March 22, 2023

via EMAIL & RESS
registrar@oeb.ca

Ms. Nancy Marconi
Ontario Energy Board
2300 Yonge Street
P.O. Box 2319
Suite 2700
Toronto, ON M4P 1E4

Dear Ms. Marconi:

Re: 2023 IRM Application for Electricity Distribution Rates (EB-2022-0317)
Z-Factor Event Application
Elexicon Energy Inc. ("Elexicon")

On February 15, 2023, the Ontario Energy Board ("OEB") issued Procedural Order No. 1 setting out the process for written interrogatories. OEB staff and intervenors were directed to file written interrogatories by March 3, 2023, with Elexicon's response to those interrogatories due by March 22, 2023. Attached to this letter are the responses of Elexicon to the interrogatories filed by the Vulnerable Energy Consumers Coalition and OEB staff on March 3, 2023.

1. Request for Confidentiality

OEB staff filed the following interrogatory labelled "STAFF-07":

> Please provide Elexicon Energy's 2022 achieved ROE on a regulated basis, also indicating whether it is based on audited or unaudited year-end actuals. Also, please provide the calculations showing the derivation of the 2022 actual ROE on a regulated basis.

Elexicon has redacted a portion of the response to STAFF-07 and is hereby requesting confidential treatment, pursuant to Sections 10.01 and 10.02 of OEB's Rules of Practice and Procedure (Revised December 17, 2021) and Section 5.1 of the OEB's Practice Direction on Confidential Filings (Revised December 17, 2021) ("**Practice Direction**"). In accordance with section 5.1.4(b) of the Practice Direction, the following table provides the details of the confidentiality claim.

STAFF-7, page 1	**Nature of Information** OEB staff is requesting a forecast of its estimated return on equity (ROE) for 2022. Such a request requires the disclosure of non-public forward-looking financial

	information and includes information that has not been generally disclosed by Elexicon.
	Presumptively Confidential Elexicon acknowledges that the request for confidentiality does not fall within Appendix B of the Practice Direction's list of specific categories of information that will presumptively be considered confidential. However, only 1.5 months ago in Procedural Order No. 4 in EB-2022-0024 the OEB Panel already approved confidential treatment of Elexicon's ROE for 2022. The request by OEB staff in STAFF-07 has already been deemed confidential and circumstances have not materially changed since this decision. The OEB approved *"...confidential treatment of JT1.18 on the basis that Elexicon Energy indicated that the forecast ROE was provided on a condensed timeline and had not been subject to sufficient internal scrutiny to permit public disclosure.*" Arguably, Elexicon's request here should be presumptively confidential given the temporal proximity to another OEB decision approving confidential treatment for the exact same information.
	Other Basis for the Confidentiality Claim Appendix A to the Practice Direction sets out the OEB's considerations in determining requests for confidentiality. The forecasted ROE is based on unaudited, draft financial information that is subject to change. The requested information consists of financial material that is consistently treated in a confidential manner by Elexicon, and is identical to the information filed in Elexicon's undertaking response to JT1.18 in EB-2022-0024. The same calculations were used to derivate the 2022 estimated ROE and therefore should receive the same confidential treatment. A forecast of Elexicon's 2022 ROE relies on speculative, non-public, forward-looking financial information, which is consistently treated in a confidential manner. Elexicon further submits that the information is among the types of information maintained by the OEB as confidential.[1]

[1] Procedural Order No. 4 in EB-2022-0024; OEB Decision EB-2016-0160, Hydro One Networks Transmission, November 1, 2016, at pages 4 and 6.

	Disclosure of forecasted values for ROE can be expected to harm Elexicon by prejudicing its competitive position in the credit markets. Credit agencies may be able to obtain this information and it could have an adverse affect on Elexicon's cost of capital.

Please contact the undersigned with any questions by e-mail at svetsis@elexiconenergy.com or by phone at (905) 427-9870 ext. 2256.

Yours truly,

Stephen Vetsis
Vice President Regulatory Affairs and
Stakeholder Relations
Elexicon Energy Inc.

/

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-01:

Ref: (1) Application, page 15

Preamble:

Chapter 3 of OEB's Filing Requirements states that for Z-factor claims, a distributor must submit evidence that the costs incurred meet the three eligibility criteria of causation, materiality, and prudence.

For the causation criteria, Z-factor claim amounts should be directly related to the Z-factor event. The amount must be clearly outside of the base upon which rates were derived.

At the reference noted above, Elexicon Energy states:

The total incremental operating costs and capital expenditures associated with the restoration of electricity service to Elexicon's customers following the Derecho Storm Event were $305,110 and $4,297,679 respectively.

Questions:

a) Please describe all budgets included in Veridian Connection's and Whitby Hydro's base rates related to emergency response (for storm restoration or other emergency response/maintenance) – capital and operating. If Veridian Connections or Whitby Hydro does not have such budgets in its base rates, please explain how storm restoration or other emergency response/maintenance costs are normally considered in Elexicon Energy's budgeting process.

b) Please provide the annual budgeted and actual amounts for capital expenditures and OM&A related to storm restoration or other emergency response/maintenance for:

a. Elexicon Energy since the amalgamation of Veridian Connections and Whitby Hydro to present

b. Veridian Connections since Veridian Connections' last cost of service to the amalgamation of Veridian Connections and Whitby Hydro

c. Whitby Hydro since Whitby Hydro's last cost of service to the amalgamation of Veridian Connections and Whitby Hydro

c) Please provide the annual budgeted and actual amounts for capital expenditures related to system renewal for:

a. Elexicon Energy since the amalgamation of Veridian Connections and Whitby Hydro to present

b. Veridian Connections since Veridian Connections' last cost of service to the amalgamation of Veridian Connections and Whitby Hydro

c. Whitby Hydro since Whitby Hydro's last cost of service to the amalgamation of Veridian Connections and Whitby Hydro

Response:

a) Veridian Connection's base rates included $744,435 in operating costs and $0 in capital costs for emergency restoration at the time of the last rebasing. Whitby Hydro's base rates included $137,492 in operating costs and $0 in capital costs for emergency restoration at the time of the last rebasing. As per Table 1 below, Elexicon has incurred operating costs of $2,039,589 which is in excess of these amounts. Therefore, all of the costs included in the Z-factor claim are incremental to the basis on which rates are set.

b) The annual budgeted and actual amounts for capital expenditures and OM&A related to storm restoration or other emergency response/maintenance for:
   a. Elexicon Energy since the amalgamation of Veridian Connections and Whitby Hydro to present are:

Table 1 – Capital and OM&A budget and actuals since 2019

	2019		2020		2021		2022	
	Budget $	Actual $	Budget $	Actual $	Budget $	Actual $	Budget $	Actual $
Capital	-	-	-	314,308	-	377,253	-	404,401
Capital z-factor	-	-	-	-	-	-	-	4,379,603
Subtotal - Capital	**-**	**-**	**-**	**314,308**	**-**	**377,253**	**-**	**4,784,004**
Operating	2,007,090	2,027,666	1,796,606	1,620,668	2,009,305	1,647,300	1,829,524	1,816,403
Operating - z-factor	-	-	-	-	-	-	-	223,186
Subtotal - Operating	**2,007,090**	**2,027,666**	**1,796,606**	**1,620,668**	**2,009,305**	**1,647,300**	**1,829,524**	**2,039,589**
Total	**2,007,090**	**2,027,666**	**1,796,606**	**1,934,976**	**2,009,305**	**2,024,553**	**1,829,524**	**6,823,593**

   b. c.

   Elexicon Energy does not have the requested information readily available. The separated budgeted amounts for Veridian Connections and Whitby Hydro are no longer relevant as Elexicon now operates as a consolidated entity since amalgamation.

c) The annual budgeted and actual amounts for capital expenditures related to system renewal for:

   a. Elexicon Energy since the amalgamation of Veridian Connections and Whitby Hydro to present is:

Table 2 System Renewal budget and actual capital expenditures since 2019

	2019		2020		2021		2022	
	Budget $	Actual $	Budget $	Actual $	Budget $	Actual $	Budget $	Actual $
Capital	20,687,000	32,075,913	16,928,813	15,404,689	19,667,064	19,947,139	15,216,294	20,242,938

b and c.

See response to part b) subparts b and c above.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-02:

Ref: (1) Application, page 15, Table 1

(2) Application, page 15, Table 2

Preamble:

Elexicon Energy provides tables 1 and 2 below to summarize costs for the Z-factor claim:

Table 1 – Total Z-Factor Event Costs

Cost Type	Operating $	Capital $	Total $
Incremental Labour/Material/Vehicle Costs	$ 149,626	$ 2,350,964	$ 2,500,590
3rd Party Contractors	$ 155,483	$ 1,946,715	$ 2,102,198
Total	**$ 305,110**	**$ 4,297,679**	**$ 4,602,788**

Table 2 – Allocation of Z-Factor Event Costs by Rate Zone

Rate Zone	Operating $	Capital $	Total $
Veridian Rate Zone ("VRZ")	$ 246,725	$ 3,475,295	$ 3,722,021
Whitby Rate Zone ("WRZ")	$ 58,384	$ 822,383	$ 880,767
Total	**$ 305,110**	**$ 4,297,679**	**$ 4,602,788**

Questions:

a) Please provide a breakdown of the storm costs in the following format:

Table 3: Storm Cost Breakdown

Cost Category	Capital Cost $	O & M Cost (Regular-Time Labour) $	O & M Cost (Recorded in Account 1572) $	Total Cost $
Line and Pole Repair and Replacement				
Elexicon Energy Labour (Regular)				
Elexicon Energy Labour (Overtime)				
Materials				
LDC Mutual Aid Costs				
Contracted Services - Line Services				
Contracted Services - Excavation and Tree Removal				
Uxbridge TS Rebuild				
Elexicon Energy Labour (Regular)				
Elexicon Energy Labour (Overtime)				
Materials				
Contracted Services				
Other Storm Restoration Costs				
Elexicon Energy Labour (Regular)				
Elexicon Energy Labour (Overtime)				
Materials				
Contracted Services				
Total				

Please describe costs and work performed in “Other Storm Restoration Costs”. For Contracted Services, please split out costs and identify each contracted supplier who provided services as part of the storm restoration.

Please confirm that the costs included in the Z-factor claim at reference 1 are incremental costs (i.e., outside of the base upon which rates were derived). Please provide additional information to illustrate that the claimed Z-factor costs are incremental to costs recovered through the approved distribution rates in the last rebasing proceeding.

b) With respect to Table 2, on the allocation of the Z-factor costs to the Whitby Hydro and Veridian Connections rate zones, please document how Elexicon Energy allocated costs.

i. Were costs for work and materials on pole, line, and related assets (e.g., pole transformers, guy wires, cross-arms) directly attributed to the rate zone in which the work occurred or was there an allocation methodology applied? If the latter, please explain the allocation methodology.

ii. Was all work done on the Uxbridge TS rebuild directly allocated to the Veridian Connections rate zone? If not, please explain the allocation methodology and the basis for that approach.

iii. Please explain how Elexicon Energy allocated common or indirect costs between the rate zones. Common or indirect costs could be for common, corporate-wide, services, such as for the Crisis Management Team or any corporate management team that oversaw the execution of the Power Restoration Plan, once activated.

c) From the response to part a) above, please confirm the cost categories and corresponding dollar amounts that have yet to be audited. Please explain whether the audited numbers would be available before the closing date of the records in this application. If so, please provide Elexicon Energy's plan to file the audited numbers.

Response:

During Elexicon's 2022 financial audit it was determined that an amount of $81,924.07 from a third party was incorrectly recorded as Operating Expense when it should have been Capital in the Veridian Rate Zone. To reflect this correction, Elexicon has provided updated versions of Tables 1 through 10 from the prefiled evidence as Attachment 1 to this interrogatory. The total claimed cost of $4,602,788 is unchanged from the original application. However, the relief sought has changed from $677,031 to $601,936 as a result of this reclassification.

Tables 1 and 2 from the preamble above have been updated as follows to correct the recording of a 3rd party expense from Operating to Capital:

Table 1 Revised– Total Z Factor Event Costs

Category	Operating $	Capital $	Total $
Incremental Labour/Material/Vehicle Costs	$ 149,626	$ 2,350,964	$ 2,500,590
3rd Party Contractors	$ 73,559	$ 2,028,639	$ 2,102,198
Total	**$ 223,186**	**$ 4,379,603**	**$ 4,602,788**

Table 2 Revised – Allocation of Z Factor Event Costs by Rate Zones

Category	Operating $	Capital $	Total $
Veridian Rate Zone ("VRZ")	$ 181,277	$ 3,557,220	$ 3,738,496
Whitby Rate Zone ("WRZ")	$ 41,909	$ 822,383	$ 864,292
Total	**$ 223,186**	**$ 4,379,603**	**$ 4,602,788**

a) A breakdown of the storm costs in the requested format is included in Table 3 below.

Table 3: Storm Cost Breakdown

Cost Category	Capital Cost $	O & M Cost (Regular-Time Labour) $	O & M Cost (Recorded in Account 1572) $	Total Cost $
Line and Pole Repair and Replacement				
Elexicon Energy Labour (Regular)	449,512	58,828		**508,339**
Elexicon Energy Labour (Overtime)	484,940	-	54,565	**539,505**
Materials	987,574	-	71,370	**1,058,944**
LDC Mutual Aid Costs	-	-	-	**-**
Contracted Services - Line Services	1,594,664	-	43,790	**1,638,454**
Contracted Services - Excavation and Tree Removal	271,137	-	29,769	**300,907**
Vehicles	195,886	-	783	**196,669**
Meals	-	-	22,908	**22,908**
Uxbridge TS Rebuild				
Elexicon Energy Labour (Regular)	17,005	-	-	**17,005**
Elexicon Energy Labour (Overtime)	33,114	-	-	**33,114**
Materials	174,436	-	-	**174,436**
Contracted Services	162,838	-	-	**162,838**
Vehicles	8,497	-	-	**8,497**
Meals		-	-	**-**
Other Storm Restoration Costs				
Elexicon Energy Labour (Regular)	-	-	-	**-**
Elexicon Energy Labour (Overtime)	-	-	-	**-**
Materials	-	-	-	**-**
Contracted Services	-	-	-	**-**
Vehicles	-	-	-	**-**
Meals	-	-	-	**-**
Total	**4,379,603**	**58,828**	**223,186**	**4,661,615**

Please see the response to OEB Staff -1 for information which indicates how the costs sought for recovery are outside of the amounts included in base rates.

b) With respect to Table 2, on the allocation of the Z-factor costs to the Whitby Hydro and Veridian Connections rate zones,

i. The capital costs were directly attributed to the rate zone in which the work occurred. The operating costs were allocated to each rate zone using the ratio between rate zones for capital costs.

ii. For the Uxbridge TX rebuild, the capital costs were directly allocated to the Veridian rate zone.

iii. Common or indirect operating costs were allocated to each rate zone with the same allocation percentage as the capital costs.

c) Elexicon confirms that the dollars amounts in Table 1 Revised and Table 2 Revised and provided in Table 3 above reflect audited amounts.

STAFF-02

ATTACHMENT 1

REVISED TABLES 1 - 10

Table 1 Revised– Total Z Factor Event Costs

Category	Operating $	Capital $	Total $
Incremental Labour/Material/Vehicle Costs	$ 149,626	$ 2,350,964	$ 2,500,590
3rd Party Contractors	$ 73,559	$ 2,028,639	$ 2,102,198
Total	**$ 223,186**	**$ 4,379,603**	**$ 4,602,788**

Table 2 Revised – Allocation of Z Factor Event Costs by Rate Zones

Category	Operating $	Capital $	Total $
Veridian Rate Zone ("VRZ")	$ 181,277	$ 3,557,220	$ 3,738,496
Whitby Rate Zone ("WRZ")	$ 41,909	$ 822,383	$ 864,292
Total	**$ 223,186**	**$ 4,379,603**	**$ 4,602,788**

Table 3 Revised – Relief Requested Veridian Rate Zone ("VRZ")

Category	Recovery Period	Amount $
Operating Costs	1 Year	$ 181,277
Capital Expenditures (Revenue Requirement)	Until Re-basing	$ 304,984

Table 4 Revised – Relief Requested Whitby Rate Zone ("WRZ")

Category	Recovery Period	Amount $
Operating Costs	1 Year	$ 41,909
Capital Expenditures (Revenue Requirement)	Until Re-basing	$ 73,766

Table 5 Revised – Revenue Requirement Impact of Capital Expenditures VRZ

Description	%	Amount
Incremental Capital		$ 3,557,220
Depreciation Expense		-$ 95,407
Incremental Capital to be included in Rate Base		**$ 3,461,812**
Deemed Short Term Debt (4%)	2.11%	$ 2,922
Deemed Long Term Debt (56%)	4.94%	$ 95,768
Deemed Equity (40%)	9.36%	$ 129,610
Amortization Expense		$ 95,407
Grossed up PILs		-$ 18,722
Revenue Requirement		**$ 304,984**
PILs Calculation		
Deemed Equity		$ 129,610
Add Back Amortization Expense		$ 95,407
Deduct CCA	8%	-$ 276,945
Taxable Income		**-$ 51,928**
PILs Before Gross Up	26.50%	-$ 13,761
Incremental Grossed Up PILs		**-$ 18,722**

Table 6 – Revenue Requirement Impact of Capital Expenditures WRZ

Description	%	Amount
Incremental Capital		$ 822,383
Depreciation Expense		-$ 21,619
Incremental Capital to be included in Rate Base		**$ 800,765**
Deemed Short Term Debt (4%)	2.43%	$ 778
Deemed Long Term Debt (56%)	5.48%	$ 24,574
Deemed Equity (40%)	9.66%	$ 30,942
Amortization Expense		$ 21,619
Grossed up PILs		-$ 4,147
Revenue Requirement		**$ 73,766**
PILs Calculation		
Deemed Equity		$ 30,942
Add Back Amortization Expense		$ 21,619
Deduct CCA	8%	-$ 64,061
Taxable Income		**-$ 11,501**
PILs Before Gross Up	26.50%	-$ 3,048
Incremental Grossed Up PILs		**-$ 4,147**

Table 7 Revised – Determination of Proposed VRZ Z-Factor OM&A Rate Riders - **May 1, 2023 to April 30, 2024**

Rate Class	2014 COS (EB-2013-0174) Revenue Requirement	Allocation of Revenue Requirement	# of customers/ connections as at Dec 31, 2021	12-Month Fixed Rate Rider
RESIDENTIAL	$ 31,645,089	$ 114,891	113,409	0.08
SEASONAL RESIDENTIAL	$ 867,951	$ 3,151	1,557	0.17
GENERAL SERVICE LESS THAN 50 kW	$ 6,553,835	$ 23,794	9,339	0.21
GENERAL SERVICE 50 TO 2,999 KW	$ 8,894,814	$ 32,294	1,060	2.54
GENERAL SERVICE 3,000 TO 4,999 KW	$ 692,222	$ 2,513	6	34.91
LARGE USE	$ 628,721	$ 2,283	4	47.55
UNMETERED SCATTERED LOAD	$ 145,696	$ 529	803	0.05
SENTINEL LIGHTING	$ 45,387	$ 165	247	0.06
STREET LIGHTING	$ 456,462	$ 1,657	31,736	0.00
Total	**$ 49,930,177**	**$ 181,277**		

Table 8 Revised – Determination of Proposed WRZ Z-Factor OM&A Rate Riders- **May 1, 2023 to April 30, 2024**

Rate Class	2010 COS (EB-2009-0274) Revenue Requirement	Allocation of Revenue Requirement	# of customers/ connections as at Dec 31, 2021	12-Month Fixed Rate Rider
RESIDENTIAL	$ 12,484,708	$ 27,256	43,441	0.05
GENERAL SERVICE LESS THAN 50 kW	$ 1,886,505	$ 4,119	2,350	0.15
GENERAL SERVICE 50 TO 4,999 KW	$ 4,386,869	$ 9,577	398	2.01
UNMETERED SCATTERED LOAD	$ 118,230	$ 258	392	0.05
SENTINEL LIGHTING	$ 3,106	$ 7	47	0.01
STREET LIGHTING	$ 317,008	$ 692	13,214	0.00
Total	**$ 19,196,426**	**$ 41,909**		

Table 9 Revised– Determination of Proposed VRZ Z-Factor Capital Rate Riders - **May 1, 2023 to Rebasing**

ıss	2014 COS (EB-2013-0174) Revenue Requirement	Allocation of Revenue Requirement	# of customers/ connections as at Dec 31, 2021	Fixed Rate Rider
RESIDENTIAL	$ 31,645,089	$ 193,295	113,409	0.14
SEASONAL RESIDENTIAL	$ 867,951	$ 5,302	1,557	0.28
GENERAL SERVICE LESS THAN 50 kW	$ 6,553,835	$ 40,032	9,339	0.36
GENERAL SERVICE 50 TO 2,999 KW	$ 8,894,814	$ 54,331	1,060	4.27
GENERAL SERVICE 3,000 TO 4,999 KW	$ 692,222	$ 4,228	6	58.73
LARGE USE	$ 628,721	$ 3,840	4	80.01
UNMETERED SCATTERED LOAD	$ 145,696	$ 890	803	0.09
SENTINEL LIGHTING	$ 45,387	$ 277	247	0.09
STREET LIGHTING	$ 456,462	$ 2,788	31,736	0.01
	$ 49,930,177	**$ 304,984**		

Table 10 – Determination of Proposed WRZ Z-Factor Capital Rate Riders - **May 1, 2023 to Rebasing**

Rate Class	2010 COS (EB-2009-0274) Revenue Requirement	Allocation of Revenue Requirement	# of customers/ connections as at Dec 31, 2021	Fixed Rate Rider
RESIDENTIAL	$ 12,484,708	$ 47,975	43,441	0.09
GENERAL SERVICE LESS THAN 50 kW	$ 1,886,505	$ 7,249	2,350	0.26
GENERAL SERVICE 50 TO 4,999 KW	$ 4,386,869	$ 16,857	398	3.53
UNMETERED SCATTERED LOAD	$ 118,230	$ 454	392	0.10
SENTINEL LIGHTING	$ 3,106	$ 12	47	0.02
STREET LIGHTING	$ 317,008	$ 1,218	13,214	0.01
Total	**$ 19,196,426**	**$ 73,766**		

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-03:

Ref: (1) Application, page 13

Preamble:

On this page, Elexicon Energy states:

Elexicon utilized all available internal labour, as well as several outside contractors to complete its restoration efforts. Elexicon labour costs are set in its collective agreement with the Power Workers Union (PWU), and for non-union staff, Elexicon has established its Overtime Policy with which it complied. Elexicon procured the services of its pre-approved contractors on a single source basis given the emergency situation. These pre-approved contractors charges used pre-established rates.

