area overview and corporate information is included in Figure 1.0 below:

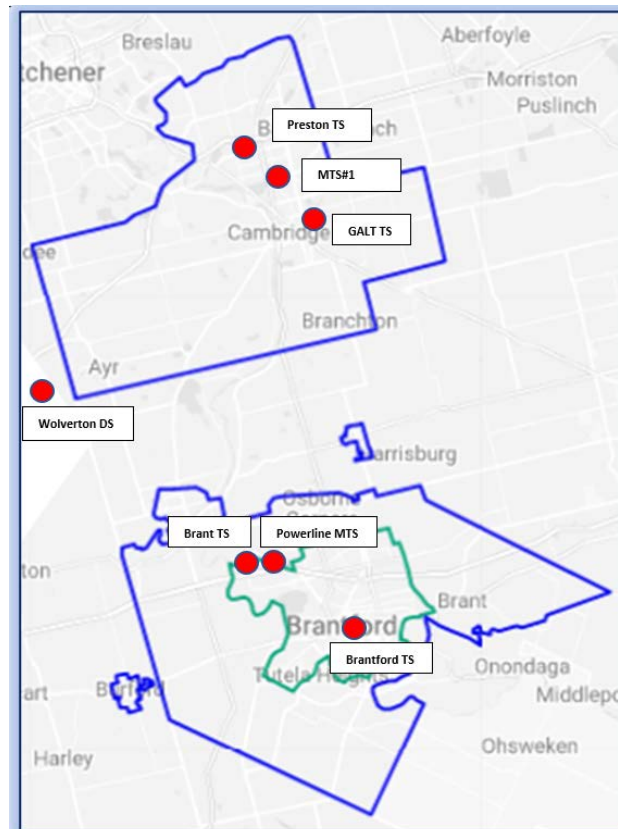
Figure 1.0: GBE Service Area and Corporate Information



System Configuration

GBE operates at 4.16KV/8.32kV and 16kV/27.6kV primary distribution voltages. The GBE service area comprises of 178 square km of urban area (104 for the GBE (E+) Rate Zone) and 458 square km of rural areas which is entirely attributable to the GBE (E+) Rate Zone. GBE is supplied from both Hydro One 230kV transmission feeds and 115kV transmission feeds through a total of six (6) transformer stations and one (1) distribution station. Three (3) transformer stations and one (1) distribution station are in the North Service Area (Cambridge) and three (3) stations are in the South Service Area (Brant County / Brantford). Figure 2.0 provides an overview of the supply stations that serve the GBE service area.

Figure 2.0 – Service Area Map with Supply Stations



The GBE distribution network consists of 52 feeders supplied from the transmission-connected transformer stations. The network in the GBE (E+) Rate Zone consists of 36 feeders that distribute electricity in the dense urban areas of the City of Cambridge and a low-density rural area of the Township of North Dumfries and County of Brant. The GBE (BPI) Rate Zone is serviced by 15 feeders operating at 27.6kV supplied from three transformer stations. GBE shares one (1) 27.6kV feeder with Hydro One Networks Inc. The total length of the distribution circuits is approximately 2,128 km which consists of 1,275km of overhead and 853km of underground lines.

System Losses

GBE strives to reduce electricity distribution system losses (system losses) to improve both the efficiency and the sustainability of the power supply. There are both technical and non-technical means to improve losses.

Non-technical losses occur due to factors such as billing errors, theft of power, and unallocated energy delivered to customers. The focus of this report is on the technical system losses as GBE has internal controls in place to mitigate and minimize non-technical losses. Some of the internal controls include compliance with Measurement Canada regulations which ensures all smart meters in the field are certified and accurate.¹ In addition, GBE metering staff perform cross phase analysis on larger three-phase services to ensure equipment such as current transformers and voltage transformers are operating within their manufacturer specified limits. Finally, GBE billing staff are trained to flag any accounts that show unusual consumption patterns and review them in detail before the bill is issued. This mitigates theft of power and provides an opportunity to speak with customers to understand any other unknown matters related to the account.