Questions:

a) Please provide a breakdown of all Elexicon Energy's internal labour costs applicable for the affected period in the following format:

Table 4: Internal Labour Cost Breakdown

Department	Number of Eligible Employees	Number of Regular Hours Worked	Total Regular Time Payments ($)	Number of Overtime Hours Worked	Total Overtime Payments ($)
Management					
Other Non-Union Employees (Health and Safety)					
Sub-Total Non-Union					
Union Employees:					
Operations					
Other					
Sub-Total Union					
Total Internal Labour for Affected Parties					
Total Z-Factor O&M Labour Costs					
Total Non-Z-Factor O&M Labour Costs					
Total Non-Z-Factor Capital Labour Costs					

b) Please provide a copy of Elexicon Energy's overtime policy for non-union and management employees.

c) Please confirm when the pre-established rates for contractor charges were determined.

Response:

a) Please find the breakdown of Elexicon's internal labour cost for the eligible employees during the affected period:

Table 1: Internal Labour Costs

Department	Number of Eligible Employees	Number of Regular Hours Worked	Total Regular Time Payments ($)	Number of Overtime Hours Worked	Total Overtime Payments ($)
Management	7	85	10,812	-	-
Other Non-union (Health & Safety)	24	720	70,648	1,058	115,337
Sub-Total Non-Union	31	805	81,460	1,058	115,337
Union Employees:					
Operations	100	4,823	375,459	4,631	431,802
Other	15	130	8,491	371	26,587
Sub-Total Union	115	4,953	383,951	5,002	458,389
Total Internal Labour for Affected Parties	146	5,758	465,410	6,059	573,726
Total Z-Factor O&M Labour Costs	N/A	-	-	557	54,565
Total Non-Z-Factor O&M Labour Costs	N/A	690	58,828	-	-
Total Non-Z-Factor Capital Labour Costs	N/A	-	-	-	-

Total Z-Factor Capital Labour Costs	N/A	5,758	465,410	5,502	519,161

b) Please see Attachment 1 to this IR response for the overtime policy for non-union and management employees.

c) The pre-established rates for contractor charges were agreed upon during the last contract agreement term in Q2-2020 with annual inflationary increases incorporated within the contract terms.

STAFF-03

ATTACHMENT 1

OVERTIME POLICY

HR08-EE
Overtime and On-Call Compensation Policy
for
All Departments

Approved by VP, Human Resources & Corporate Services: 01-Mar-2023

Document Owner: Manager, People & Culture

Revision History

Issue Date	List of Changes or Reason for Issue	Version #
1-Jan-2021	Original issue.	Version 1
6-Apr-2022	Name change (formerly Overtime and On-Call Procedure for Non-Represented Employees), DEI best practices and overall policy refresh.	Version 2
1-Mar-2023	Review and Refresh	Version 3

Review Schedule:
Every three years

Related Legislation
Employment Standards Act

Relevant Policies, Procedures and Forms
HR09.1 Paid Time Off Policy

HR25-EE Employee's Workplace Right to Disconnect Policy

Table of Contents

1.0 Policy

Elexicon Energy is committed to structuring its business operations to minimize the number of hours that employees work beyond their regularly scheduled weekly hours. However, to meet work requirements, employees may be required to work extra hours to complete work or respond to emergencies. This policy sets out Elexicon's overtime and on-call compensation model.

2.0 Scope

This procedure applies to non-union staff.

3.0 Definition

Recognized Holiday means a day of the year identified in accordance with Elexicon's HR09.1-EE Paid Time Off Policy.

Overtime means hours worked in excess of forty-four (44) hours per work week in accordance with the Employment Standards Act (ESA).

4.0 General Principles

In requiring employees to work overtime, the following principles apply:

a) Overtime will be kept to a minimum and will not form a regular part of the work schedule.
b) All overtime must be pre-approved by the appropriate supervisor/manager before work is undertaken.
c) Supervisors/managers will aim to fairly distribute opportunities to work overtime amongst those employees regularly performing the task.
d) When employees are required to work overtime, the supervisor/manager assigning the work will take into consideration any prior personal commitments that employees have.
e) Overtime worked will be compensated as pay only.

5.0 Responsibilities

5.1 Employees

Employees are responsible to:

a) Obtain appropriate pre-approval prior to working overtime

5.2 People Leaders

People Leaders are responsible to:

a) Manage overtime requirements in the most efficient manner
b) Pre-approve overtime for employees
c) Ensure fair and appropriate distribution of overtime, as applicable

5.3 People & Culture Department

The People & Culture Department is responsible to:

a) Support departments in the consistent application of this policy
b) Assist in the resolution of conflicts arising from overtime assignments
c) Monitor and provide interpretation of this policy and any related policies and procedures

6.0 Overtime Compensation Pay Rates

6.1 Non-Management Employees

Overtime will be compensated in the following manner for employees holding job positions which are non-union, non-management positions:

>40 hours to 44 hours in a work week	Paid at straight time (x1) the employee's regular rate
Overtime exceeding 44 hours in a work week	Paid at time and time and one-half (x1.5) the employee's regular rate
Working on a Holiday	Paid at two (x2) the employee's regular rate

6.2 Trades People Leaders

Generally, Trades People Leaders are not eligible for overtime compensation. However, with pre-approval and with the understanding that it is on an exception basis and/or on an emergency call out basis, Elexicon will pay overtime after a Trades People Leader has worked in excess of forty (40) hours in a work week. Such compensation will be paid at a rate of two (x2) times the applicable People Leader's normal straight-time/base rate of pay.

7.0 On-Call Compensation

With prior written approval by the appropriate People Leader, non-management employees and Trades People Leaders may be required to be on-call. When placed on-call, approved employees are expected to be fit for duty and to keep themselves readily available to respond to call outs.

Payment for approved on-call will be as follows:

	Effective March 1, 2023
Monday to Friday	$47.00/day
Saturday and Sunday	$65/day
On-call on a Holiday	Additional $90 per holiday

8.0 Compliance

Employees who fail to comply with the provisions of this policy may be subject to discipline up to and including termination.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-04:

Ref: (1) Application, page 15

Preamble:

On this page, Elexicon Energy states:

Repairs were made where appropriate, and the portions of the system that were rebuilt were constructed on a 'like for like' basis. Elexicon also used materials available in its inventory and minimized the costs to procure materials on an emergency basis. Ultimately, Elexicon prioritized and coordinated work to ensure restoration was completed efficiently, and power was restored to customers as quickly as possible.

Question:

a) Please summarize the physical damage to Elexicon Energy's electricity distribution infrastructure by filling out the table below (i.e., poles, cross arms, transformers, Uxbridge TS, etc.).

Table 5: Breakdown of Physical Damage to Electricity Distribution Infrastructure

Equipment	Quantity	Repaired or Rebuilt	Estimated Net Asset Value

b) For any portion of the system that was rebuilt on a 'like for like' basis, please confirm if any equipment was nearing the end of its life or were in poor operating condition prior to the derecho storm event. If yes, please identify the equipment in the response in part a) above.

c) Please confirm if there are changes expected to Elexicon Energy's future investment plans as a result of replacing damaged assets caused by the derecho storm event. If yes, please explain the changes. If no, please explain why not.

d) Please confirm that all portions of the system that were rebuilt on a 'like for like' basis and that no upgrades were installed. If no, please identify the upgraded equipment in the response to part a) above.

Response:

a) The damage to Elexicon Energy's distribution infrastructure consisted of rebuilding Uxbridge substation as well as several feeders across the territory. The table below depicts the equipment and the quantities of the assets that were affected by the storm.

Table 1: Breakdown of Physical Damage to Electricity Distribution Infrastructure

Equipment	Quantity	Rebuilt	Estimated Net Asset Value	Condition
Power Transformer (Station)	1	Rebuilt	0	Fair*
HV structure (Gantry)	1	Rebuilt	1,799	Good
Substation HV Switch	1	Rebuilt	10,086	Fair
SCADA	1	Rebuilt	0	Very Good
Poles	165	Rebuilt	138,556	See table 2*
Overhead conductor	25,156 [m]	Rebuilt	96,350	Good
Underground cable	1,033 [m]	Rebuilt	1,298	No record
Load Interrupter Switch	1	Rebuilt	4,741	No record
In-Line Switches	99	Rebuilt	28,016	No record
Padmount Transformers	4	Rebuilt	3,263	No record
Pole mounted Transformers	24	Rebuilt	30,421	No record
Overhead secondary conductor	2452 [m]	Rebuilt	12,218	No record

Asset Condition Assesment Health Index (HI) scoring:
85-100 Very Good
70-85 Good
50-70 Fair
30-50 Poor
0-30 Very poor

* Power Transformer had a HI of 54

b) Table 1 above illustrate the availabe condition of the equipment prior to the derecho storm event. Table 2 below lists the conditions of wood poles prior to the last inspection:

Table 2: Conditions of wood poles as per the last inspection results:

Condition	Quantity	Percentage
Fair	82	50%
Fair-Poor	7	4%
Good	5	3%
Poor	13	8%
No record	58	35%
Total	165	100%

c) There are no changes expected to Elexicon Energy's future investment plans as a result of replacing damaged assets caused by the derecho storm event, since the assets that were replaced were on a like-for-like bases. Additionally there was no immediate plan to invest in any of the assets refered to in the above table 1.
d) No upgrades were installed. All assets we replaced on like-for-like bases.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-05:

Ref: (1) Application, page 11

Preamble:

On this page, Elexicon Energy states:

The Crisis Management Team immediately activated the organization's Power Restoration Plan and declared a Level 3 outage situation, which involves any power interruption event affecting more than 25,000 customers with an expected restoration time exceeding 24 hours.

Questions:

a) Please provide a copy of Elexicon Energy's Power Restoration Plan that was activated in response to the derecho storm event.

b) Please discuss any deviations from Elexicon Energy's Power Restoration Plan during the response efforts to the derecho storm event.

Response:

a) Elexicon's Power Restoration Plan in effect at the time of the derecho storm event is included as Attachment 1 to this response.

b) In reviewing the response efforts to the derecho storm event, the only deviation from the Power Restoration Plan ("PRP") noted was the use of verbal updates in the Incident Command Centre ("ICC") operational cycle meetings instead of the use of the Sitrep document, as indicated in the PRP. Relevant information was still shared, as necessary. The use of the Sitrep document will be included in future events.

STAFF-05

ATTACHMENT 1

ELEXICON'S POWER RESTORATION PLAN

Power Restoration Plan

December 2020

Table of Contents

List of Acronyms

CMT	Crisis Management Team
EDA	Electricity Distributors Association
ESA	Electrical Safety Authority
ICC	Incident Command Centre
IESO	Independent Electricity System Operator
MOC	Municipal Operations Centre
OEEP	Ontario Electricity Emergency Plan
OnMAG	Ontario Mutual Assistant Group
OPG	Ontario Power Generation
PERP	Provincial Emergency Response Plan
PRC	Power Restoration Coordinator
PRP	Power Restoration Plan

Introduction

As a requirement of the Distribution System Code section 4.5.6 and section 4.5.7, this document has been prepared to outline the organization, the responsibilities and the procedures to be taken by Elexicon Energy personnel to alleviate the effects of a widespread outage on the Elexicon Energy system or for a declared emergency by: Elexicon Energy, client municipalities, neighboring utilities, the IESO, Hydro One, the EDA, and Regional/County Emergency Management Offices.

Purpose

The purpose of the Elexicon Energy Power Restoration Plan (PRP) is to provide Elexicon Energy staff with an instructional guide to assist in the restoration of power outages caused by uncontrolled events. The PRP also provides instructional guidance to Elexicon Energy staff in the event of an emergency declared by one or more municipalities serviced by Elexicon Energy. Refer to the PRP Distribution List at the end of this document.

For the purposes of this Plan, emergencies refer to power outages. All other emergencies are covered in the Business Continuity Plan.

Outage Response Overview

Optimization of the PRP implementation requires a clear understanding of accountabilities, Plan familiarity, definition of required state of readiness for facilities and the availability of pertinent information prior to the outage. It also requires a process to ensure the Plan is up to date and monitored to reflect changing Plan requirements.

Key Response Overview

Outage response is structured with the following components:

1. Identification, Assessment and Make Safe
2. Communication
3. Resource Mobilization
4. Restoration
5. Reporting and Evaluation
6. Training

These components exist regardless of the outage level, although the level of effort/complexity increases with the severity of the outage.

1) Identification, Assessment and Make Safe

Prompt action once a power outage situation has been identified is critical to the successful implementation of the PRP. The first priority is for field staff to assess the circumstances and ensure that staff and the public are safe.

A minimum of a two-person trouble crew will normally respond to interruptions to electricity service. The trouble crew will inform their supervisor and the control room operator. The supervisor, with other management personnel if necessary, will determine the level of power restoration as a Level 1, Level 2 or Level 3 outage.

2) Communications

During a power outage, it is critical that communication is managed within the various emergency organizations and the public. Pre-planning will help set the stage for managing communications effectively and efficiently during and after the event. Notification to the appropriate stakeholders from Elexicon Energy personnel must be timely. It is also important that communication is disseminated through one source designated by Elexicon Energy management.

3) Resource Mobilization

Resource mobilization for outages classified as Level 1, Level 1a and Level 2 will be handled as per the Power Restoration Plan. If it is determined that the scope of the response exceeds this capability (ie a Level 3 outage), then the Incident Command Centre (ICC) Team procedures outlined in the PRP will be implemented to mobilize the appropriate resources within Elexicon Energy, and in conjunction with the appropriate mutual assistance plan i.e. South Central Ontario LDC Mutual Assistance Plan or CEA's Ontario Mutual Assistance Group (OnMAG) to mobilize utilities as required Mutual Assistance Plan (**Appendix A**).

4) Restoration Plan

If it is decided that the outage is a Level 2, the Manager, Stations & System Control will assume the role of the Power Restoration Coordinator (PRC). The PRC may activate all or parts of the Incident Command Centre (ICC) Team. If the outage is a Level 3, the ICC shall be activated. The ICC Team will ensure adequate communication with customers, local government, and health and emergency response organizations based on the power outage level. An individual member of the ICC Team may hold multiple roles and responsibilities depending on the severity of the power outage. The PRC, based on the assessment of the power outage, will determine the roles required and the size of the ICC Team.

5) Reporting and Evaluation

Reports of the various levels of power outage and mitigation progress must be made through the appropriate levels of management and political levels. The responsibility of reporting will reside with the PRC and the ICC Team.

6) Training

Staff assigned to the PRP will receive appropriate training to effectively deploy a speedy restoration program.

Maintaining Critical Information

Correct and updated information is critical to the success of any power restoration plan. The list below outlines the information that should be known before a power outage occurs. To ensure the most current information is available, general contact lists will be maintained and accessed under the Business Continuity Plan.

1. Know and understand the Power Restoration Level Classifications

2. Maintain the following lists:

   - List of Feeders, Stations and Substations, and Priority Customers (**Appendix G**)
   - Power Restoration Organization Chart

3. Access the following lists from the Business Continuity Plan:

   - Emergency Services
   - External Contacts (including suppliers, vendors)
   - Command Centres
   - Technology Recovery Centre
   - Substation Address Listing
   - Internal Contact Lists
   - Board Members and Stakeholders
   - Public Officials - Federal, Provincial, Municipal
   - Media Contacts

Document Control and Legislative Authority

The Elexicon Energy PRP will be reviewed and revised as applicable on an annual basis.

The Vice President, Distribution Operations is responsible for maintaining and updating this Plan and submitting it to the IESO as required.

Revisions to the Elexicon Energy Power Restoration Plan will be submitted to the IESO in accordance with the requirements under the IESO Market Rules (Ch. 5, 5.11.2.4).

POWER RESTORATION LEVEL CLASSIFICATIONS

There are four levels of response in this Plan - Levels 1, 1a, 2 and 3. It's important to stress that the particular response will be dictated by the nature of the power outage and the judgment of the power restoration team. The PRP is not intended to be a strict set of rules. Rather, the PRP a guideline to inform the response teams and allow them to use their best judgment.

Level 1 Outage

Level 1 is the normal operating level for the System Control Centre and supporting functions. This involves any power interruption event that affects up to 10,000 customers with an expected restoration time predicted to last less than four (4) hours. These events will be handled using Elexicon's standard operating guidelines and procedures.

The role of PRC will normally be assumed by the Supervisor, System Control Centre, working in consultation with the Manager, Stations & System Control.

Level 1a Outage

Level 1a is an elevated response for the System Control Centre and supporting functions. This involves any power interruption that affects up to 10,000 customers with an expected restoration time predicted to last less than four (4) hours, but involves special circumstances such as political, board, or system access issues that require limited parts of the ICC to be activated, such as Communications and/or IT. A Level 1a outage may also apply to an outage with <10,000 customers affected but the expected restoration time may significantly exceed four (4) hours due to local conditions (e.g. 2,000 customers in Gravenhurst with a 12 hour restoration time due to lengthy patrolling and repair times for island customers). In such circumstances the PRC may elect to activate parts of the ICC such as mobilizing additional work crews above the standby/on-call list, and Communications to assist with messaging to stakeholders.

The decision to escalate a Level 1 outage to a Level 1a outage will be made through consultation between the VP, Distribution Operations and the Power Restoration Coordinator.

In a Level 1a outage the role of PRC will normally be assumed by the Supervisor, System Control Centre, working in consultation with the Manager, Stations & System Control.

Level 2 Outage

Level 2 is an upgraded status response level for the System Control Centre and supporting functions. This involves any power interruption event that exceeds the threshold of 10,000 customers with an expected restoration time predicted to exceed four (4) hours.

In a Level 2 outage the role of PRC is assumed by the Manager, Stations & System Control.

These thresholds are guidelines. The Manager, Stations & System Control has the discretion to activate a Level 2 outage if in their judgment, there are circumstances requiring an elevated response. Examples could be public safety,

environmental impacts, a station fire or prediction of additional significant weather-related events that may include high wind warnings, winter storm warnings, freezing rain warnings, tornado/storm events. In the event of a Weather Warning being issued, the Manager, Stations & System Control, or alternate, will issue a Readiness Reminder to the ICC leads via email (**Appendix B**)

This reminder will require these staff to confirm their pre-event checklists and confirm their readiness to assist if called upon. This confirmation is to be sent via email and announced on the ICC Microsoft Teams page. If an out of office message is received in response, the Manager, SSC shall forward the email to the first alternate named on the Power Restoration Organization Chart **(Appendix C)**

Depending on the circumstances of the event, the PRC may activate all or part of the Incident Command Centre Team. The PRC shall advise which part(s) of the ICC Team are being activated as part of the Level 2 Activation Notice (**Appendix D**)

The PRC will also be responsible for advising the VP, Distribution Operations, or designate, who will keep the Executive Leadership Team apprised.

Level 3 Outage – Upgraded Response

Level 3 is the Power Restoration Plan activation level for the System Control Centre and supporting functions, which involves any power interruption event that exceeds the threshold of 25,000 customers with an expected restoration time exceeding twenty-four (24) hours.

The Manager, Stations & System Control must recommend to the VP, Distribution Operations that a Level 3 power outage response be initiated. Only the VP, Distribution Operations, or their designate, has the authority to declare a Level 3 outage. See Level 3 Outage Activation Notice (**Appendix E**).

The VP, Distribution Operations will assemble the Crisis Management Team (**Appendix F**) consisting of the Executive Leadership Team. While the Power Restoration Coordinator acts as the Incident Command Centre (ICC) Chair during the event, the CMT supports the ICC Chair by:

- providing guidance to the ICC Chair;
- by ensuring that ICC team members under their respective departments are provided with the necessary tools, direction and authorizations to perform their roles effectively;
- by providing a centralized source of expertise, judgment and accurate information for use by the spokespersons in response to media, public concerns, and inquiries; and
- ensuring a consistent message is delivered by all staff

The Manager, Stations & System Control will continue in or assume the role of PRC/ICC Chair and will assemble or expand the ICC Team to its full complement, and will act as the liaison with the Crisis Management Team.

The Supervisor, Stations and System Control or alternate will assume the role of ICC Restoration Manager, to assist the ICC Chair will the collection, organization and dissemination of information from the ICC Team.

POWER RESTORATION LEVEL CLASSIFICATIONS

Refer to the Power Restoration Organization Chart **(Appendix C)** for more details.

Table 1 below summarizes the Elexicon Energy Power Restoration Level Classification System and how it relates to municipal utility emergency plans.

Table 1. Elexicon Energy Power Restoration Level Classifications

Level Response		1 and 1a	2	3
# Customers		Up to 10,000	10,001 – 24,999	25,000 or more
Duration		Less than 4 hrs	More than 4 hrs	Exceeding 24 hrs
Communications Methods	**Social Media**	Yes	Yes	Yes
	Outage Map	Yes	Yes	Yes
	Board, Shareholders	No for 1, Possible for 1a	Yes	Yes
	Media Releases	No for 1, possible for 1a	Yes	Yes

Priority Feeder Restoration

Every effort will be made to provide priority feeder restoration to the following facilities:

- Hospitals
- Municipal Operations Centres and Evacuation Centres
- Warming and Cooling Centres
- Emergency response facilities such as Fire, Ambulance and Police
- Water pumping and water treatment facilities
- Nursing homes and other long-term care facilities
- Known customers on life support
- Key industrial customers

The above list describes the order of restoration priority, however the Power Restoration Coordinator / ICC Chair will use their discretion during an event to confirm the actual restoration order.

Refer to Appendix G for a list of Feeders and Substations, and Priority Customers.

ICC ACTIVATION PROCESS

This section acts as a guide for Incident Command Centre (ICC) members to take the necessary steps to activate the PRP, notify and deploy the ICC Team, conduct power restoration emergency operations, and deactivate the PRP. For the purposes of this Plan, emergencies refers to unplanned power outages. For any other emergencies, refer to the Business Continuity Plan.

Plan Activation

In the event of a Level 2 power outage, crews will be deployed to promptly address and mitigate the impact of electricity service loss, ensure staff and public safety, communication, and restoration. The PRC will continue monitoring or activate all or parts of the Incident Command Centre (ICC) Team.

In the event that the VP, Distribution Operations or their designate declares a Level 3 power outage, the VP, Distribution Operations or their designate will assemble the Crisis Management Team consisting of the Executive Leadership Team.

The PRC will assemble all or parts of the ICC Team to promptly address and mitigate the impact of electricity service loss and restoration and on public health and safety. The ICC Team will ensure adequate communication with the customers, local government, health and emergency response organizations as appropriate. An individual member of

the ICC Team may hold multiple roles and responsibilities depending on the severity of the power outage.

ICC Team

The purpose is to direct the power restoration response during a Level 3 power outage, including the implementation of the Elexicon Energy Power Restoration Plan, and to participate in annual training and an annual outage exercise.

The goal is to provide a controlled and coordinated power outage response by Elexicon Energy staff and external agencies, under the direction of appropriate officials.

ICC Team Composition – Primary

Position Title	ICC Team Role
Manager, Stations & System Control	Power Restoration Coordinator / ICC Chair
Supervisor, System Control Centre	System Control Centre / ICC Restoration Manager
Director, Lines	Field Operations
Manager, Corporate Services	Fleet, Logistics, Facilities
Manager, Employee & Labour Relations	Labour Relations
Manager, Health, Safety & Environment	Health and Safety
Manager, Planning & Standards	Asset Management
Corporate Communications Representative	Corporate Communications
Manager, Customer Care	Customer Communications
Manager, Operations Technology and Innovation	OT Support
Manager, Information Technology & Cyber Security	IT Support

Position Title	ICC Team Role
Executive Assistant, Distribution Operations & Asset Management	Administrative and Organization Support

The roles and responsibilities of each ICC Team member and associated checklist are found in **Appendix H.**

It is important to note that each ICC lead has the ability to expand and contract sub-units under their respective areas of responsibility during an event, depending on the circumstances of the incident. Two important and common sub-units include:

1. Damage Assessment Team
    - comprised of staff volunteers who do not work in Lines
    - activated by and reports to the ICC Manager, Field Operations during a Level 2 or 3 incident
    - assists with visual inspection in the field to identify poles down, tree contacts etc. to help the Power Restoration Coordinator determine the resources needed to restore power
    - is required to complete a Damage Assessment Form **(Appendix I)** for each area inspected
2. Organization Support
    - typically activates subunits to separate staff support (e.g., securing hotels and meals) from administrative support (e.g., setting up account codes, tracking documentation)
    - can also use staff volunteers to provide support to the ICC lead and their alternates who may be leading subunits.

Instructions regarding the use of volunteers, and the current volunteer directory is available as **Appendix J.**

Power Restoration Coordinator

In establishing any activity under this Plan, it is important that there be one individual who will oversee, control and coordinate the process of restoring power and assign positions and duties to individual members of the ICC Team.

Level 1 and 1a Power Restoration Coordinator: Supervisor, System Control or alternate.

Levels 2 & 3 Power Restoration Coordinator (and Incident Command Centre or ICC Chair): Manager, Stations & System Control or alternate.

POWER RESTORATION OPERATIONS

Level 3 power outage operations require coordinated responses that may involve multiple stakeholders, under the direction of appropriate officials. This section details how the ICC Chair manages operations within the Incident Command Centre (ICC). As a reminder, the Power Restoration Coordinator is also the ICC Chair in a Level 2 or 3 outage.

The ICC Team will report to the System Control Centre meeting room in Ajax. The alternate location will be the Clarington Boardroom when the primary ICC is unavailable. In-person meetings will be the preference, but if necessary, video conferencing will be acceptable. *Note: At the time this Plan was last updated (December 2020), the COVID-19 pandemic required staff to work remotely wherever possible; as a result a Microsoft Teams page was developed to provide a digital ICC during Level 2 and Level 3 outages. Once the pandemic restrictions are lifted, it is envisioned that a hybrid approach will be used for future ICC activations, whereby those that can assemble at the physical ICC will do so, and those that need to work remotely will participate via the digital platform.*

Incident Command Centre

The ICC, whether in person or digital, serves as a centralized management centre for operations for the Elexicon Energy ICC Team when they gather to implement the provisions of this PRP in the event of a Level 3 power outage or greater. The ICC is equipped with dedicated telephone lines, video-conferencing and operating diagrams.

The Power Restoration Coordinator / ICC Chair will determine the requirements for the ICC facilities and direct the appropriate parties the responsibility of ensuring both centres are maintained in a state of readiness at all times. See **Appendix K** - Incident Command Centres

ICC Management

The Power Restoration Coordinator (secured in section 3.3) is the Chair of the ICC and is responsible for managing the overall operations within the ICC. The Power Restoration Coordinator/ICC Chair is assisted by other support staff as required. Coordination of actions and information sharing between ICC Team members is managed by using an operations cycle.

Operational Cycle

It is imperative that the ICC Team have an opportunity to discuss situation analysis and strategic planning through clear communication. This communication is best organized through an operational cycle. This cycle is meant to keep the ICC on schedule. It assists in ensuring all relevant business is taken care of in the desired timelines and is used to assess the current situation, develop incident action plans, and evaluate potential actions. The length of the operational cycle is the responsibility of the Power Restoration Coordinator/ICC Chair. Depending on the intensity of the operations and the situation, the cycle may be lengthened or shortened. It is important to set an appropriate time for the operations cycle to run, to ensure there is sufficient time for the response groups to meet and discuss the incident and to allow time for the support functions to address their priorities and objectives.

Prior to the end of each Operational Cycle, each activated ICC unit lead shall complete a Status Update Report (**Appendix L**) and submit it to the Power Restoration Coordinator. In a Level 3 Outage, this report is to be submitted to the PRC (who is elevated to ICC Chair) via the ICC Restoration Manager, who compiles and summarizes the information in a Situation Report (**Appendix M**) that is distributed to all ICC Units and the Crisis Management Team.

ICC De-activation

The ICC is deactivated when the incident no longer requires the coordination and support functions provided by the ICC Team. Deactivation is the responsibility of the Power Restoration Coordinator/ICC Chair and involves resource demobilization by the ICC Team as well as after-action reviews and improvement planning.

Once the system is returned to normal operation, the VP, Distribution Operations or their designate, on advice from the ICC Chair, will declare end of emergency, thus authorizing all field staff to return to normal operations.

De-briefing

Following a Level 2 or Level 3 response, a debrief session shall take place within one (1) week of the outage conclusion. This debrief session may include but not be limited to the ICC Team.

The debrief session will be used to analyze the response to the outage to determine the requirement for process, policy or power restoration plan enhancements based upon lessons learned.

The Power Restoration Coordinator will also prepare debriefing notes for the VP, Distribution Operations to share with the Executive Leadership Team and a Post Outage Report identifying positive accomplishments, shortcomings, and lessons learned.

Training

The Elexicon Energy PRP will be reviewed with all applicable staff on an annual basis. Also the use of a simulated Level 3 power outage exercise will ensure staff competency in executing the plan and to test all the components of this Plan including effectiveness of each ICC Team position, resources, communications, and restoration.

After each drill or actual emergency situation, the ICC Team will review the Post Outage Report and make recommendations to the Executive Leadership Team.

Testing and Training Record documents delivery; attendance records are stored external to this Plan within HR records.

Elexicon Energy will participate in all drills coordinated by the IESO in the implementation and testing of the Ontario Electricity Emergency Plan, as applicable.

Supporting Municipal Operations Centre (MOC)

This section outlines the requests for a representative to attend Municipal Operations Centre(s).

An "emergency" is defined as an emergency declared by one or more municipalities within our service districts requiring the staffing of one or multiple Municipal Operating Centres.

See power restoration contact information within Elexicon Energy Districts for information specific to Municipal Emergencies.

A call may be received notifying Elexicon Energy that a representative is requested to attend one or multiple MOCs. The ICC Chair may designate appropriate personnel to attend.

The MOC representative(s) shall upon arrival establish a communication link to the Power Restoration Coordinator. The MOC representative shall remain in communication with the Power Restoration Coordinator throughout the power outage as required.

Power Restoration Plan Distribution List

Copies of this Plan are to be distributed to:

- all ICC Team members and their alternates, in hard copy and PDF
- all members of the Crisis Management Team, in hard copy and PDF
- each control room in operation (primary, backup, temporary), in hardcopy
- One complete PDF and original files (.docx, .xlsx) under the Files tab of the Microsoft Teams ICC Page

The official copy of this Plan and supporting content (Appendices) shall be stored on the Readysmith site at https://raas.readysmith.com/Elexicon_Energy/Power_Restoration_Plan .

List of Supporting Content

The appendices do not form part of the Plan but are referenced throughout and made available for use during a Level 2 or Level 3 outage. The Plan appendices may be confidential and provide more detailed, relevant information that may require frequent updating, be of a technical nature or contain sensitive or personal information the release of which could pose a security threat or violate privacy legislation.

· Appendix A: Mutual Assistance Plan(s)

· Appendix B: Readiness Reminder

· Appendix C: Power Restoration Organization Chart

· Appendix D: Level 2 Outage Activation Notice

· Appendix E: Level 3 Outage Activation Notice

· Appendix F: Crisis Management Team

· Appendix G: List of Feeders, Stations and Substations, and Priority Customers

· Appendix H: Power Restoration Roles, Responsibilities & Checklists

· Appendix I: Damage Assessment Form

· Appendix J: Volunteer Instructions and Directory

· Appendix K: Incident Command Centre(s) Diagram and Checklists

· Appendix L: ICC Unit Status Update Report

· Appendix M: PRC / ICC Chair Situation Report (SitRep)

List of Supporting Content

- Appendix N: Record of Outside Crews Form

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Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-06:

Preamble:

Elexicon Energy did not indicate whether it assisted with power restoration efforts for neighbouring communities once power was restored to its customers.

Questions:

a) Please confirm that Elexicon Energy did not assist other utilities for power restoration efforts in the aftermath of the derecho storm.

b) If Elexicon Energy did assist neighbouring communities, did it charge a premium to assist other LDCs? If so, please summarize the details of the charges made to other utilities.

Response:

a) Confirmed. Elexicon Energy did not assist other utilities in their power restoration efforts after the derecho event as Elexicon staff were fully occupied with repairs to its own network.

b) Not applicable based on response to part a.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-07:

Ref: (1) Application, page 7

(2) Chapter 3 of the OEB's Filing Requirements for Incentive Rate-Setting Applications, May 24, 2022

Preamble:

The OEB's 2023 Incentive Rate-setting Applications Filing Requirements state that, in order 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.

In the application, Elexicon Energy states that its achieved regulatory ROE for 2021 was 6.97%, which is 2.56% less than the 9.43% OEB-approved ROE. Elexicon Energy's forecast for its regulated 2022 ROE at this time is expected to be below the OEB Deemed ROE, and fall within the OEB's 300 basis points ROE dead band.

Question:

a) Please provide Elexicon Energy's 2022 achieved ROE on a regulated basis, also indicating whether it is based on audited or unaudited year-end actuals. Also, please provide the calculations showing the derivation of the 2022 actual ROE on a regulated basis.

Response:

As stated in Elexicon's Z-Factor application,[1] the forecast of its regulated 2022 ROE is expected to be below the OEB Deemed Return on Equity ("ROE"). Elexicon reaffirmed this projection on February 21, 2023 in its response to Additional Question #1 from the OEB panel in Elexicon's ICM Application (EB-2022-0024).

Elexicon does not yet have a finalized determination of its 2022 achieved ROE on a regulated basis. As of the date of these interrogatory responses, Elexicon Energy ("Elexicon") only has an estimate of its 2022 achieved ROE, which is [redacted] The actual 2022 ROE on a regulated basis is

[1] Elexicon Z-Factor Application Main Body, page 7 of 21

currently being determined as part of the Reporting and Record Keeping Requirements ("RRR") process and will be filed with the OEB in due course.

The calculation performed by Elexicon to estimate its 2022 regulated ROE was based on the same principles and approach Elexicon will use to file its regulated ROE as part of its RRR filing. The final basis for the forecasted ROE calculation is provided below:

Estimated Regulated ROE = (Forecasted Regulated Net Income as per Schedule 2.1.7 minus Adjustments for ROE purposes[2]) divided by forecasted Deemed Equity

[2] Some examples of potential adjustments include but are not limited to: adjustment for disallowed donations, adjustment for true up or down of Deemed Interest expense, and adjustment of tax for ROE purposes

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-08:

Ref: (1) Application, page 7

Preamble:

Elexicon Energy states that it employs two broad methods to reduce the impact of extreme weather events on its distribution system: asset hardening and following its Power Restoration Plan to restore power following a major event.

To reduce asset failure as a result of extreme weather, Elexicon Energy states that it employs asset hardening measures such as proactively replacing poles, reinforcing and undergrounding around key infrastructure, vegetation management and investing in smart grids / microgrids.

Elexicon Energy states that an outage map was displayed on its website to provide information on outage locations and estimated restoration times.

Elexicon Energy states that the derecho storm, and the impact it had on Elexicon Energy's distribution system, was more destructive than the 2013 ice storm.

Questions:

a) Please explain how Elexicon Energy determined that their existing asset hardening practises were sufficient for their electricity distribution infrastructure to withstand extreme weather.

b) Please provide a copy of the outage map of Elexicon Energy's service territory displaying identified outage service areas at in maximum (i.e., likely immediately after the derecho storm passed and before service restoration was initiated.)

c) OEB staff observes that a service interruption upstream in the network can cause outages in wider areas downstream that may not have suffered as much, or even no, damage to the network. In the map requested in b), can Elexicon Energy show where its network infrastructure was repaired, rebuilt, or replaced as a result of the derecho storm.

Response:

a) Elexicon Energy's customary practice following extreme weather events, the most recent being in 2013, is for staff to undertake a review of its system hardening practices. As a result of its review in this situation, Elexicon engineering established a standard design practice which requires that all pole loading analysis have a minimum pass/fail criteria of 85% based on the accepted Canadian Standards Association Heavy requirements for this

region while calculating existing or planned loads, as well as attributing assumed loads to all potential future attachement points.

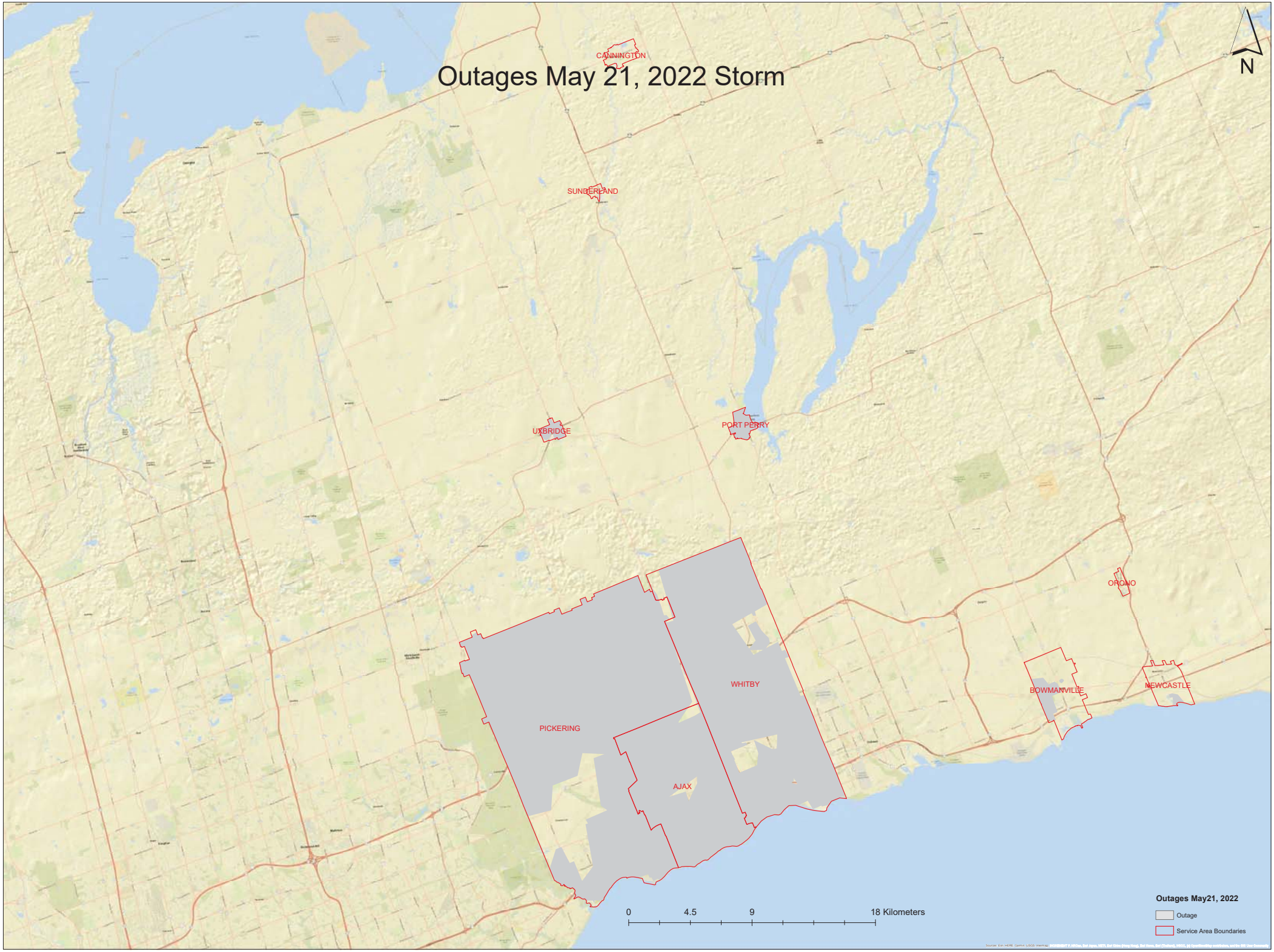
b) Please see Attachment 1 to this response. Areas experiencing outages are shown in grey.

c) Please see Attachment 2 to this response.

STAFF-08

ATTACHMENT 1

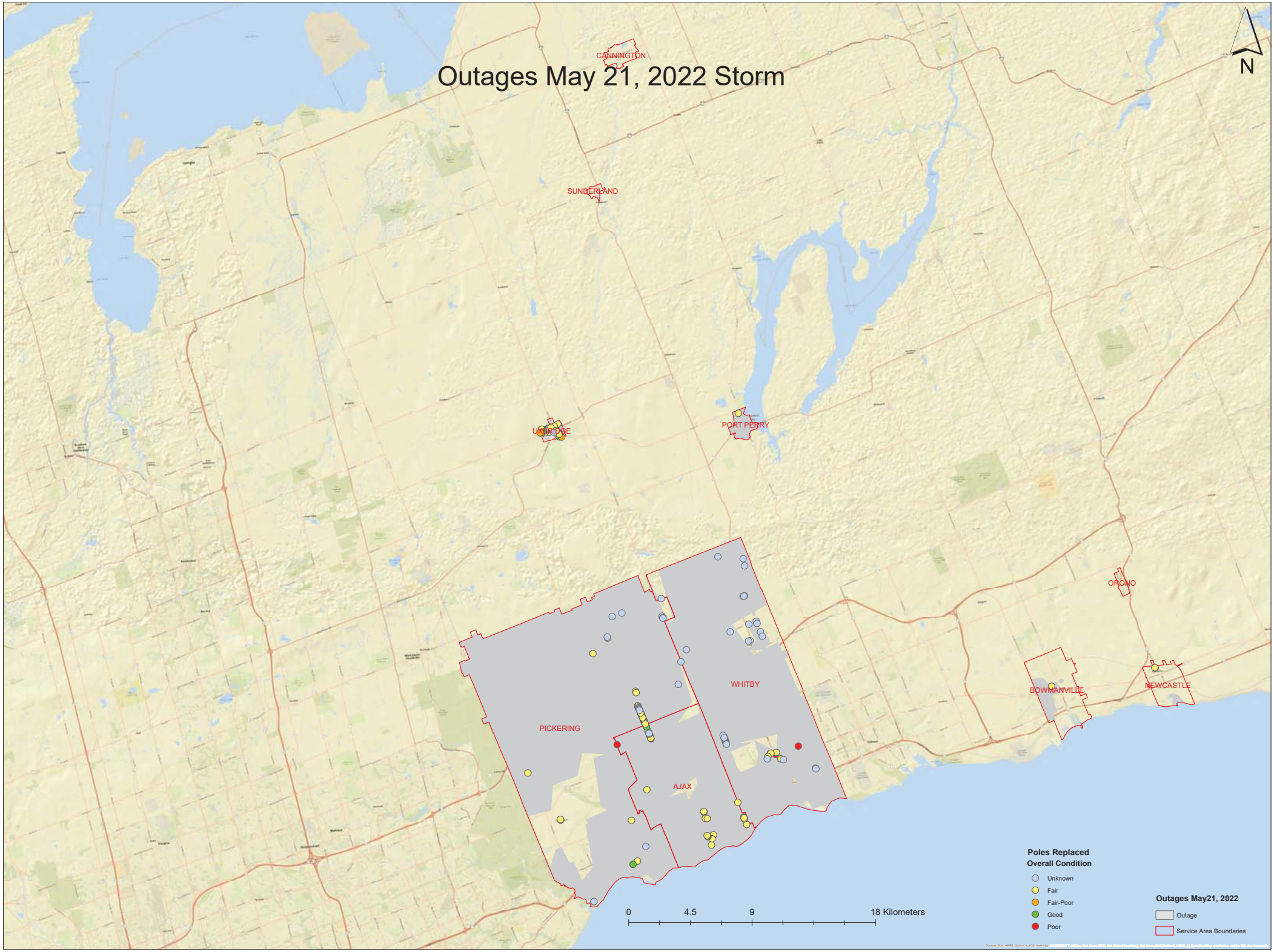
OUTAGE MAP


Outages May 21, 2022 Storm
N
CANNINGTON
SUNDERLAND
UXBRIDGE
PORT PERRY
ORONO
WHITBY
PICKERING
AJAX
BOWMANVILLE
NEWCASTLE
0
4.5
9
18 Kilometers
Outages May21, 2022
Outage
Service Area Boundaries

STAFF-08

ATTACHMENT 2

POLES REPLACED


Outages May 21, 2022 Storm
N
CANNINGTON
SUNDERLAND
UXBRIDGE
PORT PERRY
ORONO
WHITBY
PICKERING
AJAX
BOWMANVILLE
NEWCASTLE
0
4.5
9
18 Kilometers
Poles Replaced
Overall Condition
Unknown
Fair
Fair-Poor
Good
Poor
Outages May21, 2022
Outage
Service Area Boundaries

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-09:

Ref: (1) Application, page 7

Preamble:

Elexicon Energy provides time-based chronology of events running from Environment Canada's issuance of a Severe Thunderstorm Watch to Elexicon Energy having restored electricity to 98.7% of its affected customers.

Questions:

a) Please confirm if all restoration work as a result of the derecho storm has been completed. If not, please describe the work that remains from the storm, and provide the estimated costs for the respective work.

b) Please provide Elexicon Energy's pole replacement policy.

c) Please explain how Elexicon Energy differentiates between asset replacement required as a result of the storm and asset replaced as part of the regular pole replacement program.

d) Please provide the total pole replacement cost and the number of poles replaced due to the derecho storm event.

e) Please confirm Elexicon Energy's budgeted and actual cost for the pole replacement in 2022 and explain the variance, if any.

f) Please confirm if Elexicon Energy has deferred any planned capital projects due to the costs of the windstorm. If yes, please provide the details.

Response:

a) All restoration work as a result of the derecho storm has been completed.

b) Elexicon Energy Inc. ("Elexicon") has commited a whole program to pole replacement which is detailed in the 2021 Distribution System Plan ("DSP") that was filed as part of the 2022 Incentive Rate Mechanism ("IRM") application[1].