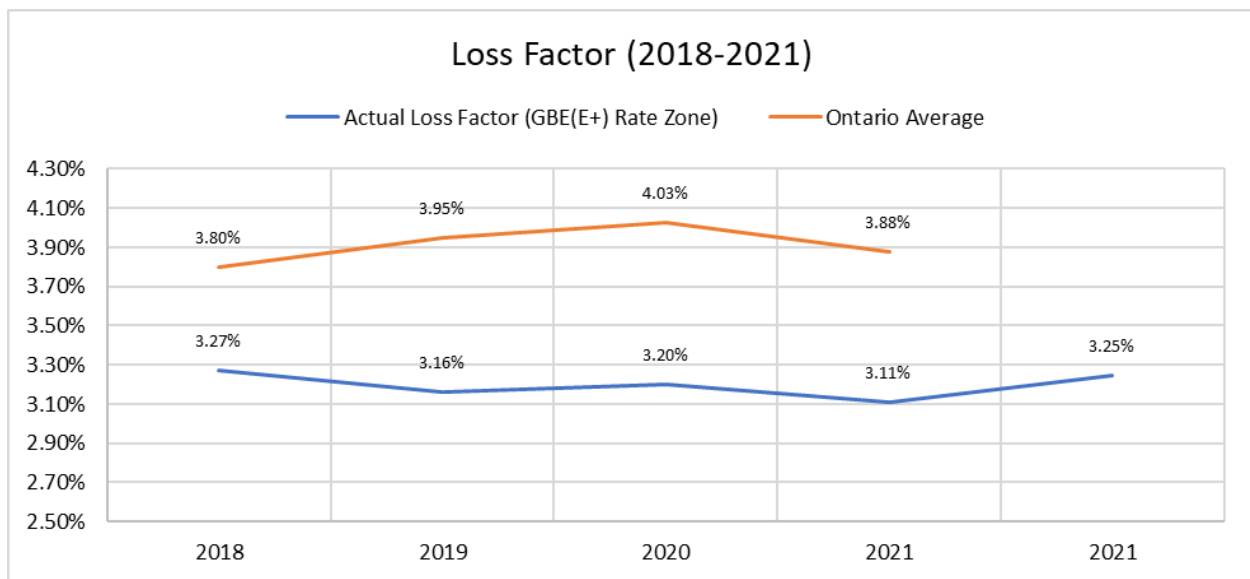
Technical losses occur from the inherent characteristics of electricity distribution network that result in energy lost through heat dissipation and transformation. This form of inefficiency is caused by the primary conductors, secondary conductors and other distribution equipment

¹ Branch, L. S. (2023, August 3). *Consolidated federal laws of Canada, electricity and Gas Inspection Regulations*. Electricity and Gas Inspection Regulations. <https://laws-lois.justice.gc.ca/eng/regulations/SOR-86-131/page-1.html>.

which all contribute to energy loss. The presence of the unbalanced loads and the system configuration can also contribute to higher system losses.

System losses are typically calculated by looking at the “energy losses”. This calculation is done by computing the difference between the invoiced electricity supplied to GBE by the Independent Electricity System Operator through the Hydro One’s bulk-transmission system and the invoiced electricity delivered to GBE customers through GBE’s distribution system. The difference between the amount supplied and the amount delivered to end customers is how distribution losses are quantified in kilo-watt hours which is further converted as a percentage. Figure 3.0 shows distribution system losses as a percentage compared against the Ontario Average for the GBE(E+) Rate Zone. The Ontario Average for 2022 is not yet published, however the comparative analysis from 2018-2021 suggests that the GBE(E+) Rate Zone is below the Ontario Average.²

Figure 3.0 – Loss Factor for Legacy Energy+ Rate Zone (2018-2022)



² Natural gas and electricity utility yearbooks 2018-2021. <https://www.oeb.ca/ontarios-energy-sector/performance-assessment/natural-gas-and-electricity-utility-yearbooks>

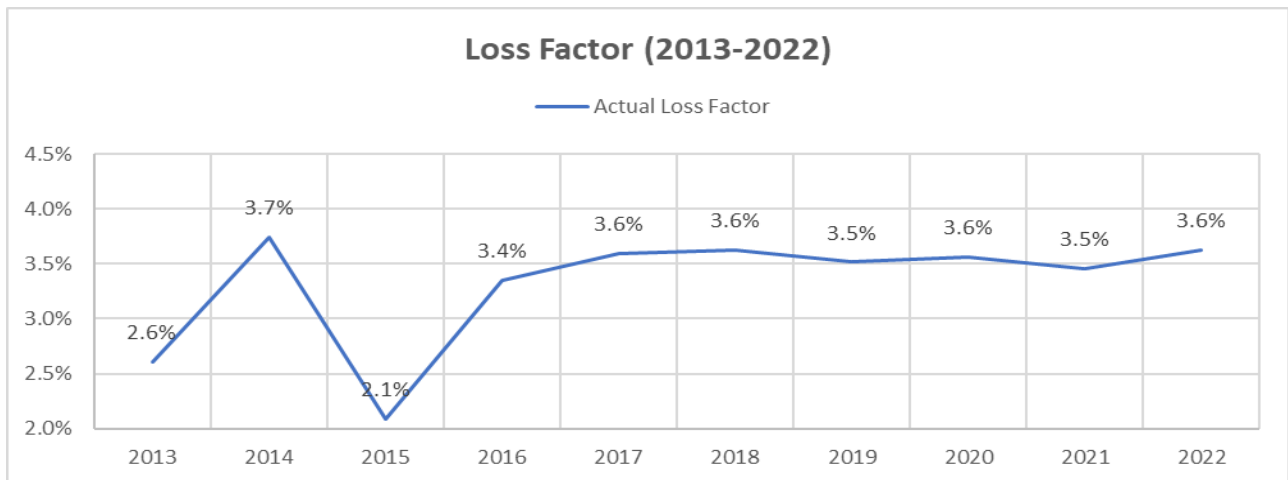
In the 2022 Cost of Service (COS) for the GBE(E+) Rate Zone, an approved loss factor of 3.07% was calculated for Secondary Metered Customers < 5,000 kW in Appendix 2R based on 2013 to 2017 actual results. GBE has re-calculated the loss factor for Secondary Metered Customers < 5,000 kW using 2018 to 2022 actual results and provided a comparison to the approved loss factor in Table 4.0.

Table 4.0 – Secondary Metered Customer < 5,000 kW Loss Factor Comparison (2018-2022)

	2018	2019	2020	2021	2022
Actual Loss Factor (GBE(E+) Rate Zone)	3.62%	3.51%	3.56%	3.46%	3.62%
Approved Loss Factor (2019 COS GBE(E+) Rate Zone)	3.07%	3.07%	3.07%	3.07%	3.07%
Variance	0.55%	0.44%	0.49%	0.39%	0.55%

The average variance over the five-year period of 2018-2022 when comparing to the 2019 Cost of Service approved loss factor is (-0.49%). This unfavorable trend is of concern to GBE and there are active measures underway to address the situation as discussed in the following section. GBE’s loss factor trend from 2018-2022 vs. 2013-2017 per Figure 5.0 below does show that the loss factor stabilized from 2016-2021 in comparison to the historical 2013-2015 period.

Figure 5.0 – Loss Factor for Legacy Energy+ Rate Zone (2013-2022)



The trend for 2022 again shows an unfavourable swing in comparison to 2021. There are several factors that impact distribution system losses. Table 6.0 provides a summary of these general factors, causes, and mitigation approaches.

Table 6.0 Causes of Technical Losses and Mitigation Factors

Factors	Causes and Mitigation
Infrastructure Maintenance and Upgrades	System losses occur within the distribution network due to equipment like transformers, cables, and other devices. These losses can be mitigated through effective asset management and maintenance activities.
Voltage Standardization	Standardization of distribution voltage levels also provides opportunities to improve loss factors.
Load Management and Planning	Continuous load management and system planning activities ensures that power is distributed in an efficient and reliable manner. Balancing of feeder loads, phase balancing, and feeder lengths all contribute to system losses.
Power Quality Management	Power factor is an element of Power Quality and refers to the ratio of real power, measured in kilowatts (kW), to the apparent power, measured in kilovolt amperes (kVA). Power factor can be improved through the implementation of equipment such as capacitor banks. Voltage can be improved using voltage regulators.
System Monitoring and Data Analysis	Monitoring system voltage and power capacity also allows for opportunities to reconfigure the system to improve losses.
Capability Building of Resources	Training of internal resources is another form of system loss management as skilled staff will have the ability to make operational decisions to improve system losses.
Customer Awareness	Increasing awareness amongst customers, especially business customers with poor power quality can help improve the overall efficiency of the distribution network.

Active Measures Underway

GBE is taking active measures to improve electricity distribution system losses (system losses) from a technical standpoint. This includes the voltage standardization to 16kV/27.6kV across the entire distribution network as it is deemed to be the most efficient distribution voltage.