   The Pole Renewals Program is intended for proactive replacements of deteriorated wood and concrete poles in Elexicon distribution system. The need for this work is supported by the Asset Condition Assessment ("ACA") which identifies the population of poles that are at risk of deteriorating and catastrophically failing over the next five years. The poles are tested and inspected to determine their condition and are flaged for replacement if they are deemed dangerous or in poor condition.

c) The testing and inspection program identifies all poles that require immediate replacement because of their condition. Folders are issued annually to lines staff to replace those poles, and none of the poles that were replaced as a result of the storm were in the list of poles to be replaced as part of the pole replacement program.
d) See response to VECC-03 d)
e) Elexicon Energy's 2022 original budget for pole replacement was $2.12M and the actual expenditures were $3.84M. The variance is mainly due to new poles that were identified to be replaced and to an increase in the installation cost of both the material and labour.
f) Elexicon Energy has not deferred any planned capital projects due to the costs of the windstorm.

[1] EB-2021-0015 Distribution System Plan, R3 – Renewal Programs – Poles, page 426 of 1591

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-10:

Ref: (1) Application, page 4(2) Appendix A – 1d Elexicon's Major Event Response Report submitted to the OEB, page 3

Preamble:

On page 4 of its application, Elexicon Energy states that "[i]n the aftermath, over 95,000 customers were without power in the communities of Ajax, Belleville, Bowmanville, Pickering, Uxbridge and Whitby".

On page 3 of Appendix A -1d, entitled "Elexicon's Major Event Response Report submitted to the OEB", it is stated that 126,456 customers had service interrupted as a result of the storm.

Question:

a) Please explain the differences in the customers with power interrupted between page 4 of the Application and page 3 of Appendix A – 1d. For instance, was the interruption of around 31,000 customers in the form of momentary interruptions, or was Elexicon able to restore service of some sustained interruptions through network control where infrastructure repair was not required?

Response:

a) The differences in the customers with power interruption numbers on page 4 of the Application refers to a peak count of customers without power, at one time, as indicated on page 4 of the Application. The total number of customers without power at any time over the length of the restoration period referenced on page 3 of Appendix A- 1d refers to customers not initially affected by the storm, and not part of the peak count of customers affected, who were later affected by tree limbs weakened by the storm falling on Elexicon plant.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-11:

Ref: (1) Application, page 4 (2) Appendix A – 1a Elexicon May 2022 Derecho Storm Summary, page 9

Preamble:

On page 4 of the Application, Elexicon Energy states that, of the communities that Elexicon Energy serves, "Uxbridge was the most severely impacted service area with its main transformer station requiring a full rebuild as part of the Derecho Storm Event restoration operation".

On page 9 of Appendix A – 1a, entitled "Elexicon May 2022 Derecho Storm Summary", Elexicon Energy has included a picture of the damage at the Uxbridge Transformer Station (Uxbridge TS).

Questions:

a) Please provide a detailed discussion of the damage done to the Uxbridge TS and the work done that constituted a "full rebuild" of the Uxbridge TS.

b) Please provide a detailed breakdown of labour and materials costs specifically for the Uxbridge TS rebuild.

c) Please provide the Gross Book Value, Net Book Value, annual depreciation expense, actual age, and useful lives of the components of the Uxbridge TS.

d) Provide the most recent Asset Condition Assessment report for the Uxbridge TS.

Response:

a) Below is a listing of the damage to the Uxbridge DS:

- 44kV metal lattice tower, including power fuses, was brought down by the storm.
- In the process of the tower coming down, a portion of one of the fuse mounts came down and pierced a radiator on the transformer in operation there.
- Due to the low height of the hole in the radiator, nearly all oil drained out of the transformer. We estimate approximately 4,000 litres of oil was discharged.
- Uxbridge West DS was equipped with an oil containment system that captured all the oil. The oil containment utilized a water permeable/ transformer oil non-permeable membrane to block passage of oil through it. This membrane had to

be replaced as its exposure to oil had chemically changed it and it would no longer allow water to drain through it.

- Vac-trucks were used to remove the oil held by the oil containment system.
- The 44kV metal lattice tower was replaced with a wood pole with power fuse holder.
- 44kV conductors were attached to the replacement pole and from the fuses to the switchgear.
- 4.16kV switchgear onsite did not require repair.
- Station fencing had to be repaired in the area of the 44kV tower as it had been damaged.

b) A detailed breakdown of labour and materials costs specifically for the Uxbridge TS rebuild.

Table 1 – Breakdown of Labour and Material costs for Uxbridge TS Rebuild

Description	**Cost ($)**
Labour -regular	$17,005
Labour - OT	$33,114
Vehicles	$8,497
Materials	$155,756
Purchases	$18,680
Contract servies -Line	$162,838
Total UXB W substation-Rebuild cost	$395,889

c) Gross Book Value, Net Book Value, annual depreciation expense, actual age, and useful lives of the components of the Uxbridge TS.

Table 2: Uxbridge TS Financial Values

	Power Transformer	HV Structure	HV Switch	Building
Gross Book Value	$25,000			
Net Book Value	$11,000			
Annual depreciation expense	$1,500			
Actual age	47	47	47	47
Useful life	40	40	40	60

d) Below is the most recent Asset Condition Assessment report for the Uxbridge TS:

Table 3 – Asset Condition Assessment Report for Uxbridget TS

Uxbridge W Transformer	Fair
Station Building	Good
Station Battery Bank	Very good
LV Switchgear	Fair

Asset Condition Assesment Health Index (HI) scoring:
85-100 Very Good
70-85 Good
50-70 Fair
30-50 Poor
0-30 Very poor

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-12:

Ref: (1) Application, pages 4-5 (2) Appendix A-2 Notice of Intent to file Z-Factor Application (3) EB-2022-0024, Elexicon Energy Inc. 2023 IRM Distribution Rate Application

Preamble:

On pages 4-5 of the Application, Elexicon Energy documents the timeframe of the storm restoration efforts. Elexicon Energy notes that service was restored to about 90% of customers by 10:30 a.m. on May 23, 2022 (i.e., less than 48 hours after the storm passed through Elexicon Energy's service territory). Elexicon Energy noted that 98.7% of affected customers had service restored by May 27, at which point Elexicon Energy declared its Level 3 Outage over. Work continued on the reconstruction of the Uxbridge transformer station (Uxbridge TS), with all Uxbridge customers' service restored on May 29.

Elexicon Energy states that it informed the OEB of its intention to file a Z-factor application on September 6, 2022, after determining the materiality of the costs related to storm restoration, and then goes on to state that, while it intended to file its application in October of 2022, the work on Elexicon Energy's 2023 IRM application, which involved requests for two ICM [Incremental Capital Module] approvals resulted in re-prioritization of staff, with the current application's filing being delayed to December 9, 2022.

Questions:

a) Elexicon Energy has documented that full-service restoration was completed within 8 days from the occurrence of the storm (i.e., from May 21, when the storm occurred, to May 29, when full-service restoration, including reconstruction of the Uxbridge TS, was accomplished). However, it took Elexicon Energy over another three months to determine the materiality of storm-related costs and inform the OEB of its intention to file a Z-factor application on September 9, 2022. Please explain why it took Elexicon Energy as long as it did to record all of the operating and capital-related costs related to the storm restoration.

b) Elexicon Energy filed its 2023 IRM application (EB-2022-0024) on July 27, 2022. As Elexicon Energy has noted, this application also has requests for approvals of two ICM proposals, in addition to the normal price cap adjustment to rates, disposition of Deferral and Variance account balances, and certain other requests. Please explain why Elexicon Energy did not integrate this request for Z-factor cost recovery as part of Elexicon Energy's 2023 IRM application, as the OEB's Chapter 3 Filing Requirements do allow for Z-factor applications in IRM applications?

c) OEB staff observes that Elexicon Energy's 2023 IRM application is also currently being considered by the OEB with respect to the two ICM proposals which, if approved would result in other rate riders to recover the revenue requirement of the ICM requests. There are no bill impacts reflecting both the ICM requests and the Z-factor request as proposed in this Application. Please provide bill impacts, in the standard format (i.e., as calculated in the IRM model and showing the components, sub-totals, and total bill impacts) assuming the ICM requests in EB-2022-0024 and the Z-factor request in this Application are approved as proposed, and for typical customer profiles in the customer classes and for each rate zone.

Response:

a) Elexicon required the period of time from the end of May, 2022 to December, 2022 when it filed its Z-Factor application to finalize all costs, and ensure accuracy of its request. Elexicon's first deadline of September, 2022 was intended to allow the company regulatory and finance staff to balance their work while being fully engaged in the regulatory process to support Elexicon's 2023 IRM and ICM application (EB-2022-0024). The extension to December was required because of vendor invoices that were still not received, and the company undertaking due-diligence inspections and internal audits to verify its Z-Factor claim.

b) Elexicon was unable to include its Z Factor application in its 2023 IRM application because of the extended duration of the storm restoration and the event's proximity to the July filing date of the IRM application.

   On page 42 of the Manager Summary of its IRM application, Elexicon did note that a Z-factor application was forthcoming:

   3.2.8 Z-factor Claims
   Elexicon has not included a Z-Factor claim in this application. A Z-factor claim will be filed later in 2022 for the May 21st storm that affected many regions in Ontario.

c) As requested, Attachment 1 provides the bill impacts, in the standard format, assuming the ICM requests in EB-2022-0024 and the Z-factor request in this Application are approved as proposed. Elexicon's proposal is that Whitby Smart Grid will be placed in-service in 2025 which is the year it will commence recovery in Rates for its ICM rate rider. The OEB's standard format for bill impacts is to calculate the change in the bill from existing rates to proposed rates that will be in effect. i.e. December 31st 2022 vs January 1st, 2023. As such, Elexicon did not include the Whitby Smart Grid amounts as these will not be in effect in 2023.

Elexicon has included the following in the Bill Impacts for the Whitby Rate Zone

- Elexicon's Z-factor application
- Elexicon's Sustainable Brooklin ICM project with a 2023 in-service (ICM model on record dated 20221018)

Elexicon has included the following in the Bill Impacts for the Veridian Rate Zone

- Elexicon's Z-factor application

In addition to what is being requested and for the OEB's consideration, Elexicon is including a bill impact that includes only the Z factor rate riders . This reflects the impact of the Z factor application and annual IRM base rate increases which have already been approved by the OEB. Please see Attachment 2

As noted in the response to interrogatory Staff-2, Elexicon has corrected the tables that were originally submitted in evidence. The rate riders used in the attachments to this response are consistent with the amounts in revised Tables 7 through 10 provided in Attachment 1 of Elexicon's response to Staff-2.

STAFF-12

ATTACHMENT 1

BILL IMPACTS

INCLUDING ICM REQUEST & Z-FACTOR REQUST

VERIDIAN RATE ZONE

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2023 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. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate 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 through end of June 2022 of $0.0967/kWh (IESO's Monthly Market Report for April 2022) 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 ***(eg: Residential TOU, Residential Retailer)***	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	RTSR **Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	750			
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	645			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	2,000			
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	432,160	1,480		
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	1,752,000	4,000		
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	4,219,400	6,800		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	500			1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0482	1.0482	180	1		1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	424,881	988		10,652
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total A		Sub-Total B		Sub-Total C		Total Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.12	3.7%	$ 1.18	3.2%	$ 3.22	6.7%	$ 3.27	2.6%
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 2.21	4.0%	$ 2.26	3.7%	$ 4.29	6.0%	$ 4.35	3.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 6.80	11.4%	$ 6.79	8.8%	$ 12.03	11.6%	$ 12.19	4.0%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1,034.97	17.1%	$ (465.01)	-5.1%	$ 1,274.29	7.1%	$ 1,439.94	2.0%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1,606.31	9.6%	$ (3,949.69)	-15.2%	$ 1,223.11	2.3%	$ 1,382.11	0.5%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 7,436.55	21.4%	$ 6,320.67	12.5%	$ 15,114.43	15.7%	$ 17,079.31	2.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 0.70	3.9%	$ 0.70	3.2%	$ 2.01	7.0%	$ 2.04	2.6%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 0.83	3.9%	$ 0.78	3.4%	$ 1.52	5.6%	$ 1.54	3.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 9,792.68	65.7%	$ 8,382.86	50.1%	$ 9,145.58	44.2%	$ 10,334.50	13.3%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.41	1	$ 28.41	$ 29.38	1	$ 29.38	$ 0.97	3.41%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ 1.76	1	$ 1.76	$ 1.98	1	$ 1.98	$ 0.22	12.50%	
Volumetric Rate Riders	$ 0.0001	750	$ 0.08	$ -	750	$ -	$ (0.08)	-100.00%	
Sub-Total A (excluding pass through)			**$ 30.25**			**$ 31.36**	**$ 1.12**	**3.69%**	
Line Losses on Cost of Power	$ 0.0929	36	$ 3.36	$ 0.0929	36	$ 3.36	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0031	750	$ 2.33	$ 0.0031	750	$ 2.33	$ -	0.00%	
CBR Class B Rate Riders	-$ 0.0002	750	$ (0.15)	-$ 0.0001	750	$ (0.08)	$ 0.08	-50.00%	
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0010	750	$ 0.75	$ 0.0010	750	$ 0.75	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 36.96**			**$ 38.14**	**$ 1.18**	**3.19%**	
RTSR - Network	$ 0.0083	786	$ 6.53	$ 0.0099	786	$ 7.78	$ 1.26	19.28%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0056	786	$ 4.40	$ 0.0066	786	$ 5.19	$ 0.79	17.86%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 47.89**			**$ 51.11**	**$ 3.22**	**6.73%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	786	$ 3.54	$ 0.0045	786	$ 3.54	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	786	$ 0.55	$ 0.0007	786	$ 0.55	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	480	$ 35.52	$ 0.0740	480	$ 35.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	135	$ 13.77	$ 0.1020	135	$ 13.77	$ -	0.00%	
TOU - On Peak	$ 0.1510	135	$ 20.39	$ 0.1510	135	$ 20.39	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 121.90**			**$ 125.12**	**$ 3.22**	**2.64%**	
HST	13%		$ 15.85	13%		$ 16.27	$ 0.42	2.64%	
Ontario Electricity Rebate	11.7%		$ (14.26)	11.7%		$ (14.64)	$ (0.38)		
Total Bill on TOU			**$ 123.48**			**$ 126.75**	**$ 3.27**	**2.64%**	

Customer Class:	SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	645	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 51.90	1	$ 51.90	$ 53.66	1	$ 53.66	$ 1.76	3.39%	
Distribution Volumetric Rate	$ -	645	$ -	$ -	645	$ -	$ -		
Fixed Rate Riders	$ 3.22	1	$ 3.22	$ 3.67	1	$ 3.67	$ 0.45	13.98%	
Volumetric Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 55.12**			**$ 57.33**	**$ 2.21**	**4.01%**	
Line Losses on Cost of Power	$ 0.0929	31	$ 2.89	$ 0.0929	31	$ 2.89	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0030	645	$ 1.94	$ 0.0030	645	$ 1.94	$ -	0.00%	
CBR Class B Rate Riders	-$ 0.0002	645	$ (0.13)	-$ 0.0001	645	$ (0.06)	$ 0.06	-50.00%	
GA Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Low Voltage Service Charge	$ 0.0013	645	$ 0.84	$ 0.0013	645	$ 0.84	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 61.08**			**$ 63.35**	**$ 2.26**	**3.71%**	
RTSR - Network	$ 0.0085	676	$ 5.75	$ 0.0102	676	$ 6.90	$ 1.15	20.00%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0072	676	$ 4.87	$ 0.0085	676	$ 5.75	$ 0.88	18.06%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 71.70**			**$ 75.99**	**$ 4.29**	**5.99%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	676	$ 3.04	$ 0.0045	676	$ 3.04	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	676	$ 0.47	$ 0.0007	676	$ 0.47	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	413	$ 30.55	$ 0.0740	413	$ 30.55	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	116	$ 11.84	$ 0.1020	116	$ 11.84	$ -	0.00%	
TOU - On Peak	$ 0.1510	116	$ 17.53	$ 0.1510	116	$ 17.53	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 135.38**			**$ 139.68**	**$ 4.29**	**3.17%**	
HST	13%		$ 17.60	13%		$ 18.16	$ 0.56	3.17%	
Ontario Electricity Rebate	11.7%		$ (15.84)	11.7%		$ (16.34)	$ (0.50)		
Total Bill on TOU			**$ 137.14**			**$ 141.49**	**$ 4.35**	**3.17%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 18.41	1	$ 18.41	$ 19.04	1	$ 19.04	$ 0.63	3.42%	
Distribution Volumetric Rate	$ 0.0185	2000	$ 37.00	$ 0.0191	2000	$ 38.20	$ 1.20	3.24%	
Fixed Rate Riders	$ 1.14	1	$ 1.14	$ 1.71	1	$ 1.71	$ 0.57	50.00%	
Volumetric Rate Riders	$ 0.0016	2000	$ 3.20	$ 0.0038	2000	$ 7.60	$ 4.40	137.50%	
Sub-Total A (excluding pass through)			**$ 59.75**			**$ 66.55**	**$ 6.80**	**11.38%**	
Line Losses on Cost of Power	$ 0.0929	96	$ 8.96	$ 0.0929	96	$ 8.96	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0032	2,000	$ 6.40	$ 0.0031	2,000	$ 6.20	$ (0.20)	-3.13%	
CBR Class B Rate Riders	-$ 0.0002	2,000	$ (0.40)	-$ 0.0001	2,000	$ (0.20)	$ 0.20	-50.00%	
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 76.94**			**$ 83.73**	**$ 6.79**	**8.83%**	
RTSR - Network	$ 0.0074	2,096	$ 15.51	$ 0.0089	2,096	$ 18.66	$ 3.14	20.27%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0052	2,096	$ 10.90	$ 0.0062	2,096	$ 13.00	$ 2.10	19.23%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 103.35**			**$ 115.38**	**$ 12.03**	**11.64%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	2,096	$ 9.43	$ 0.0045	2,096	$ 9.43	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	2,096	$ 1.47	$ 0.0007	2,096	$ 1.47	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	1,280	$ 94.72	$ 0.0740	1,280	$ 94.72	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	360	$ 36.72	$ 0.1020	360	$ 36.72	$ -	0.00%	
TOU - On Peak	$ 0.1510	360	$ 54.36	$ 0.1510	360	$ 54.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 300.30**			**$ 312.33**	**$ 12.03**	**4.01%**	
HST	13%		$ 39.04	13%		$ 40.60	$ 1.56	4.01%	
Ontario Electricity Rebate	11.7%		$ (35.14)	11.7%		$ (36.54)	$ (1.41)		
Total Bill on TOU			**$ 304.21**			**$ 316.39**	**$ 12.19**	**4.01%**	

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	432,160 kWh
Demand	1,480 kW
Current Loss Factor	1.0482
Proposed/Approved Loss Factor	1.0482

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 117.69	1	$ 117.69	$ 121.69	1	$ 121.69	$ 4.00	3.40%
Distribution Volumetric Rate	$ 3.6310	1480	$ 5,373.88	$ 3.7545	1480	$ 5,556.66	$ 182.78	3.40%
Fixed Rate Riders	$ 7.30	1	$ 7.30	$ 14.11	1	$ 14.11	$ 6.81	93.29%
Volumetric Rate Riders	$ 0.3740	1480	$ 553.52	$ 0.9425	1480	$ 1,394.90	$ 841.38	152.01%
Sub-Total A (excluding pass through)			**$ 6,052.39**			**$ 7,087.36**	**$ 1,034.97**	**17.10%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.3695	1,480	$ 2,026.86	$ 1.2608	1,480	$ 1,865.98	$ (160.88)	-7.94%
CBR Class B Rate Riders	-$ 0.0817	1,480	$ (120.92)	-$ 0.0521	1,480	$ (77.11)	$ 43.81	-36.23%
GA Rate Riders	$ 0.0012	432,160	$ 518.59	-$ 0.0020	432,160	$ (864.32)	$ (1,382.91)	-266.67%
Low Voltage Service Charge	$ 0.3858	1,480	$ 570.98	$ 0.3858	1,480	$ 570.98	$ -	0.00%
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	1,480	$ -	$ -	1,480	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9,047.91**			**$ 8,582.90**	**$ (465.01)**	**-5.14%**
RTSR - Network	$ 3.6527	1,480	$ 5,406.00	$ 4.3788	1,480	$ 6,480.62	$ 1,074.63	19.88% *In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.4132	1,480	$ 3,571.54	$ 2.8623	1,480	$ 4,236.20	$ 664.67	18.61% *In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 18,025.44**			**$ 19,299.73**	**$ 1,274.29**	**7.07%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	452,990	$ 2,038.46	$ 0.0045	452,990	$ 2,038.46	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	452,990	$ 317.09	$ 0.0007	452,990	$ 317.09	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	452,990	$ 43,804.14	$ 0.0967	452,990	$ 43,804.14	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 64,185.38**			**$ 65,459.67**	**$ 1,274.29**	**1.99%**
HST	13%		$ 8,344.10	13%		$ 8,509.76	$ 165.66	1.99%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 72,529.48**			**$ 73,969.43**	**$ 1,439.94**	**1.99%**

Customer Class:	**GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**1,752,000** kWh
Demand	**4,000** kW
Current Loss Factor	**1.0482**
Proposed/Approved Loss Factor	**1.0482**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 6,184.42	1	$ 6,184.42	$ 6,394.69	1	$ 6,394.69	$ 210.27	3.40%
Distribution Volumetric Rate	$ 2.3004	4000	$ 9,201.60	$ 2.3786	4000	$ 9,514.40	$ 312.80	3.40%
Fixed Rate Riders	$ 383.39	1	$ 383.39	$ 477.03	1	$ 477.03	$ 93.64	24.42%
Volumetric Rate Riders	$ 0.2215	4000	$ 886.00	$ 0.4689	4000	$ 1,875.60	$ 989.60	111.69%
Sub-Total A (excluding pass through)			**$ 16,655.41**			**$ 18,261.72**	**$ 1,606.31**	**9.64%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.4841	4,000	$ 5,936.40	$ 1.4578	4,000	$ 5,831.20	$ (105.20)	-1.77%
CBR Class B Rate Riders	-$ 0.1118	4,000	$ (447.20)	-$ 0.0729	4,000	$ (291.60)	$ 155.60	-34.79%
GA Rate Riders	$ 0.0012	1,752,000	$ 2,102.40	-$ 0.0020	1,752,000	$ (3,504.00)	$ (5,606.40)	-266.67%
Low Voltage Service Charge	$ 0.4346	4,000	$ 1,738.40	$ 0.4346	4,000	$ 1,738.40	$ -	0.00%
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	4,000	$ -	$ -	4,000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25,985.41**			**$ 22,035.72**	**$ (3,949.69)**	**-15.20%**
RTSR - Network	$ 4.0244	4,000	$ 16,097.60	$ 4.8244	4,000	$ 19,297.60	$ 3,200.00	19.88%
RTSR - Connection and/or Line and Transformation Connection	$ 2.6503	4,000	$ 10,601.20	$ 3.1435	4,000	$ 12,574.00	$ 1,972.80	18.61%
Sub-Total C - Delivery (including Sub-Total B)			**$ 52,684.21**			**$ 53,907.32**	**$ 1,223.11**	**2.32%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	1,836,446	$ 8,264.01	$ 0.0045	1,836,446	$ 8,264.01	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	1,836,446	$ 1,285.51	$ 0.0007	1,836,446	$ 1,285.51	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	1,836,446	$ 177,584.37	$ 0.0967	1,836,446	$ 177,584.37	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 239,818.35**			**$ 241,041.46**	**$ 1,223.11**	**0.51%**
HST	13%		$ 31,176.39	13%		$ 31,335.39	$ 159.00	0.51%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 270,994.73**			**$ 272,376.85**	**$ 1,382.11**	**0.51%**

In the manager's summary, discuss the reasoı

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Customer Class:	**LARGE USE SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**4,219,400** kWh
Demand	**6,800** kW
Current Loss Factor	**1.0482**
Proposed/Approved Loss Factor	**1.0482**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ **9,290.25**	1	$ 9,290.25	$ **9,606.12**	**1**	$ **9,606.12**	$ 315.87	3.40%	
Distribution Volumetric Rate	$ **3.2398**	6800	$ 22,030.64	$ **3.3500**	**6800**	$ **22,780.00**	$ 749.36	3.40%	
Fixed Rate Riders	$ **575.93**	1	$ 575.93	$ **703.49**	**1**	$ **703.49**	$ 127.56	22.15%	
Volumetric Rate Riders	$ **0.4172**	6800	$ 2,836.96	$ **1.3354**	**6800**	$ **9,080.72**	$ 6,243.76	220.09%	
Sub-Total A (excluding pass through)			**$ 34,733.78**			**$ 42,170.33**	**$ 7,436.55**	**21.41%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ **1.9251**	6,800	$ 13,090.68	$ **1.7610**	**6,800**	$ **11,974.80**	$ (1,115.88)	-8.52%	
CBR Class B Rate Riders	$ -	6,800	$ -	$ -	**6,800**	$ -	$ -		
GA Rate Riders	$ -	4,219,400	$ -	$ -	**4,219,400**	$ -	$ -		
Low Voltage Service Charge	$ **0.4157**	6,800	$ 2,826.76	$ **0.4157**	**6,800**	$ **2,826.76**	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	**1**	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	**1**	$ -	$ -		
Additional Volumetric Rate Riders	$ -	6,800	$ -	$ -	**6,800**	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 50,651.22**			**$ 56,971.89**	**$ 6,320.67**	**12.48%**	
RTSR - Network	$ **4.0244**	6,800	$ 27,365.92	$ **4.8244**	**6,800**	$ **32,805.92**	$ 5,440.00	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ **2.6503**	6,800	$ 18,022.04	$ **3.1435**	**6,800**	$ **21,375.80**	$ 3,353.76	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 96,039.18**			**$ 111,153.61**	**$ 15,114.43**	**15.74%**	
Wholesale Market Service Charge (WMSC)	$ **0.0045**	4,422,775	$ 19,902.49	$ **0.0045**	**4,422,775**	$ **19,902.49**	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ **0.0007**	4,422,775	$ 3,095.94	$ **0.0007**	**4,422,775**	$ **3,095.94**	$ -	0.00%	
Standard Supply Service Charge	$ **0.25**	1	$ 0.25	$ **0.25**	**1**	$ **0.25**	$ -	0.00%	
Average IESO Wholesale Market Price	$ **0.0967**	4,422,775	$ 427,682.35	$ **0.0967**	**4,422,775**	$ **427,682.35**	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 546,720.21**			**$ 561,834.64**	**$ 15,114.43**	**2.76%**	
HST	13%		$ 71,073.63	13%		$ 73,038.50	$ 1,964.88	2.76%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 617,793.84**			**$ 634,873.14**	**$ 17,079.31**	**2.76%**	

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	500	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 7.51	1	$ 7.51	$ 7.77	1	$ 7.77	$ 0.26	3.46%	
Distribution Volumetric Rate	$ 0.0184	500	$ 9.20	$ 0.0190	500	$ 9.50	$ 0.30	3.26%	
Fixed Rate Riders	$ 0.47	1	$ 0.47	$ 0.61	1	$ 0.61	$ 0.14	29.79%	
Volumetric Rate Riders	$ 0.0011	500	$ 0.55	$ 0.0011	500	$ 0.55	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 17.73**			**$ 18.43**	**$ 0.70**	**3.95%**	
Line Losses on Cost of Power	$ 0.0929	24	$ 2.24	$ 0.0929	24	$ 2.24	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0033	500	$ 1.65	$ 0.0032	500	$ 1.60	$ (0.05)	-3.03%	
CBR Class B Rate Riders	-$ 0.0002	500	$ (0.10)	-$ 0.0001	500	$ (0.05)	$ 0.05	-50.00%	
GA Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 21.97**			**$ 22.67**	**$ 0.70**	**3.19%**	
RTSR - Network	$ 0.0074	524	$ 3.88	$ 0.0089	524	$ 4.66	$ 0.79	20.27%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0052	524	$ 2.73	$ 0.0062	524	$ 3.25	$ 0.52	19.23%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 28.57**			**$ 30.58**	**$ 2.01**	**7.04%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	524	$ 2.36	$ 0.0045	524	$ 2.36	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	524	$ 0.37	$ 0.0007	524	$ 0.37	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	320	$ 23.68	$ 0.0740	320	$ 23.68	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	90	$ 9.18	$ 0.1020	90	$ 9.18	$ -	0.00%	
TOU - On Peak	$ 0.1510	90	$ 13.59	$ 0.1510	90	$ 13.59	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 78.00**			**$ 80.01**	**$ 2.01**	**2.58%**	
HST	13%		$ 10.14	13%		$ 10.40	$ 0.26	2.58%	
Ontario Electricity Rebate	11.7%		$ (9.13)	11.7%		$ (9.36)	$ (0.24)		
Total Bill on TOU			**$ 79.01**			**$ 81.05**	**$ 2.04**	**2.58%**	

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	180	kWh
Demand	1	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 4.94	1	$ 4.94	$ 5.11	1	$ 5.11	$ 0.17	3.44%	
Distribution Volumetric Rate	$ 14.9572	1	$ 14.96	$ 15.4657	1	$ 15.47	$ 0.51	3.40%	
Fixed Rate Riders	$ 0.31	1	$ 0.31	$ 0.46	1	$ 0.46	$ 0.15	48.39%	
Volumetric Rate Riders	$ 0.9272	1	$ 0.93	$ 0.9272	1	$ 0.93	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 21.13**			**$ 21.96**	**$ 0.83**	**3.92%**	
Line Losses on Cost of Power	$ 0.0929	9	$ 0.81	$ 0.0929	9	$ 0.81	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 1.1619	1	$ 1.16	$ 1.0937	1	$ 1.09	$ (0.07)	-5.87%	
CBR Class B Rate Riders	-$ 0.0748	1	$ (0.07)	-$ 0.0506	1	$ (0.05)	$ 0.02	-32.35%	
GA Rate Riders	$ -	180	$ -	$ -	180	$ -	$ -		
Low Voltage Service Charge	$ 0.2505	1	$ 0.25	$ 0.2505	1	$ 0.25	$ -	0.00%	
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)			**$ 23.28**			**$ 24.06**	**$ 0.78**	**3.37%**	
RTSR - Network	$ 2.2784	1	$ 2.28	$ 2.7313	1	$ 2.73	$ 0.45	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.5172	1	$ 1.52	$ 1.7995	1	$ 1.80	$ 0.28	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 27.07**			**$ 28.59**	**$ 1.52**	**5.61%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	189	$ 0.85	$ 0.0045	189	$ 0.85	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	189	$ 0.13	$ 0.0007	189	$ 0.13	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	115	$ 8.52	$ 0.0740	115	$ 8.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	32	$ 3.30	$ 0.1020	32	$ 3.30	$ -	0.00%	
TOU - On Peak	$ 0.1510	32	$ 4.89	$ 0.1510	32	$ 4.89	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 45.03**			**$ 46.55**	**$ 1.52**	**3.38%**	
HST	13%		$ 5.85	13%		$ 6.05	$ 0.20	3.38%	
Ontario Electricity Rebate	11.7%		$ (5.27)	11.7%		$ (5.45)	$ (0.18)		
Total Bill on TOU			**$ 45.61**			**$ 47.15**	**$ 1.54**	**3.38%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**424,881**	**kWh**
Demand	**988**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 0.76	10652	$ 8,095.52	$ 0.79	10652	$ 8,415.08	$ 319.56	3.95%	
Distribution Volumetric Rate	$ 4.0898	988.1	$ 4,041.13	$ 4.2289	988.1	$ 4,178.58	$ 137.44	3.40%	
Fixed Rate Riders	$ 0.05	10652	$ 532.60	$ 0.06	10652	$ 639.12	$ 106.52	20.00%	
Volumetric Rate Riders	$ 2.2608	988.1	$ 2,233.90	$ 11.6011	988.1	$ 11,463.05	$ 9,229.15	413.14%	
Sub-Total A (excluding pass through)			**$ 14,903.15**			**$ 24,695.82**	**$ 9,792.68**	**65.71%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 1.1653	988	$ 1,151.43	$ 1.0890	988	$ 1,076.04	$ (75.39)	-6.55%	
CBR Class B Rate Riders	-$ 0.0753	988	$ (74.40)	-$ 0.0498	988	$ (49.21)	$ 25.20	-33.86%	
GA Rate Riders	$ 0.0012	424,881	$ 509.86	-$ 0.0020	424,881	$ (849.76)	$ (1,359.62)	-266.67%	
Low Voltage Service Charge	$ 0.2618	988	$ 258.68	$ 0.2618	988	$ 258.68	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	10652	$ -	$ -	10652	$ -	$ -		
Additional Fixed Rate Riders	$ -	10652	$ -	$ -	10652	$ -	$ -		
Additional Volumetric Rate Riders	$ -	988	$ -	$ -	988	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 16,748.72**			**$ 25,131.58**	**$ 8,382.86**	**50.05%**	
RTSR - Network	$ 2.3989	988	$ 2,370.35	$ 2.8758	988	$ 2,841.58	$ 471.22	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.5854	988	$ 1,566.53	$ 1.8804	988	$ 1,858.02	$ 291.49	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 20,685.61**			**$ 29,831.18**	**$ 9,145.58**	**44.21%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	445,360	$ 2,004.12	$ 0.0045	445,360	$ 2,004.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	445,360	$ 311.75	$ 0.0007	445,360	$ 311.75	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	10652	$ 2,663.00	$ 0.25	10652	$ 2,663.00	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	445,360	$ 43,066.30	$ 0.0967	445,360	$ 43,066.30	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 68,730.78**			**$ 77,876.36**	**$ 9,145.58**	**13.31%**	
HST	13%		$ 8,935.00	13%		$ 10,123.93	$ 1,188.92	13.31%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 77,665.78**			**$ 88,000.28**	**$ 10,334.50**	**13.31%**	

STAFF-12

ATTACHMENT 1

BILL IMPACTS

INCLUDING ICM REQUEST & Z-FACTOR REQUST

WHITBY RATE ZONE

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2023 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. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate 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 through end of June 2022 of $0.0967/kWh (IESO's Monthly Market Report for April 2022) 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 ***(eg: Residential TOU, Residential Retailer)***	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	**RTSR Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0454	1.0454	40,000	100		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	500			1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0454	1.0454	150	1		1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0454	1.0454	283,400	736		12,262
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 4.63	13.9%	$ 6.57	17.4%	$ 9.00	17.7%	$ 9.12	7.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 11.18	15.8%	$ 16.57	20.4%	$ 22.63	19.9%	$ 22.93	7.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 125.46	19.0%	$ 150.71	21.8%	$ 261.64	20.2%	$ 295.65	4.7%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 3.74	13.9%	$ 5.14	17.4%	$ 6.66	17.7%	$ 6.74	7.7%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 3.51	16.0%	$ 4.65	20.6%	$ 5.51	20.2%	$ 5.58	13.0%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 10,884.40	31.5%	$ 10,144.84	29.2%	$ 10,766.91	28.3%	$ 12,166.61	15.1%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 33.41	1	$ 33.41	$ 34.55	1	$ 34.55	$ 1.14	3.41%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ (0.06)	1	$ (0.06)	$ 3.43	1	$ 3.43	$ 3.49	-5816.67%	
Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 33.35**			**$ 37.98**	**$ 4.63**	**13.88%**	
Line Losses on Cost of Power	$ 0.0929	34	$ 3.16	$ 0.0929	34	$ 3.16	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ 0.0028	750	$ 2.10	$ 2.10		
CBR Class B Rate Riders	$ -	750	$ -	-$ 0.0002	750	$ (0.15)	$ (0.15)		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0010	750	$ 0.75	$ 0.0010	750	$ 0.75	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 37.69**			**$ 44.26**	**$ 6.57**	**17.43%**	
RTSR - Network	$ 0.0096	784	$ 7.53	$ 0.0114	784	$ 8.94	$ 1.41	18.75%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0072	784	$ 5.65	$ 0.0085	784	$ 6.66	$ 1.02	18.06%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 50.87**			**$ 59.87**	**$ 9.00**	**17.69%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	784	$ 3.53	$ 0.0045	784	$ 3.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	784	$ 0.55	$ 0.0007	784	$ 0.55	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	480	$ 35.52	$ 0.0740	480	$ 35.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	135	$ 13.77	$ 0.1020	135	$ 13.77	$ -	0.00%	
TOU - On Peak	$ 0.1510	135	$ 20.39	$ 0.1510	135	$ 20.39	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 124.87**			**$ 133.87**	**$ 9.00**	**7.21%**	
HST	13%		$ 16.23	13%		$ 17.40	$ 1.17	7.21%	
Ontario Electricity Rebate	11.7%		$ (14.61)	11.7%		$ (15.66)	$ (1.05)		
Total Bill on TOU			**$ 126.49**			**$ 135.61**	**$ 9.12**	**7.21%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.08	1	$ 28.08	$ 29.03	1	$ 29.03	$ 0.95	3.38%	
Distribution Volumetric Rate	$ 0.0208	2000	$ 41.60	$ 0.0215	2000	$ 43.00	$ 1.40	3.37%	
Fixed Rate Riders	$ -	1	$ -	$ 3.23	1	$ 3.23	$ 3.23		
Volumetric Rate Riders	$ 0.0005	2000	$ 1.00	$ 0.0033	2000	$ 6.60	$ 5.60	560.00%	
Sub-Total A (excluding pass through)			**$ 70.68**			**$ 81.86**	**$ 11.18**	**15.82%**	
Line Losses on Cost of Power	$ 0.0929	91	$ 8.44	$ 0.0929	91	$ 8.44	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ 0.0029	2,000	$ 5.80	$ 5.80		
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	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 81.35**			**$ 97.92**	**$ 16.57**	**20.37%**	
RTSR - Network	$ 0.0087	2,091	$ 18.19	$ 0.0104	2,091	$ 21.74	$ 3.55	19.54%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0068	2,091	$ 14.22	$ 0.0080	2,091	$ 16.73	$ 2.51	17.65%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 113.75**			**$ 136.39**	**$ 22.63**	**19.90%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	2,091	$ 9.41	$ 0.0045	2,091	$ 9.41	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	2,091	$ 1.46	$ 0.0007	2,091	$ 1.46	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	1,280	$ 94.72	$ 0.0740	1,280	$ 94.72	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	360	$ 36.72	$ 0.1020	360	$ 36.72	$ -	0.00%	
TOU - On Peak	$ 0.1510	360	$ 54.36	$ 0.1510	360	$ 54.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 310.67**			**$ 333.31**	**$ 22.63**	**7.29%**	
HST	13%		$ 40.39	13%		$ 43.33	$ 2.94	7.29%	
Ontario Electricity Rebate	11.7%		$ (36.35)	11.7%		$ (39.00)	$ (2.65)		
Total Bill on TOU			**$ 314.71**			**$ 337.64**	**$ 22.93**	**7.29%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	40,000 kWh
Demand	100 kW
Current Loss Factor	1.0454
Proposed/Approved Loss Factor	1.0454

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 213.88	1	$ 213.88	$ 221.15	1	$ 221.15	$ 7.27	3.40%
Distribution Volumetric Rate	$ 4.2717	100	$ 427.17	$ 4.4169	100	$ 441.69	$ 14.52	3.40%
Fixed Rate Riders	$ -	1	$ -	$ 27.01	1	$ 27.01	$ 27.01	
Volumetric Rate Riders	$ 0.1872	100	$ 18.72	$ 0.9538	100	$ 95.38	$ 76.66	409.51%
Sub-Total A (excluding pass through)			**$ 659.77**			**$ 785.23**	**$ 125.46**	**19.02%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ -	100	$ -	$ 1.2721	100	$ 127.21	$ 127.21	
CBR Class B Rate Riders	$ -	100	$ -	-$ 0.0596	100	$ (5.96)	$ (5.96)	
GA Rate Riders	$ -	40,000	$ -	-$ 0.0024	40,000	$ (96.00)	$ (96.00)	
Low Voltage Service Charge	$ 0.3181	100	$ 31.81	$ 0.3181	100	$ 31.81	$ -	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)			**$ 691.58**			**$ 842.29**	**$ 150.71**	**21.79%**
RTSR - Network	$ 3.4495	100	$ 344.95	$ 4.1057	100	$ 410.57	$ 65.62	19.02% *In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.5728	100	$ 257.28	$ 3.0259	100	$ 302.59	$ 45.31	17.61% *In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 1,293.81**			**$ 1,555.45**	**$ 261.64**	**20.22%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	41,816	$ 188.17	$ 0.0045	41,816	$ 188.17	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	41,816	$ 29.27	$ 0.0007	41,816	$ 29.27	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	41,816	$ 4,043.61	$ 0.0967	41,816	$ 4,043.61	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 5,555.11**			**$ 5,816.75**	**$ 261.64**	**4.71%**
HST	13%		$ 722.16	13%		$ 756.18	$ 34.01	4.71%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 6,277.27**			**$ 6,572.93**	**$ 295.65**	**4.71%**

Customer Class:	**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**RPP**	
Consumption	**500**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0454**	
Proposed/Approved Loss Factor	**1.0454**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 10.40	1	$ 10.40	$ 10.75	1	$ 10.75	$ 0.35	3.37%	
Distribution Volumetric Rate	$ 0.0332	500	$ 16.60	$ 0.0343	500	$ 17.15	$ 0.55	3.31%	
Fixed Rate Riders	$ -	1	$ -	$ 1.19	1	$ 1.19	$ 1.19		
Volumetric Rate Riders	-$ 0.0002	500	$ (0.10)	$ 0.0031	500	$ 1.55	$ 1.65	-1650.00%	
Sub-Total A (excluding pass through)			**$ 26.90**			**$ 30.64**	**$ 3.74**	**13.90%**	
Line Losses on Cost of Power	$ 0.0929	23	$ 2.11	$ 0.0929	23	$ 2.11	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	500	$ -	$ 0.0030	500	$ 1.50	$ 1.50		
CBR Class B Rate Riders	$ -	500	$ -	-$ 0.0002	500	$ (0.10)	$ (0.10)		
GA Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 29.46**			**$ 34.60**	**$ 5.14**	**17.45%**	
RTSR - Network	$ 0.0087	523	$ 4.55	$ 0.0104	523	$ 5.44	$ 0.89	19.54%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0068	523	$ 3.55	$ 0.0080	523	$ 4.18	$ 0.63	17.65%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 37.56**			**$ 44.22**	**$ 6.66**	**17.72%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	523	$ 2.35	$ 0.0045	523	$ 2.35	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	523	$ 0.37	$ 0.0007	523	$ 0.37	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	320	$ 23.68	$ 0.0740	320	$ 23.68	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	90	$ 9.18	$ 0.1020	90	$ 9.18	$ -	0.00%	
TOU - On Peak	$ 0.1510	90	$ 13.59	$ 0.1510	90	$ 13.59	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 86.98**			**$ 93.63**	**$ 6.66**	**7.65%**	
HST	13%		$ 11.31	13%		$ 12.17	$ 0.87	7.65%	
Ontario Electricity Rebate	11.7%		$ (10.18)	11.7%		$ (10.96)	$ (0.78)		
Total Bill on TOU			**$ 88.11**			**$ 94.85**	**$ 6.74**	**7.65%**	

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	1	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 6.11	1	$ 6.11	$ 6.32	1	$ 6.32	$ 0.21	3.44%	
Distribution Volumetric Rate	$ 16.4458	1	$ 16.45	$ 17.0050	1	$ 17.01	$ 0.56	3.40%	
Fixed Rate Riders	$ -	1	$ -	$ 0.64	1	$ 0.64	$ 0.64		
Volumetric Rate Riders	-$ 0.5664	1	$ (0.57)	$ 1.5391	1	$ 1.54	$ 2.11	-371.73%	
Sub-Total A (excluding pass through)			**$ 21.99**			**$ 25.50**	**$ 3.51**	**15.98%**	
Line Losses on Cost of Power	$ 0.0929	7	$ 0.63	$ 0.0929	7	$ 0.63	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	1	$ -	$ 1.1921	1	$ 1.19	$ 1.19		
CBR Class B Rate Riders	$ -	1	$ -	-$ 0.0563	1	$ (0.06)	$ (0.06)		
GA Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
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)			**$ 22.62**			**$ 27.27**	**$ 4.65**	**20.56%**	
RTSR - Network	$ 2.6144	1	$ 2.61	$ 3.1117	1	$ 3.11	$ 0.50	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.0307	1	$ 2.03	$ 2.3883	1	$ 2.39	$ 0.36	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 27.27**			**$ 32.77**	**$ 5.51**	**20.19%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	157	$ 0.71	$ 0.0045	157	$ 0.71	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	157	$ 0.11	$ 0.0007	157	$ 0.11	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	96	$ 7.10	$ 0.0740	96	$ 7.10	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	27	$ 2.75	$ 0.1020	27	$ 2.75	$ -	0.00%	
TOU - On Peak	$ 0.1510	27	$ 4.08	$ 0.1510	27	$ 4.08	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 42.27**			**$ 47.77**	**$ 5.51**	**13.03%**	
HST	13%		$ 5.49	13%		$ 6.21	$ 0.72	13.03%	
Ontario Electricity Rebate	11.7%		$ (4.95)	11.7%		$ (5.59)	$ (0.64)		
Total Bill on TOU			**$ 42.82**			**$ 48.39**	**$ 5.58**	**13.03%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**283,400** kWh
Demand	**736** kW
Current Loss Factor	**1.0454**
Proposed/Approved Loss Factor	**1.0454**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 1.88	12262	$ 23,052.56	$ 1.94	12262	$ 23,788.28	$ 735.72	3.19%	
Distribution Volumetric Rate	$ 7.1956	736	$ 5,295.96	$ 7.4403	736	$ 5,476.06	$ 180.10	3.40%	
Fixed Rate Riders	$ -	12262	$ -	$ 0.20	12262	$ 2,452.40	$ 2,452.40		
Volumetric Rate Riders	$ 8.3717	736	$ 6,161.57	$ 18.5839	736	$ 13,677.75	$ 7,516.18	121.98%	
Sub-Total A (excluding pass through)			**$ 34,510.09**			**$ 45,394.49**	**$ 10,884.40**	**31.54%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	736	$ -	-$ 0.0286	736	$ (21.05)	$ (21.05)		
CBR Class B Rate Riders	$ -	736	$ -	-$ 0.0521	736	$ (38.35)	$ (38.35)		
GA Rate Riders	$ -	283,400	$ -	-$ 0.0024	283,400	$ (680.16)	$ (680.16)		
Low Voltage Service Charge	$ 0.2459	736	$ 180.98	$ 0.2459	736	$ 180.98	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	12262	$ -	$ -	12262	$ -	$ -		
Additional Fixed Rate Riders	$ -	12262	$ -	$ -	12262	$ -	$ -		
Additional Volumetric Rate Riders	$ -	736	$ -	$ -	736	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 34,691.08**			**$ 44,835.92**	**$ 10,144.84**	**29.24%**	
RTSR - Network	$ 2.6016	736	$ 1,914.78	$ 3.0965	736	$ 2,279.02	$ 364.25	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.9890	736	$ 1,463.90	$ 2.3393	736	$ 1,721.72	$ 257.82	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 38,069.76**			**$ 48,836.67**	**$ 10,766.91**	**28.28%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	296,266	$ 1,333.20	$ 0.0045	296,266	$ 1,333.20	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	296,266	$ 207.39	$ 0.0007	296,266	$ 207.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	12262	$ 3,065.50	$ 0.25	12262	$ 3,065.50	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	296,266	$ 28,648.96	$ 0.0967	296,266	$ 28,648.96	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 71,324.80**			**$ 82,091.71**	**$ 10,766.91**	**15.10%**	
HST	13%		$ 9,272.22	13%		$ 10,671.92	$ 1,399.70	15.10%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 80,597.02**			**$ 92,763.63**	**$ 12,166.61**	**15.10%**	