In 2018, GBE identified a total of 147km of distribution lines at lower 4.16/8.32kV for renewal in the Brant County Service Area which is within the GBE (E+) Rate Zone.³ Since 2018, GBE has replaced approximately 42KM of overhead distribution lines and plans are currently underway to continue to upgrade the entire 4.16/8.32kV system to 16kV/27.6kV in the coming years. This initiative will improve distribution system losses by the addition of newer transformers, cables, and other network components.

In addition to the voltage upgrade projects, GBE is performing asset upgrades to end-of-life transformers. GBE's transformer replacement philosophy is run to failure; however, GBE has been performing proactive inspections and replacing transformers prior to failure where applicable. Finally, GBE has utilized capacitor banks and voltage regulators on its distribution network to improve power quality.

³ Energy+ Inc. EB-2018-0028. Distribution System Plan- 2019 Cost of Service Application.
<https://www.rds.oeb.ca/CMWebDrawer/Record?q=CaseNumber&sortBy=recRegisteredOn-&pageSize=400>.

System Losses Analysis

GBE conducted an analysis focused on the loading imbalance for all distribution feeders in the GBE (E+) Rate Zone. The objective of this analysis was to understand the distribution of electrical loads on the system and current flow along the separate phases of the feeder. The aim of this review was to identify areas of potential inefficiency and excessive losses within the system.

The analysis provided valuable insights into the degree of the imbalance within the distribution grid of the GBE(E+) Rate Zone that contribute to the energy losses. The information will serve as the foundation for formulating strategies for load redistribution, voltage regulation, and overall system optimization.

The results of the analysis are tabulated below in Table 7.0

Table 7.0 - GBE (Energy+) Feeders Imbalance Results

Feeder % Imbalance	Severity of Imbalance	Total Feeders
>15%	High	3
10%- 15%	Moderate	9
5%- 9%	Low	10
<5%	Near Balanced	14

From the results in Table 7.0, the GBE(E+) Rate Zone has three (3) feeders with load imbalance of greater than 15%. These feeders have a significant imbalance in the distribution system and contribute to the higher energy losses. There are nine (9) feeders that have a moderate load imbalance that is greater than 10% but less than 15%. GBE will undertake a more comprehensive analysis on the specific feeders with the moderate and highest load imbalance to determine the root-cause(s) and implement the appropriate corrective actions to minimize the imbalances. The

majority of the feeders in the GBE(E+) Rate Zone, 24, are operating in the Low to Near Balanced conditions. GBE will continue monitoring these feeders to ensure the circuits continue to operate within the optimal conditions.

Mitigation and Future Opportunities

GBE will continue to make effort towards improving its technical distribution system losses. In the immediate future (< 1 year), GBE intends to focus on undertaking a root-cause analysis on the heavily loaded feeders that have greater than 10% imbalance. In the short-term (1-2 years), GBE intends to review its system configuration on a continuous basis to reduce feeder lengths where possible in a cost-effective manner. This will help improve load balancing at a network level while improving reliability. In the medium term (3–5-year period), GBE will evaluate additional investments in a multitude of smart grid technologies to both monitor and manage power quality in a dynamic fashion. These new systems will provide GBE the ability to respond to the dynamic need of the distribution network using software and field automation devices.

In addition to the above, GBE plans to invest in training and education in this area. For Engineering staff, GBE plans to provide training on equipment selection and design methodologies that can help reduce system losses. From a System Control Centre perspective, GBE intends to train staff on operational best practices that can help with improving system losses. Finally, GBE plans to help customers with power quality management by providing value added power quality analysis and collaborating on solutions that can help improve their power factor. GBE has plans to hire a Key Accounts Specialist in 2024 that will help large customers with power quality improvement projects in addition to other energy management opportunities.

Summary

GrandBridge Energy Inc. (GBE) has completed a review of distribution system losses and documented its findings as part of this report. GBE's current loss factor performance in the GBE(E+) Rate Zone against the approved average shows an unfavourable trend of (-0.49%). As part of the root cause assessment, GBE has identified opportunities to improve the loss factor by improving load balancing on distribution feeders. In addition, GBE will continue to invest in infrastructure upgrade projects that will enable voltage standardization to 16kV/27.6kV across the service area. Finally, GBE will need to invest in smart-grid technologies that provide new capabilities to dynamically manage power quality. GBE will continue to review its distribution loss factors on an annual basis going forward. GBE is aware that it is not possible to fully mitigate all technical losses due to the inherent characteristics of the distribution network, however GBE will make all reasonable efforts to reduce losses through effective power quality management programs.