STAFF-12

ATTACHMENT 2

BILL IMPACTS

Z FACTOR REQUEST

VERIDIAN RATE ZONE

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2023 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. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate 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 through end of June 2022 of $0.0967/kWh (IESO's Monthly Market Report for April 2022) 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 *(eg: Residential TOU, Residential Retailer)*	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	RTSR **Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	750			
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	645			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	2,000			
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	432,160	1,480		
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	1,752,000	4,000		
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	4,219,400	6,800		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0482	1.0482	500			1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0482	1.0482	180	1		1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0482	1.0482	424,881	988		10,652
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total A		Sub-Total B		Sub-Total C		Total Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.12	3.7%	$ 1.18	3.2%	$ 3.22	6.7%	$ 3.27	2.6%
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 2.21	4.0%	$ 2.26	3.7%	$ 4.29	6.0%	$ 4.35	3.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 6.80	11.4%	$ 6.79	8.8%	$ 12.03	11.6%	$ 12.19	4.0%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1,034.97	17.1%	$ (465.01)	-5.1%	$ 1,274.29	7.1%	$ 1,439.94	2.0%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1,606.31	9.6%	$ (3,949.69)	-15.2%	$ 1,223.11	2.3%	$ 1,382.11	0.5%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 7,436.55	21.4%	$ 6,320.67	12.5%	$ 15,114.43	15.7%	$ 17,079.31	2.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 0.70	3.9%	$ 0.70	3.2%	$ 2.01	7.0%	$ 2.04	2.6%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 0.83	3.9%	$ 0.78	3.4%	$ 1.52	5.6%	$ 1.54	3.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 9,792.68	65.7%	$ 8,382.86	50.1%	$ 9,145.58	44.2%	$ 10,334.50	13.3%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.41	1	$ 28.41	$ 29.38	1	$ 29.38	$ 0.97	3.41%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ 1.76	1	$ 1.76	$ 1.98	1	$ 1.98	$ 0.22	12.50%	
Volumetric Rate Riders	$ 0.0001	750	$ 0.08	$ -	750	$ -	$ (0.08)	-100.00%	
Sub-Total A (excluding pass through)			**$ 30.25**			**$ 31.36**	**$ 1.12**	**3.69%**	
Line Losses on Cost of Power	$ 0.0929	36	$ 3.36	$ 0.0929	36	$ 3.36	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0031	750	$ 2.33	$ 0.0031	750	$ 2.33	$ -	0.00%	
CBR Class B Rate Riders	-$ 0.0002	750	$ (0.15)	-$ 0.0001	750	$ (0.08)	$ 0.08	-50.00%	
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0010	750	$ 0.75	$ 0.0010	750	$ 0.75	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 36.96**			**$ 38.14**	**$ 1.18**	**3.19%**	
RTSR - Network	$ 0.0083	786	$ 6.53	$ 0.0099	786	$ 7.78	$ 1.26	19.28%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0056	786	$ 4.40	$ 0.0066	786	$ 5.19	$ 0.79	17.86%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 47.89**			**$ 51.11**	**$ 3.22**	**6.73%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	786	$ 3.54	$ 0.0045	786	$ 3.54	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	786	$ 0.55	$ 0.0007	786	$ 0.55	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	480	$ 35.52	$ 0.0740	480	$ 35.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	135	$ 13.77	$ 0.1020	135	$ 13.77	$ -	0.00%	
TOU - On Peak	$ 0.1510	135	$ 20.39	$ 0.1510	135	$ 20.39	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 121.90**			**$ 125.12**	**$ 3.22**	**2.64%**	
HST	13%		$ 15.85	13%		$ 16.27	$ 0.42	2.64%	
Ontario Electricity Rebate	11.7%		$ (14.26)	11.7%		$ (14.64)	$ (0.38)		
Total Bill on TOU			**$ 123.48**			**$ 126.75**	**$ 3.27**	**2.64%**	

Customer Class:	SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	645	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 51.90	1	$ 51.90	$ 53.66	1	$ 53.66	$ 1.76	3.39%	
Distribution Volumetric Rate	$ -	645	$ -	$ -	645	$ -	$ -		
Fixed Rate Riders	$ 3.22	1	$ 3.22	$ 3.67	1	$ 3.67	$ 0.45	13.98%	
Volumetric Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 55.12**			**$ 57.33**	**$ 2.21**	**4.01%**	
Line Losses on Cost of Power	$ 0.0929	31	$ 2.89	$ 0.0929	31	$ 2.89	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0030	645	$ 1.94	$ 0.0030	645	$ 1.94	$ -	0.00%	
CBR Class B Rate Riders	-$ 0.0002	645	$ (0.13)	-$ 0.0001	645	$ (0.06)	$ 0.06	-50.00%	
GA Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Low Voltage Service Charge	$ 0.0013	645	$ 0.84	$ 0.0013	645	$ 0.84	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 61.08**			**$ 63.35**	**$ 2.26**	**3.71%**	
RTSR - Network	$ 0.0085	676	$ 5.75	$ 0.0102	676	$ 6.90	$ 1.15	20.00%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0072	676	$ 4.87	$ 0.0085	676	$ 5.75	$ 0.88	18.06%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 71.70**			**$ 75.99**	**$ 4.29**	**5.99%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	676	$ 3.04	$ 0.0045	676	$ 3.04	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	676	$ 0.47	$ 0.0007	676	$ 0.47	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	413	$ 30.55	$ 0.0740	413	$ 30.55	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	116	$ 11.84	$ 0.1020	116	$ 11.84	$ -	0.00%	
TOU - On Peak	$ 0.1510	116	$ 17.53	$ 0.1510	116	$ 17.53	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 135.38**			**$ 139.68**	**$ 4.29**	**3.17%**	
HST	13%		$ 17.60	13%		$ 18.16	$ 0.56	3.17%	
Ontario Electricity Rebate	11.7%		$ (15.84)	11.7%		$ (16.34)	$ (0.50)		
Total Bill on TOU			**$ 137.14**			**$ 141.49**	**$ 4.35**	**3.17%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 18.41	1	$ 18.41	$ 19.04	1	$ 19.04	$ 0.63	3.42%	
Distribution Volumetric Rate	$ 0.0185	2000	$ 37.00	$ 0.0191	2000	$ 38.20	$ 1.20	3.24%	
Fixed Rate Riders	$ 1.14	1	$ 1.14	$ 1.71	1	$ 1.71	$ 0.57	50.00%	
Volumetric Rate Riders	$ 0.0016	2000	$ 3.20	$ 0.0038	2000	$ 7.60	$ 4.40	137.50%	
Sub-Total A (excluding pass through)			**$ 59.75**			**$ 66.55**	**$ 6.80**	**11.38%**	
Line Losses on Cost of Power	$ 0.0929	96	$ 8.96	$ 0.0929	96	$ 8.96	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0032	2,000	$ 6.40	$ 0.0031	2,000	$ 6.20	$ (0.20)	-3.13%	
CBR Class B Rate Riders	-$ 0.0002	2,000	$ (0.40)	-$ 0.0001	2,000	$ (0.20)	$ 0.20	-50.00%	
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 76.94**			**$ 83.73**	**$ 6.79**	**8.83%**	
RTSR - Network	$ 0.0074	2,096	$ 15.51	$ 0.0089	2,096	$ 18.66	$ 3.14	20.27%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0052	2,096	$ 10.90	$ 0.0062	2,096	$ 13.00	$ 2.10	19.23%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 103.35**			**$ 115.38**	**$ 12.03**	**11.64%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	2,096	$ 9.43	$ 0.0045	2,096	$ 9.43	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	2,096	$ 1.47	$ 0.0007	2,096	$ 1.47	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	1,280	$ 94.72	$ 0.0740	1,280	$ 94.72	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	360	$ 36.72	$ 0.1020	360	$ 36.72	$ -	0.00%	
TOU - On Peak	$ 0.1510	360	$ 54.36	$ 0.1510	360	$ 54.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 300.30**			**$ 312.33**	**$ 12.03**	**4.01%**	
HST	13%		$ 39.04	13%		$ 40.60	$ 1.56	4.01%	
Ontario Electricity Rebate	11.7%		$ (35.14)	11.7%		$ (36.54)	$ (1.41)		
Total Bill on TOU			**$ 304.21**			**$ 316.39**	**$ 12.19**	**4.01%**	

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	432,160 kWh
Demand	1,480 kW
Current Loss Factor	1.0482
Proposed/Approved Loss Factor	1.0482

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 117.69	1	$ 117.69	$ 121.69	1	$ 121.69	$ 4.00	3.40%
Distribution Volumetric Rate	$ 3.6310	1480	$ 5,373.88	$ 3.7545	1480	$ 5,556.66	$ 182.78	3.40%
Fixed Rate Riders	$ 7.30	1	$ 7.30	$ 14.11	1	$ 14.11	$ 6.81	93.29%
Volumetric Rate Riders	$ 0.3740	1480	$ 553.52	$ 0.9425	1480	$ 1,394.90	$ 841.38	152.01%
Sub-Total A (excluding pass through)			**$ 6,052.39**			**$ 7,087.36**	**$ 1,034.97**	**17.10%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.3695	1,480	$ 2,026.86	$ 1.2608	1,480	$ 1,865.98	$ (160.88)	-7.94%
CBR Class B Rate Riders	-$ 0.0817	1,480	$ (120.92)	-$ 0.0521	1,480	$ (77.11)	$ 43.81	-36.23%
GA Rate Riders	$ 0.0012	432,160	$ 518.59	-$ 0.0020	432,160	$ (864.32)	$ (1,382.91)	-266.67%
Low Voltage Service Charge	$ 0.3858	1,480	$ 570.98	$ 0.3858	1,480	$ 570.98	$ -	0.00%
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	1,480	$ -	$ -	1,480	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9,047.91**			**$ 8,582.90**	**$ (465.01)**	**-5.14%**
RTSR - Network	$ 3.6527	1,480	$ 5,406.00	$ 4.3788	1,480	$ 6,480.62	$ 1,074.63	19.88% *In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.4132	1,480	$ 3,571.54	$ 2.8623	1,480	$ 4,236.20	$ 664.67	18.61% *In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 18,025.44**			**$ 19,299.73**	**$ 1,274.29**	**7.07%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	452,990	$ 2,038.46	$ 0.0045	452,990	$ 2,038.46	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	452,990	$ 317.09	$ 0.0007	452,990	$ 317.09	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	452,990	$ 43,804.14	$ 0.0967	452,990	$ 43,804.14	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 64,185.38**			**$ 65,459.67**	**$ 1,274.29**	**1.99%**
HST	13%		$ 8,344.10	13%		$ 8,509.76	$ 165.66	1.99%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 72,529.48**			**$ 73,969.43**	**$ 1,439.94**	**1.99%**

Customer Class:	**GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**1,752,000** kWh
Demand	**4,000** kW
Current Loss Factor	**1.0482**
Proposed/Approved Loss Factor	**1.0482**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 6,184.42	1	$ 6,184.42	$ 6,394.69	1	$ 6,394.69	$ 210.27	3.40%
Distribution Volumetric Rate	$ 2.3004	4000	$ 9,201.60	$ 2.3786	4000	$ 9,514.40	$ 312.80	3.40%
Fixed Rate Riders	$ 383.39	1	$ 383.39	$ 477.03	1	$ 477.03	$ 93.64	24.42%
Volumetric Rate Riders	$ 0.2215	4000	$ 886.00	$ 0.4689	4000	$ 1,875.60	$ 989.60	111.69%
Sub-Total A (excluding pass through)			**$ 16,655.41**			**$ 18,261.72**	**$ 1,606.31**	**9.64%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.4841	4,000	$ 5,936.40	$ 1.4578	4,000	$ 5,831.20	$ (105.20)	-1.77%
CBR Class B Rate Riders	-$ 0.1118	4,000	$ (447.20)	-$ 0.0729	4,000	$ (291.60)	$ 155.60	-34.79%
GA Rate Riders	$ 0.0012	1,752,000	$ 2,102.40	-$ 0.0020	1,752,000	$ (3,504.00)	$ (5,606.40)	-266.67%
Low Voltage Service Charge	$ 0.4346	4,000	$ 1,738.40	$ 0.4346	4,000	$ 1,738.40	$ -	0.00%
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	4,000	$ -	$ -	4,000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25,985.41**			**$ 22,035.72**	**$ (3,949.69)**	**-15.20%**
RTSR - Network	$ 4.0244	4,000	$ 16,097.60	$ 4.8244	4,000	$ 19,297.60	$ 3,200.00	19.88%
RTSR - Connection and/or Line and Transformation Connection	$ 2.6503	4,000	$ 10,601.20	$ 3.1435	4,000	$ 12,574.00	$ 1,972.80	18.61%
Sub-Total C - Delivery (including Sub-Total B)			**$ 52,684.21**			**$ 53,907.32**	**$ 1,223.11**	**2.32%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	1,836,446	$ 8,264.01	$ 0.0045	1,836,446	$ 8,264.01	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	1,836,446	$ 1,285.51	$ 0.0007	1,836,446	$ 1,285.51	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	1,836,446	$ 177,584.37	$ 0.0967	1,836,446	$ 177,584.37	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 239,818.35**			**$ 241,041.46**	**$ 1,223.11**	**0.51%**
HST	13%		$ 31,176.39	13%		$ 31,335.39	$ 159.00	0.51%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 270,994.73**			**$ 272,376.85**	**$ 1,382.11**	**0.51%**

In the manager's summary, discuss the reasoı

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Customer Class:	**LARGE USE SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**4,219,400** kWh
Demand	**6,800** kW
Current Loss Factor	**1.0482**
Proposed/Approved Loss Factor	**1.0482**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ **9,290.25**	1	$ 9,290.25	$ **9,606.12**	**1**	$ **9,606.12**	$ 315.87	3.40%	
Distribution Volumetric Rate	$ **3.2398**	6800	$ 22,030.64	$ **3.3500**	**6800**	$ **22,780.00**	$ 749.36	3.40%	
Fixed Rate Riders	$ **575.93**	1	$ 575.93	$ **703.49**	**1**	$ **703.49**	$ 127.56	22.15%	
Volumetric Rate Riders	$ **0.4172**	6800	$ 2,836.96	$ **1.3354**	**6800**	$ **9,080.72**	$ 6,243.76	220.09%	
Sub-Total A (excluding pass through)			**$ 34,733.78**			**$ 42,170.33**	**$ 7,436.55**	**21.41%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ **1.9251**	6,800	$ 13,090.68	$ **1.7610**	**6,800**	$ **11,974.80**	$ (1,115.88)	-8.52%	
CBR Class B Rate Riders	$ -	6,800	$ -	$ -	**6,800**	$ -	$ -		
GA Rate Riders	$ -	4,219,400	$ -	$ -	**4,219,400**	$ -	$ -		
Low Voltage Service Charge	$ **0.4157**	6,800	$ 2,826.76	$ **0.4157**	**6,800**	$ **2,826.76**	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	**1**	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	**1**	$ -	$ -		
Additional Volumetric Rate Riders	$ -	6,800	$ -	$ -	**6,800**	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 50,651.22**			**$ 56,971.89**	**$ 6,320.67**	**12.48%**	
RTSR - Network	$ **4.0244**	6,800	$ 27,365.92	$ **4.8244**	**6,800**	$ **32,805.92**	$ 5,440.00	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ **2.6503**	6,800	$ 18,022.04	$ **3.1435**	**6,800**	$ **21,375.80**	$ 3,353.76	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 96,039.18**			**$ 111,153.61**	**$ 15,114.43**	**15.74%**	
Wholesale Market Service Charge (WMSC)	$ **0.0045**	4,422,775	$ 19,902.49	$ **0.0045**	**4,422,775**	$ **19,902.49**	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ **0.0007**	4,422,775	$ 3,095.94	$ **0.0007**	**4,422,775**	$ **3,095.94**	$ -	0.00%	
Standard Supply Service Charge	$ **0.25**	1	$ 0.25	$ **0.25**	**1**	$ **0.25**	$ -	0.00%	
Average IESO Wholesale Market Price	$ **0.0967**	4,422,775	$ 427,682.35	$ **0.0967**	**4,422,775**	$ **427,682.35**	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 546,720.21**			**$ 561,834.64**	**$ 15,114.43**	**2.76%**	
HST	13%		$ 71,073.63	13%		$ 73,038.50	$ 1,964.88	2.76%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 617,793.84**			**$ 634,873.14**	**$ 17,079.31**	**2.76%**	

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	500	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 7.51	1	$ 7.51	$ 7.77	1	$ 7.77	$ 0.26	3.46%	
Distribution Volumetric Rate	$ 0.0184	500	$ 9.20	$ 0.0190	500	$ 9.50	$ 0.30	3.26%	
Fixed Rate Riders	$ 0.47	1	$ 0.47	$ 0.61	1	$ 0.61	$ 0.14	29.79%	
Volumetric Rate Riders	$ 0.0011	500	$ 0.55	$ 0.0011	500	$ 0.55	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 17.73**			**$ 18.43**	**$ 0.70**	**3.95%**	
Line Losses on Cost of Power	$ 0.0929	24	$ 2.24	$ 0.0929	24	$ 2.24	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0033	500	$ 1.65	$ 0.0032	500	$ 1.60	$ (0.05)	-3.03%	
CBR Class B Rate Riders	-$ 0.0002	500	$ (0.10)	-$ 0.0001	500	$ (0.05)	$ 0.05	-50.00%	
GA Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 21.97**			**$ 22.67**	**$ 0.70**	**3.19%**	
RTSR - Network	$ 0.0074	524	$ 3.88	$ 0.0089	524	$ 4.66	$ 0.79	20.27%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0052	524	$ 2.73	$ 0.0062	524	$ 3.25	$ 0.52	19.23%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 28.57**			**$ 30.58**	**$ 2.01**	**7.04%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	524	$ 2.36	$ 0.0045	524	$ 2.36	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	524	$ 0.37	$ 0.0007	524	$ 0.37	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	320	$ 23.68	$ 0.0740	320	$ 23.68	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	90	$ 9.18	$ 0.1020	90	$ 9.18	$ -	0.00%	
TOU - On Peak	$ 0.1510	90	$ 13.59	$ 0.1510	90	$ 13.59	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 78.00**			**$ 80.01**	**$ 2.01**	**2.58%**	
HST	13%		$ 10.14	13%		$ 10.40	$ 0.26	2.58%	
Ontario Electricity Rebate	11.7%		$ (9.13)	11.7%		$ (9.36)	$ (0.24)		
Total Bill on TOU			**$ 79.01**			**$ 81.05**	**$ 2.04**	**2.58%**	

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	180	kWh
Demand	1	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 4.94	1	$ 4.94	$ 5.11	1	$ 5.11	$ 0.17	3.44%	
Distribution Volumetric Rate	$ 14.9572	1	$ 14.96	$ 15.4657	1	$ 15.47	$ 0.51	3.40%	
Fixed Rate Riders	$ 0.31	1	$ 0.31	$ 0.46	1	$ 0.46	$ 0.15	48.39%	
Volumetric Rate Riders	$ 0.9272	1	$ 0.93	$ 0.9272	1	$ 0.93	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 21.13**			**$ 21.96**	**$ 0.83**	**3.92%**	
Line Losses on Cost of Power	$ 0.0929	9	$ 0.81	$ 0.0929	9	$ 0.81	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 1.1619	1	$ 1.16	$ 1.0937	1	$ 1.09	$ (0.07)	-5.87%	
CBR Class B Rate Riders	-$ 0.0748	1	$ (0.07)	-$ 0.0506	1	$ (0.05)	$ 0.02	-32.35%	
GA Rate Riders	$ -	180	$ -	$ -	180	$ -	$ -		
Low Voltage Service Charge	$ 0.2505	1	$ 0.25	$ 0.2505	1	$ 0.25	$ -	0.00%	
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)			**$ 23.28**			**$ 24.06**	**$ 0.78**	**3.37%**	
RTSR - Network	$ 2.2784	1	$ 2.28	$ 2.7313	1	$ 2.73	$ 0.45	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.5172	1	$ 1.52	$ 1.7995	1	$ 1.80	$ 0.28	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 27.07**			**$ 28.59**	**$ 1.52**	**5.61%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	189	$ 0.85	$ 0.0045	189	$ 0.85	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	189	$ 0.13	$ 0.0007	189	$ 0.13	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	115	$ 8.52	$ 0.0740	115	$ 8.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	32	$ 3.30	$ 0.1020	32	$ 3.30	$ -	0.00%	
TOU - On Peak	$ 0.1510	32	$ 4.89	$ 0.1510	32	$ 4.89	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 45.03**			**$ 46.55**	**$ 1.52**	**3.38%**	
HST	13%		$ 5.85	13%		$ 6.05	$ 0.20	3.38%	
Ontario Electricity Rebate	11.7%		$ (5.27)	11.7%		$ (5.45)	$ (0.18)		
Total Bill on TOU			**$ 45.61**			**$ 47.15**	**$ 1.54**	**3.38%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**424,881**	**kWh**
Demand	**988**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 0.76	10652	$ 8,095.52	$ 0.79	10652	$ 8,415.08	$ 319.56	3.95%	
Distribution Volumetric Rate	$ 4.0898	988.1	$ 4,041.13	$ 4.2289	988.1	$ 4,178.58	$ 137.44	3.40%	
Fixed Rate Riders	$ 0.05	10652	$ 532.60	$ 0.06	10652	$ 639.12	$ 106.52	20.00%	
Volumetric Rate Riders	$ 2.2608	988.1	$ 2,233.90	$ 11.6011	988.1	$ 11,463.05	$ 9,229.15	413.14%	
Sub-Total A (excluding pass through)			**$ 14,903.15**			**$ 24,695.82**	**$ 9,792.68**	**65.71%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 1.1653	988	$ 1,151.43	$ 1.0890	988	$ 1,076.04	$ (75.39)	-6.55%	
CBR Class B Rate Riders	-$ 0.0753	988	$ (74.40)	-$ 0.0498	988	$ (49.21)	$ 25.20	-33.86%	
GA Rate Riders	$ 0.0012	424,881	$ 509.86	-$ 0.0020	424,881	$ (849.76)	$ (1,359.62)	-266.67%	
Low Voltage Service Charge	$ 0.2618	988	$ 258.68	$ 0.2618	988	$ 258.68	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	10652	$ -	$ -	10652	$ -	$ -		
Additional Fixed Rate Riders	$ -	10652	$ -	$ -	10652	$ -	$ -		
Additional Volumetric Rate Riders	$ -	988	$ -	$ -	988	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 16,748.72**			**$ 25,131.58**	**$ 8,382.86**	**50.05%**	
RTSR - Network	$ 2.3989	988	$ 2,370.35	$ 2.8758	988	$ 2,841.58	$ 471.22	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.5854	988	$ 1,566.53	$ 1.8804	988	$ 1,858.02	$ 291.49	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 20,685.61**			**$ 29,831.18**	**$ 9,145.58**	**44.21%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	445,360	$ 2,004.12	$ 0.0045	445,360	$ 2,004.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	445,360	$ 311.75	$ 0.0007	445,360	$ 311.75	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	10652	$ 2,663.00	$ 0.25	10652	$ 2,663.00	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	445,360	$ 43,066.30	$ 0.0967	445,360	$ 43,066.30	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 68,730.78**			**$ 77,876.36**	**$ 9,145.58**	**13.31%**	
HST	13%		$ 8,935.00	13%		$ 10,123.93	$ 1,188.92	13.31%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 77,665.78**			**$ 88,000.28**	**$ 10,334.50**	**13.31%**	

STAFF-12

ATTACHMENT 2

BILL IMPACTS

Z FACTOR REQUEST

WHITBY RATE ZONE

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2023 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. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate 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 through end of June 2022 of $0.0967/kWh (IESO's Monthly Market Report for April 2022) 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 *(eg: Residential TOU, Residential Retailer)*	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** (eg: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	**RTSR Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0454	1.0454	40,000	100		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	500			1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0454	1.0454	150	1		1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0454	1.0454	283,400	736		12,262
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.28	3.8%	$ 3.22	8.5%	$ 5.65	11.1%	$ 5.72	4.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 4.16	5.9%	$ 9.55	11.7%	$ 15.61	13.7%	$ 15.82	5.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 61.11	9.3%	$ 86.36	12.5%	$ 197.29	15.2%	$ 222.94	3.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 1.05	3.9%	$ 2.45	8.3%	$ 3.97	10.6%	$ 4.02	4.6%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 1.25	5.7%	$ 2.39	10.6%	$ 3.24	11.9%	$ 3.29	7.7%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 8,023.01	23.2%	$ 7,283.45	21.0%	$ 7,905.52	20.8%	$ 8,933.23	11.1%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 33.41	1	$ 33.41	$ 34.55	1	$ 34.55	$ 1.14	3.41%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ (0.06)	1	$ (0.06)	$ 0.08	1	$ 0.08	$ 0.14	-233.33%	
Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 33.35**			**$ 34.63**	**$ 1.28**	**3.84%**	
Line Losses on Cost of Power	$ 0.0929	34	$ 3.16	$ 0.0929	34	$ 3.16	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ 0.0028	750	$ 2.10	$ 2.10		
CBR Class B Rate Riders	$ -	750	$ -	-$ 0.0002	750	$ (0.15)	$ (0.15)		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0010	750	$ 0.75	$ 0.0010	750	$ 0.75	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 37.69**			**$ 40.91**	**$ 3.22**	**8.54%**	
RTSR - Network	$ 0.0096	784	$ 7.53	$ 0.0114	784	$ 8.94	$ 1.41	18.75%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0072	784	$ 5.65	$ 0.0085	784	$ 6.66	$ 1.02	18.06%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 50.87**			**$ 56.52**	**$ 5.65**	**11.11%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	784	$ 3.53	$ 0.0045	784	$ 3.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	784	$ 0.55	$ 0.0007	784	$ 0.55	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	480	$ 35.52	$ 0.0740	480	$ 35.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	135	$ 13.77	$ 0.1020	135	$ 13.77	$ -	0.00%	
TOU - On Peak	$ 0.1510	135	$ 20.39	$ 0.1510	135	$ 20.39	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 124.87**			**$ 130.52**	**$ 5.65**	**4.53%**	
HST	13%		$ 16.23	13%		$ 16.97	$ 0.73	4.53%	
Ontario Electricity Rebate	11.7%		$ (14.61)	11.7%		$ (15.27)	$ (0.66)		
Total Bill on TOU			**$ 126.49**			**$ 132.21**	**$ 5.72**	**4.53%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.08	1	$ 28.08	$ 29.03	1	$ 29.03	$ 0.95	3.38%	
Distribution Volumetric Rate	$ 0.0208	2000	$ 41.60	$ 0.0215	2000	$ 43.00	$ 1.40	3.37%	
Fixed Rate Riders	$ -	1	$ -	$ 0.41	1	$ 0.41	$ 0.41		
Volumetric Rate Riders	$ 0.0005	2000	$ 1.00	$ 0.0012	2000	$ 2.40	$ 1.40	140.00%	
Sub-Total A (excluding pass through)			**$ 70.68**			**$ 74.84**	**$ 4.16**	**5.89%**	
Line Losses on Cost of Power	$ 0.0929	91	$ 8.44	$ 0.0929	91	$ 8.44	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ 0.0029	2,000	$ 5.80	$ 5.80		
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	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 81.35**			**$ 90.90**	**$ 9.55**	**11.74%**	
RTSR - Network	$ 0.0087	2,091	$ 18.19	$ 0.0104	2,091	$ 21.74	$ 3.55	19.54%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0068	2,091	$ 14.22	$ 0.0080	2,091	$ 16.73	$ 2.51	17.65%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 113.75**			**$ 129.37**	**$ 15.61**	**13.73%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	2,091	$ 9.41	$ 0.0045	2,091	$ 9.41	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	2,091	$ 1.46	$ 0.0007	2,091	$ 1.46	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	1,280	$ 94.72	$ 0.0740	1,280	$ 94.72	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	360	$ 36.72	$ 0.1020	360	$ 36.72	$ -	0.00%	
TOU - On Peak	$ 0.1510	360	$ 54.36	$ 0.1510	360	$ 54.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 310.67**			**$ 326.29**	**$ 15.61**	**5.03%**	
HST	13%		$ 40.39	13%		$ 42.42	$ 2.03	5.03%	
Ontario Electricity Rebate	11.7%		$ (36.35)	11.7%		$ (38.18)	$ (1.83)		
Total Bill on TOU			**$ 314.71**			**$ 330.53**	**$ 15.82**	**5.03%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	40,000 kWh
Demand	100 kW
Current Loss Factor	1.0454
Proposed/Approved Loss Factor	1.0454

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 213.88	1	$ 213.88	$ 221.15	1	$ 221.15	$ 7.27	3.40%
Distribution Volumetric Rate	$ 4.2717	100	$ 427.17	$ 4.4169	100	$ 441.69	$ 14.52	3.40%
Fixed Rate Riders	$ -	1	$ -	$ 5.54	1	$ 5.54	$ 5.54	
Volumetric Rate Riders	$ 0.1872	100	$ 18.72	$ 0.5250	100	$ 52.50	$ 33.78	180.45%
Sub-Total A (excluding pass through)			**$ 659.77**			**$ 720.88**	**$ 61.11**	**9.26%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ -	100	$ -	$ 1.2721	100	$ 127.21	$ 127.21	
CBR Class B Rate Riders	$ -	100	$ -	-$ 0.0596	100	$ (5.96)	$ (5.96)	
GA Rate Riders	$ -	40,000	$ -	-$ 0.0024	40,000	$ (96.00)	$ (96.00)	
Low Voltage Service Charge	$ 0.3181	100	$ 31.81	$ 0.3181	100	$ 31.81	$ -	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)			**$ 691.58**			**$ 777.94**	**$ 86.36**	**12.49%**
RTSR - Network	$ 3.4495	100	$ 344.95	$ 4.1057	100	$ 410.57	$ 65.62	19.02% *In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.5728	100	$ 257.28	$ 3.0259	100	$ 302.59	$ 45.31	17.61% *In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 1,293.81**			**$ 1,491.10**	**$ 197.29**	**15.25%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	41,816	$ 188.17	$ 0.0045	41,816	$ 188.17	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	41,816	$ 29.27	$ 0.0007	41,816	$ 29.27	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	41,816	$ 4,043.61	$ 0.0967	41,816	$ 4,043.61	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 5,555.11**			**$ 5,752.40**	**$ 197.29**	**3.55%**
HST	13%		$ 722.16	13%		$ 747.81	$ 25.65	3.55%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 6,277.27**			**$ 6,500.21**	**$ 222.94**	**3.55%**

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	500	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 10.40	1	$ 10.40	$ 10.75	1	$ 10.75	$ 0.35	3.37%	
Distribution Volumetric Rate	$ 0.0332	500	$ 16.60	$ 0.0343	500	$ 17.15	$ 0.55	3.31%	
Fixed Rate Riders	$ -	1	$ -	$ 0.15	1	$ 0.15	$ 0.15		
Volumetric Rate Riders	-$ 0.0002	500	$ (0.10)	-$ 0.0002	500	$ (0.10)	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 26.90**			**$ 27.95**	**$ 1.05**	**3.90%**	
Line Losses on Cost of Power	$ 0.0929	23	$ 2.11	$ 0.0929	23	$ 2.11	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	500	$ -	$ 0.0030	500	$ 1.50	$ 1.50		
CBR Class B Rate Riders	$ -	500	$ -	-$ 0.0002	500	$ (0.10)	$ (0.10)		
GA Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 29.46**			**$ 31.91**	**$ 2.45**	**8.32%**	
RTSR - Network	$ 0.0087	523	$ 4.55	$ 0.0104	523	$ 5.44	$ 0.89	19.54%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0068	523	$ 3.55	$ 0.0080	523	$ 4.18	$ 0.63	17.65%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 37.56**			**$ 41.53**	**$ 3.97**	**10.56%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	523	$ 2.35	$ 0.0045	523	$ 2.35	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	523	$ 0.37	$ 0.0007	523	$ 0.37	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	320	$ 23.68	$ 0.0740	320	$ 23.68	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	90	$ 9.18	$ 0.1020	90	$ 9.18	$ -	0.00%	
TOU - On Peak	$ 0.1510	90	$ 13.59	$ 0.1510	90	$ 13.59	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 86.98**			**$ 90.94**	**$ 3.97**	**4.56%**	
HST	13%		$ 11.31	13%		$ 11.82	$ 0.52	4.56%	
Ontario Electricity Rebate	11.7%		$ (10.18)	11.7%		$ (10.64)	$ (0.46)		
Total Bill on TOU			**$ 88.11**			**$ 92.13**	**$ 4.02**	**4.56%**	

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	1	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 6.11	1	$ 6.11	$ 6.32	1	$ 6.32	$ 0.21	3.44%	
Distribution Volumetric Rate	$ 16.4458	1	$ 16.45	$ 17.0050	1	$ 17.01	$ 0.56	3.40%	
Fixed Rate Riders	$ -	1	$ -	$ 0.03	1	$ 0.03	$ 0.03		
Volumetric Rate Riders	-$ 0.5664	1	$ (0.57)	-$ 0.1117	1	$ (0.11)	$ 0.45	-80.28%	
Sub-Total A (excluding pass through)			**$ 21.99**			**$ 23.24**	**$ 1.25**	**5.70%**	
Line Losses on Cost of Power	$ 0.0929	7	$ 0.63	$ 0.0929	7	$ 0.63	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	1	$ -	$ 1.1921	1	$ 1.19	$ 1.19		
CBR Class B Rate Riders	$ -	1	$ -	-$ 0.0563	1	$ (0.06)	$ (0.06)		
GA Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
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)			**$ 22.62**			**$ 25.01**	**$ 2.39**	**10.56%**	
RTSR - Network	$ 2.6144	1	$ 2.61	$ 3.1117	1	$ 3.11	$ 0.50	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.0307	1	$ 2.03	$ 2.3883	1	$ 2.39	$ 0.36	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 27.27**			**$ 30.51**	**$ 3.24**	**11.90%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	157	$ 0.71	$ 0.0045	157	$ 0.71	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	157	$ 0.11	$ 0.0007	157	$ 0.11	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	96	$ 7.10	$ 0.0740	96	$ 7.10	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	27	$ 2.75	$ 0.1020	27	$ 2.75	$ -	0.00%	
TOU - On Peak	$ 0.1510	27	$ 4.08	$ 0.1510	27	$ 4.08	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 42.27**			**$ 45.51**	**$ 3.24**	**7.68%**	
HST	13%		$ 5.49	13%		$ 5.92	$ 0.42	7.68%	
Ontario Electricity Rebate	11.7%		$ (4.95)	11.7%		$ (5.32)	$ (0.38)		
Total Bill on TOU			**$ 42.82**			**$ 46.10**	**$ 3.29**	**7.68%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**283,400**	**kWh**
Demand	**736**	**kW**
Current Loss Factor	**1.0454**	
Proposed/Approved Loss Factor	**1.0454**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 1.88	12262	$ 23,052.56	$ 1.94	12262	$ 23,788.28	$ 735.72	3.19%	
Distribution Volumetric Rate	$ 7.1956	736	$ 5,295.96	$ 7.4403	736	$ 5,476.06	$ 180.10	3.40%	
Fixed Rate Riders	$ -	12262	$ -	$ 0.01	12262	$ 122.62	$ 122.62		
Volumetric Rate Riders	$ 8.3717	736	$ 6,161.57	$ 17.8616	736	$ 13,146.14	$ 6,984.57	113.36%	
Sub-Total A (excluding pass through)			**$ 34,510.09**			**$ 42,533.10**	**$ 8,023.01**	**23.25%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	736	$ -	-$ 0.0286	736	$ (21.05)	$ (21.05)		
CBR Class B Rate Riders	$ -	736	$ -	-$ 0.0521	736	$ (38.35)	$ (38.35)		
GA Rate Riders	$ -	283,400	$ -	-$ 0.0024	283,400	$ (680.16)	$ (680.16)		
Low Voltage Service Charge	$ 0.2459	736	$ 180.98	$ 0.2459	736	$ 180.98	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	12262	$ -	$ -	12262	$ -	$ -		
Additional Fixed Rate Riders	$ -	12262	$ -	$ -	12262	$ -	$ -		
Additional Volumetric Rate Riders	$ -	736	$ -	$ -	736	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 34,691.08**			**$ 41,974.53**	**$ 7,283.45**	**21.00%**	
RTSR - Network	$ 2.6016	736	$ 1,914.78	$ 3.0965	736	$ 2,279.02	$ 364.25	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.9890	736	$ 1,463.90	$ 2.3393	736	$ 1,721.72	$ 257.82	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 38,069.76**			**$ 45,975.27**	**$ 7,905.52**	**20.77%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	296,266	$ 1,333.20	$ 0.0045	296,266	$ 1,333.20	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	296,266	$ 207.39	$ 0.0007	296,266	$ 207.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	12262	$ 3,065.50	$ 0.25	12262	$ 3,065.50	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	296,266	$ 28,648.96	$ 0.0967	296,266	$ 28,648.96	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 71,324.80**			**$ 79,230.32**	**$ 7,905.52**	**11.08%**	
HST	13%		$ 9,272.22	13%		$ 10,299.94	$ 1,027.72	11.08%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 80,597.02**			**$ 89,530.26**	**$ 8,933.23**	**11.08%**	

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-13:

Ref:

(1) Application, page 10

(2) EB-2022-0024, EE_VRZ_2023_ACM_ICM_Model_1.0_20221018.xlsm, Tab 8

(3) EB-2022-0024, EE_WRZWSG_2023_ACM_ICM_Model_1.0_20221018.xlsm, Tab 8

(4) EB-2013-0174, Decision and Order, April 10, 2014

(5) EB-2014-0117, Decision and Rate Order, March 19, 2015

(6) EB-2015-0106, Decision and Rate Order, March 17, 2016

(7) EB-2016-0107, Decision and Rate Order, March 30, 2017

(8) EB-2017-0078, Decision and Rate Order, March 20, 2018

(9) EB-2018-0072, Decision and Rate Order, March 28, 2019

(10) EB-2019-0252, Decision and Rate Order, April 16, 2020

(11) EB-2020-0013, Decision and Rate Order, December 17, 2020

(12) EB-2021-0015, Decision and Rate Order, December 16, 2021

(13) EB-2022-0024, Partial Decision and Order, December 8, 2022

(14) EB-2009-0274, Decision, December 20, 2010

(15) EB-2011-0206, Decision and Rate Order, December 22, 2011

(16) EB-2012-0177, Decision and Rate Order, December 6, 2012

(17) EB-2013-0181, Decision and Rate Order, December 5, 2013

(18) EB-2014-0124, Decision and Rate Order, December 4, 2014

(19) EB-2015-0113, Decision and Rate Order, December 10, 2015

(20) EB-2016-0114, Decision and Rate Order, December 8, 2016

(21) EB-2017-0085, Decision and Rate Order, December 20, 2017

(22) EB-2018-0079, Decision and Rate Order, December 20, 2018

(23) EB-2019-0130, Decision and Rate Order, December 12, 2019

(24) EB-2020-0012, Decision and Rate Order, December 10, 2020

Preamble:

On page 10, Elexicon Energy documents its calculated materiality threshold for the Z-factor claim. In footnote 10, Elexicon Energy documents that it has calculated the materiality threshold at $346,352, derived as 0.5% of the sum of Whitby Hydro's last OEB-approved revenue requirement for 2011 rates in EB-2009-0274 and Veridian Connections' last OEB-approved revenue requirement for 2014 rates in EB-2013-0174. Elexicon Energy references Canadian Niagara Power Inc.'s (CNPI's) Z-factor Decision for using the OEB-approved revenue requirement from a utility's last rebasing.

OEB staff notes that CNPI's last rebasing was for 2017 rates, while its Z-factor claim was for a storm in 2020 with recovery in 2021. All of this occurred within the standard 5-year term of cost of service rebasing followed by four years of annual price cap adjustments to rates.

In contrast, Whitby Hydro last rebased for 2011 rates (EB-2009-0274) and Veridian Connections last rebased for 2014 rates (EB-2013-0174), while Elexicon Energy, as the amalgamation of these two predecessor utilities, has not rebased and is currently on a ten-year deferred rebasing period following the amalgamation. For the Derecho storm in 2022, it has been eleven years since Whitby Hydro's last rebasing and eight years since Veridian Connections' last rebasing. In addition to annual price cap rate adjustments since these rebasing applications, OEB staff observes that the Whitby Hydro and Veridian Connections service areas, mostly located in the Greater Toronto Area, have also experienced customer and demand growth.

Elexicon Energy currently has an application for proposed Incremental Capital Module (ICM) cost recovery before the OEB, as part of its 2023 IRM application (EB-2022-0024). OEB staff, therefore, considers that Elexicon Energy is familiar with the methodology for the ICM materiality threshold, which accounts for the impacts on formulaic price cap adjustments and growth in customers and energy consumption.

OEB staff has attached a spreadsheet in which OEB staff have calculated the cumulative and multiplicative effect of accounting for price cap adjustments and growth, since rebasing for each of the Whitby Hydro and Veridian Connections rate zones. Growth is based on the "g" factor calculation in the Veridian Connections and Whitby Hydro rate zones from the ICM models filed in Elexicon Energy's 2023 IRM application (EB-2022-0024). The price cap adjustments are from the final decisions and rate orders, from 2012 to date for the Whitby Hydro rate zone and 2015 to date for the Veridian Connections rate zone. The calculation derives the revenue requirement

from the last rebasing updated to reflect all price cap adjustments and cumulative growth in demand that would be funded by current rates.

Given that the Derecho storm occurred in 2022, OEB staff has calculated a 2022 adjusted revenue requirement for the Whitby Hydro rate zone of $25,135,345 and a 2022 adjusted revenue requirement of $59,375,681 for the Veridian Connections rate zone. Summing together gives a revenue requirement of Elexicon Energy of $84,511,026. 0.5% of that gives a 2022 Z-factor materiality threshold of $422,555. This is 22% higher than Elexicon Energy's proposed materiality threshold of $346,352.

Questions:

a) Please review the data and calculations in the OEB staff's spreadsheet, provided in Attachment 1 to this interrogatory. Please confirm or correct the data and calculations as applicable.

b) Does Elexicon Energy consider that this updated Z-factor materiality threshold more accurately accounts for what is currently recovered through Elexicon Energy's rates in the combination of the Whitby Hydro and Veridian Connection rate zones. Please explain your response.

Response:

a) Elexicon confirms the data in "*EB-2022-0317_Elexicon Z Factor_OEB Staff IRs_Cumulative _IRM_RR_Analysis (Staff-13)"* is accurate and that the calculations are consistent with the methodology described in OEB staff's preamble.

b) Elexicon confirms that this updated Z-factor materiality threshold reflects a mechanistic adjustment which aligns with the changes to rates and a growth factor over the noted period in the combination of the Whitby Hydro and Veridian Connection rate zones. However, Elexicon maintains that the appropriate and correct threshold amount is $345,633 as calculated using the current OEB method outlined in the Filing Requirements[1] for distributors with more that 30,000 customers and distribution revenue >$10M and <$200M.

   Elexicon's use of its last Cost of Service OEB approved revenue requirements for the Whitby and Veridian Rate Zones is based on the OEB approved approach as set out in the Decision and Order for CNPI's IRM and Z-factor claim (EB-2020-0008). It is Elexicon's view that using the OEB approved methodology for calculating the Z-Factor materiality threshold is the best approach.

[1] EB-2022-0317 Z-Factor Application page 10

In any event, Elexicon observes that the relief requested of $601,936[2] as a result of expenditures incurred during the May 21 derecho storm still exceeds the OEB staff calculated 2022 threshold of $422,555 in cumulative revenue requirement as calculated in *EB-2022-0317_Elexicon Z Factor_OEB Staff IRs_Cumulative _IRM_RR_Analysis (Staff-13).*

[2] Total Z-factor claim as updated for the correction identified in response to OEB Staff #2.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-14:

Ref: (1) Appendix A – 1d, Elexicon's Major Event Response Report submitted to the OEB

Preamble:

Elexicon Energy has attached its Major Event Response Report filed with the OEB in Appendix A – 1d.

On page 5 of the report, under After the Major Event, Elexicon Energy states:

Elexicon is currently undertaking an organization-wide event postmortem, including Lessons Learned from this event that will inform specific improvements related to staff training, process improvements and potential system upgrades.

Questions:

a) Has Elexicon Energy completed its postmortem evaluation of the utility's system condition, and actions taken during the storm events and during the storm recovery period?

b) If so, please provide any report prepared. If a formal report is not available, please provide a summary of lessons learned and actions taken by, or planned to be implemented, by Elexicon Energy as a result of the postmortem evaluation.

c) Has Elexicon Energy updated its Power Restoration Plan, or does the utility see the need to update it, as a result of the postmortem evaluation, in order to minimize the impact of any future storms of a similar magnitude and severity? If yes, please summarize the major changes. If no, please explain why not.

d) Based on its postmortem evaluation, is Elexicon Energy assessing or updating its asset hardening strategy in order to mitigate the impact of future storms of a similar magnitude and severity? If yes, please summarize the major changes. If no, please explain why not.

Response:

a) Yes, Elexicon Energy has completed its post-mortem evaluation. This evaluation focussed primarily on opportunities for improvement across all business units involved in the storm response.
b) No formal report was prepared coming from this evaluation. An outcome of the evaluation was the opportunities for improvement list grouped into the following themes:

Table 1: List of Opportunities for Improvement

Theme	**Description**	**Progress**
Administrative	Improvements to the Power Restoration Plan (PRP) documentation to assist staff in better understanding of: • Process requirements and intentions • Better recording of information during the event	Implementation has commenced. Estimate completion by year end 2023
External Communications Improvements	Recommended improvements in Elexicon Energy's communications with its customers through tools such as: • Outage Map and Twitter • Other stakeholders such as Municipalities • Look at opportunities to better receive and integrate information from Elexicon's customers in power restoration efforts	Implementation has commenced. Estimate completion by year end 2023
Training	Provide additional training for staff on the PRP both generally for improved awareness as well as more specifically related to the roles and their responsibilities within the PRP	Implementation has commenced. Estimate completion by year end 2023
Process Improvements	Develop improvements to the PRP in the areas of: • Role responsibilities • earlier Damage Assessment engagement • Other considerations to be made by staff during storm events (e.g., Logistics - Local delivery of fuel to worksites) • Improved de-escalation processes	Implementation has commenced. Estimate completion by year end 2023
Resource Improvements	Develop additional internal resources that can be used during storm events in roles such as: • Damage Assessment, Logistics and Administrative support. • Improve availability and accessibility of material for crews with better visibility into material levels by service area • Modify certain equipment ordering practices to include more related components and be built and issued as a 'kit' of material.	Implementation has commenced. Estimate completion by year end 2023

c) Elexicon Energy has plans to update its Power Restoration Plan with the improvements summarized above when they have been fully implemented.

d) Elexicon is addressing storm hardening of its infrastructure with its filing of the Whitby Smart Grid ("WSG") Incremental Capital Module ("ICM") application ("WSG Project")[1]. The WSG Project will implement Volt-Var Optimization ("VVO"), Advanced Distribution Automation System ("ADMS"), and Fault Location, Isolation, and Service Restoration ("FLISR") technologies across the Whitby Rate Zone ("WRZ"). ADMS will also support the Veridian Rate Zone ("VRZ")

   The ADMS and FLISR are storm hardening asset investments. These technologies will improve Elexicon's monitoring, and reduce the restoration time due to storm impacts. ADMS is a monitoring and control software (i.e. Elexicon will get alerted to the instantiation and location of an outage earlier). FLISR provides Elexicon the ability to isolate the storm impact on its distribution grid (i.e. isolate the outage segment and allow other segments to stay in-service). ADMS and FLISR in combination will enable Elexicon to speed up its restoration response time (i.e. the earlier detection of an outage and knowledge of its specific location will allow emergency response to restore power in a quicker time frame).

   For additional commentary on Storm Hardening, please see the response to Staff- 8a).

[1] EB-2022-0024 Appendix B and Appendix B-1

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-15:

Ref: (1) Appendix A – 1a Elexicon May 2022 Derecho Storm Summary, page 4

In the bullet at the top of page 4, in the first bullet, Elexicon Energy states that "Lakeland Power managed Gravenhurst trouble calls for Elexicon while crews assisted in Uxbridge at the tornado recovery site".

Questions:

a) Did Elexicon Energy request this assistance from Lakeland Power as part of the Mutual Aid agreements with neighbouring utilities? Please explain.

b) What was entailed in Lakeland Power's management of "Gravenhurst trouble calls for Elexicon while crews assisted in Uxbridge at the tornado recovery site"? Was this management solely with regards to call centre reception of reported service troubles in the Gravenhurst area served by Elexicon Energy, or did it entail Lakeland Power service personnel responding to trouble calls in Gravenhurst?

c) How was Lakeland Power compensated for work by its employees to assist Elexicon Energy's customers in the Gravenhurst area while Elexicon Energy's regular staff were redeployed for storm restoration activities in the other communities that Elexicon Energy serves, including Uxbridge, Pickering, Ajax and Whitby?

d) Are costs incurred and paid by Elexicon Energy for services rendered by Lakeland Power part of the claimed Z-factor costs? If so, please provide the dollar amount, and breakdown between capital and operating costs.

Response:

a) The assistance provided by Lakeland Power to Elexicon Energy did not come from a formal Mutual Aid agreement. Rather, it came from a longstanding informal practice between the two utilities to provide assistance to each other, when possible due to the close proximity of Gravenhurst with Bracebridge.

b) Lakeland Power responded to trouble calls in Gravenhurst, as dispatched by Elexicon Energy's call centre. Due to an exceptionally low incidence of trouble calls in that period in Gravenhurst, only one (1) call was dispatched to Lakeland Power staff.
c) Lakeland Power did not invoice Elexicon Energy for the one call they addressed.
d) Not applicable as no costs were paid to Lakeland Power.

Elexicon Energy Inc.

Answer to Interrogatory from

OEB Staff

Interrogatory STAFF-16:

Ref: (1) Application, page 13

Preamble:

Elexicon Energy states that it requested support from Alectra Utilities, Toronto Hydro and Oshawa PUC, however, none of these LDCs were able to provide the support requested during the timeframes needed.

Through Electricity Canada, Ontario Mutual Assistance Program (OnMAG) serves as a single point of contact for utilities to request & offer mutual assistance resources when damaging events occur within a member's service territory.3

Questions:

a) Please confirm if Elexicon Energy is a member of Electricity Canada.

b) Please confirm whether Elexicon Energy contacted OnMAG to seek support for restoration efforts for the derecho storm. If yes, please outline any support that was provided through OnMAG resources including any related costs. If not, please explain why not.

c) Please confirm if Elexicon Energy has alliances with other organizations to request mutual assistance resources.

d) Please clarify whether Elexicon Energy paid any premium amounts to its third-party contractors involved in the restoration efforts.

e) Provide a separate schedule (breakdown) of each third-party contractor invoice based on labour, materials, accommodations, meals, truck, other (provide explanation).

Response:

a) Yes, Elexicon Energy is a member of OnMAG.

b) No support was requested from OnMAG for restoration efforts. Given the inability to get assistance from local utilities (i.e. Alectra Utilities, Toronto Hydro and Oshawa PUC) and the ongoing need in Hydro One territories, as well as in the Ottawa area, a request to OnMAG was unlikely to provide any assistance to Elexicon Energy. We reached out to in house contractors

first and received assistance. Some provided a minimal complement; others were not able to respond to our request. As the Damage Assessment showed the full scope of the damages we accepted offers from additional proven Utility Contractors to support our response efforts.

c) OnMAG is the only active mutual assistance alliance for Elexicon Energy.

d) Elexicon Energy confirms that a premium rate (double time) was applied by Third-Party Contractors for emergency work outside of regular hours. Standard rates were paid for work during regular hours. No other premiums were paid.

e) A separate schedule of each third-party contractor invoice is provided below in Table 1. The category for Other includes environmental charges, disposal fees (hydrovac excavation services), inspections/assessments and traveling charges.

Table 1 – Third Party Contractor Invoice List

3rd Party Contractor Invoice Breakdown	Labour *	Materials *	Accom.	Meals	Truck/Equip *	Other	Total
Contractor 1	$ 5,341	$ -	$ -	$ -	$ 3,738	$ 95	$ 9,174
Contractor 2	$ 16,300	$ 8,150	$ -	$ -	$ -	$ -	$ 24,450
Contractor 3	$ 11,246	$ -	$ -	$ -	$ 5,623	$ -	$ 16,869
Contractor 4	$ 37,758	$ -	$ -	$ -	$ 20,909	$ -	$ 58,667
Contractor 5	$ 113,694	$ 2,402	$ -	$ -	$ 57,625	$ 22,366	$ 196,086
Contractor 6	$ 577	$ -	$ -	$ -	$ 288	$ -	$ 865
Contractor 7	$ 15,109	$ -	$ -	$ -	$ 7,555	$ -	$ 22,664
Contractor 8	$ 2,750	$ -	$ -	$ -	$ -	$ -	$ 2,750
Contractor 9	$ 8,582	$ -	$ -	$ -	$ 4,291	$ -	$ 12,873
Contractor 10	$ 33,983	$ 20,024	$ -	$ -	$ 14,321	$ 13,597	$ 81,924
Contractor 11	$ -	$ -	$ -	$ -	$ -	$ 5,441	$ 5,441
Contractor 12	$ 55,208	$ -	$ 372	$ 959	$ 27,604	$ -	$ 84,143
Contractor 13	$ -	$ -	$ -	$ -	$ -	$ 400	$ 400
Contractor 14	$ 136,279	$ 118,912	$ -	$ -	$ 112,320	$ -	$ 367,511
Contractor 15	$ 3,136	$ -	$ -	$ -	$ 687	$ -	$ 3,823
Contractor 16	$ 76,704	$ -	$ -	$ -	$ 76,689	$ -	$ 153,393
Contractor 17	$ 2,160	$ -	$ -	$ -	$ 6,980	$ -	$ 9,140
Contractor 18	$ 26,642	$ -	$ -	$ -	$ -	$ 3,537	$ 30,178
Contractor 19	$ 63,166	$ -	$ -	$ -	$ 31,317	$ -	$ 94,483
Contractor 20	$ 1,080	$ 5,211	$ -	$ -	$ -	$ -	$ 6,291
Contractor 21	$ 880	$ -	$ -	$ -	$ 95	$ -	$ 975
Contractor 22	$ 52,236	$ -	$ 377	$ -	$ 23,404	$ 190	$ 76,207
Contractor 23	$ 704	$ -	$ -	$ -	$ 352	$ -	$ 1,056
Contractor 24	$ 4,572	$ 7,719	$ -	$ -	$ -	$ 323	$ 12,614
Contractor 25	$ 573,680	$ 10,837	$ -	$ -	$ 244,924	$ -	$ 829,441
Contractor 26	$ 780	$ -	$ -	$ -	$ -	$ -	$ 780
Total	$ 1,242,566	$ 173,254	$ 749	$ 959	$ 638,721	$ 45,949	$ 2,102,198

* For invoices that did not have labour, truck and material broken out, an assumption of 2/3 labour and 1/3 truck, or 2/3 labour and 1/3 material, was used to complete the above chart.

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-01:

Ref: Elexicon Z-Factor Application Page 3

Elexicon recorded total costs of $4,602,788 related to the May 21, 2022 storm and subsequent restoration efforts.

a) Please provide a summary of Elexicon's previous Z-factor storm claims and the amounts approved by the OEB?

b) Please confirm and explain how the total costs of $4,602,788 are outside of the base upon which rates were derived.

Response:

a) Elexicon does not have a previous Z-factor storm claim. The former Veridian Connections had a Z-factor claim relating to the 2013 Ice Storm. See Table 1 below

Table 1: Previous Z-factor claim

Application	Event	Claimed Amount $*	Approved Amount $*
EB-2014-0272	December 2013 Ice Storm	$ 718,055	$ 718,055

*excluding carrying charges

b) Please see response to interrogatory Staff-1, part a).

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-02:

Ref: Elexicon Z-Factor Application Page 15

Elexicon's Z-Factor Event Costs are as follows:

Category	Operating $	Capital $	Total $
Incremental Labour/Material/Vehicle Costs	$ 149,626	$ 2,350,964	$ 2,500,590
3rd Party Contractors	$ 155,483	$ 1,946,715	$ 2,102,198
Total	**$ 305,110**	**$ 4,297,679**	**$ 4,602,788**

a) Please provide a breakdown of the Operating costs ($305,110) and Capital costs ($4,297,679) in terms of labour (regular), labour (overtime), materials, vehicles, and Third-Party Contractor costs, etc. Pease provide the contractor costs broken down by services provided.

b) Please confirm the regular-time labour component is not included in the Z-factor claim.

c) Please confirm overtime costs associated with management employees are not included in the claim.

d) Please clarify if a premium rate (double time) was applied by Third-Party Contractors for emergency work outside of regular hours.

Response:

a) As noted in Elexicon's response to Staff-2, Table 1 has been updated to reflect a correction in the recording of a 3rd party expense from Operating expense to a Capital expense (revised table below). A breakdown of the Operating and Capital costs is provided in Table 2 below. A further breakdown by services provided by Third-Party Contractors is provided in Table 3 below.

Table 1 Revised– Total Z Factor Event Costs

Category	Operating $	Capital $	Total $
Incremental Labour/Material/Vehicle Costs	$ 149,626	$ 2,350,964	$ 2,500,590
3rd Party Contractors	$ 73,559	$ 2,028,639	$ 2,102,198
Total	**$ 223,186**	**$ 4,379,603**	**$ 4,602,788**

Table 2: Operating and Capital Cost Breakdown

3rd Part Contractor by Cost	Labour (Reg) $	Labour (Overtime) $	Materials $	Vehicles $	3rd Party Contractor Costs $	Total
Operating	-	54,565	94,278	783	73,559	**223,186**
Capital	466,517	518,053	1,162,010	204,382	2,028,639	**4,379,602**
Total	**466,517**	**572,619**	**1,256,288**	**205,166**	**2,102,198**	**4,602,787**

Table 3: Breadown of Operating and Capital Costs by Third -Party Contractors

3rd Party Contractor by	Operating	Capital	Total
Hydrovac & Excavation	-	197,142	**197,142**
Utility Contractor	33,359	1,553,415	**1,586,774**
Tree Service	10,022	123,994	**134,016**
Equipment Rental & Repair	-	20,226	**20,226**
Traffic control services	-	12,873	**12,873**
Environmental	-	115,548	**115,548**
Inspection Services	30,178	5,441	**35,619**
Total	**73,559**	**2,028,639**	**2,102,198**

b) Elexicon Energy confirms that regular-time operating labour component is not included in the Z-factor claim.

c) Elexicon Energy confirms that overtime costs associated with management employees are not included in the claim.

d) Elexicon Energy confirms that a premium rate (double time) was applied by Third-Party Contractors for emergency work outside of regular hours.

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-03:

Ref: Elexicon Z-Factor Application Page 4

The evidence states "In the aftermath, over 95,000 customers were without power in the communities of Ajax, Belleville, Bowmanville, Pickering, Uxbridge and Whitby. Uxbridge was the most severely impacted service area with its main transformer station requiring a full rebuild as part of the Derecho Storm Event restoration operation."

a) Please identify the transformer station, age and condition details and the cost of the full rebuild.

b) Please provide Elexicon's planned spending on transformer station rebuilds in 2022 compared to actuals.

c) Please provide details of other portions of the system that were rebuilt, associated costs and age and condition.

d) Please provide a list of major asset quantities replaced due to the storm, i.e. poles, etc. and associated costs.

e) Please provide the variance of 2022 actual capital spend compared to budget/planned for each of the following categories: System Access, System Renewal, System Service and General Plant by rate zone.

f) Please provide a variance analysis on system renewal spending in 2022 (planned vs. actual).

Response:

a) Please see response to Staff 11 a) and b)
b) The plan was to refurbish the power transformer at Church Station in Belleville, the project was deferred to 2023.
c) Please see response to Staff 4 a).

d) Below is a list of major asset quantities replaced due to the storm along with the associated costs.

Table 1 – List of Major Asset Quantities Replace due to the Storm

OEB Comp	Description	Quantity	Total
1820-001	Power Transformer	1	395,889
1830-001	Wood Pole	165	2,683,672
1835-001	O/H Conductors	25,156m	432,507
1835-002	Load Interrupter Switch	1	68,584
1835-003	In-Line Switch	99	88,166
1845-001	U/G Conductors	1,033m	58,776
1850-001	Padmount Transformer	4	73,096
1850-002	Polemount Transformer	24	470,761
1855-001	O/H secondary conductor	2,452m	80,718
1980-001	S.C.A.D.A	1	27,434
Total Cost			**4,379,603**

e) Provided in the table is the variance of the 2022 actual capital spend compared to the plan by investment category.

Table 2 – 2022 Actual Capital Spend Compared to Planned Investment by Category

Category	2022 ACT VRZ	2022 ACT WRZ	2022 ACT Total	2022 PLAN VRZ	2022 PLAN WRZ	2022 PLAN Total	Total Variance VRZ	Total Variance WRZ	2022 Variance Total
System Access	19,354,761	8,706,754	28,061,515	44,913,568	15,379,208	60,292,776	25,558,807	6,672,454	32,231,261
System Renewal	16,102,485	4,140,452	20,242,937	12,218,294	2,998,000	15,216,294	(3,884,191)	(1,142,452)	(5,026,643)
System Service	37,581,748	799,917	38,381,665	42,761,598	2,465,500	45,227,098	5,179,850	1,665,583	6,845,433
General Plant	10,723,852	2,343,802	13,067,653	10,752,120	2,379,480	13,131,600	28,268	35,678	63,947
Total (Gross)	**83,762,845**	**15,990,925**	**99,753,770**	**110,645,580**	**23,222,188**	**133,867,768**	**26,882,735**	**7,231,263**	**34,113,998**
WIP			1,306,270						(1,306,270)
Contributions			(14,340,151)			(46,506,088)			(32,165,937)
WIP Contributions			(7,020,991)						7,020,991
Total Contributions			(21,361,142)			(46,506,088)			(25,144,946)
Net Total Capital Spend			**79,698,898**			**87,361,680**			**7,662,782**

f) The system renewal actual spend compared to plan for 2022 was over plan by $5M driven mainly by the $4M cost from the windstorm. There was also extra costs on OH rebuilds due to material and labour cost increases.

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-04:

Ref: Elexicon Z-Factor Application Page 4

The evidence states "The Crisis Management Team immediately activated the organization's Power Restoration Plan and declared a Level 3 outage situation, which involves any power interruption event affecting more than 25,000 customers with an expected restoration time exceeding 24 hours."

a) Please provide a copy of Elexicon's Power Restoration Plan.

b) Please provide a description of all outage situations, i.e. Level 1, Level 2, etc.

c) Please discuss any deviations from the Power Restoration Plan.

Response:

a) Please see response to Staff-05 part a.

b) Descriptions of outage classification into Level 1, Level 2, etc are included in the filed Power Restoration Plan in Staff-05 part a, starting on page 7.

c) Please see response to Staff-05 part b.

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-05:

Ref: Elexicon Z-Factor Application Page 7

Elexicon indicates its forecast for its regulated 2022 ROE at this time is expected to be below the OEB Deemed ROE, and fall within the OEB's 300 basis points ROE deadband.

Please provide the ROE for 2022.

Response:

Please see response to Staff-07.

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-06:

Ref: Elexicon Z-Factor Application Page 8

Elexicon lists vegetation management as an example of how Elexicon employs asset hardening measures to reduce the risk of asset failure. Elexicon indicates vegetation management reduces the likelihood of tree contacts during high winds or from snow/ice accumulation. Please provide Elexicon's vegetation management details as follows:

a) Vegetation management cycle and number of tree trimming zones.

b) Planned compared to actual vegetation management spending for the years 2018 to 2022.

c) % of planned work completed by year for each of the years 2018 to 2022.

d) With respect to incomplete work, identify specific tree trimming areas not complete by year and discuss any catch-up plans.

e) Please provide the vegetation management amount approved in base rates.

Response:

a) Approximately one third of Elexicon's service area is cyclically maintained each year. The tree trimming zone is dependent of the tree species but minimally is 3.0m vertically and horizontally cleared around lines above 750V. All deadwood is cleared to the sky and under-brushing is completed where land is not maintained/manicured/landscaped by the land owner or municipality.
b) Planned spending compared to actual spending in vegetation management spending for the years 2018 to 2022 is provided in the table below:

Table 1: Planned versus Actual Vegetation Management Spending

Category	(5135) OH Lines & Feeder ROW
2019 Actual	$ 895,949
2019 Budget	$ 1,328,402
2020 Actual	$ 1,034,939
2020 Budget	$ 1,400,730
2021 Actual	$ 1,320,894
2021 Budget	$ 1,577,532
2022 Actual	$ 1,174,709
2022 Budget	$ 1,471,506

c) All planned work was completed between 2018 and 2022.

d) There was no incomplete planned work.

e) Veridian Connection's base rates included $1,213,619 in operating costs for vegetation management at the time of the last rebasing. Whitby Hydro's base rates included $130,803 in operating costs for vegetation management at the time of the last rebasing.

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-07:

a) Please provide Elexicon's annual operating Emergency Maintenance amounts budgeted and included in rates, compared to actual expenditures for the years 2018 to 2022.

b) Please provide Elexicon's annual capital demand response/storm amounts budgeted and included in rates, compared to actual expenditures for the years 2018 to 2022.

Response:

a) Please refer to Elexicon Energy's response to Staff-01, part a) and b).

b) Please refer to Elexicon Energy's response to Staff-01, part a) and b).

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-08:

Please complete the following table excluding major events and loss of supply:

Reliability Data	2017	2018	2019	2020	2021
# Interruptions – Tree Contacts					
Total # Interruptions					
% Interruptions – Tree Contacts					
# Customer Hours of Interruptions (CHI) – Tree Contacts					
Total # Customer Hours of Interruptions (CHI)					
% Customer Hours of Interruptions – Tree Contacts					

Response:

Please see Table 1 below for requested table excluding major events and loss of supply:

Table 1 – VECC Requested Table

Reliability Data	**2017**	**2018**	**2019**	**2020**	**2021**
# Interruptions – Tree Contacts	82	81	54	87	98
Total # interruptions	1012	1141	974	949	965
% Interruptions – Tree Contacts	8.01	7.10	5.54	9.17	10.15
# Customer hours of Interruptions (CHI) – Tree Contacts	29896	25548	30762	51693	44561
Total # Customer Hours of Interruptions (CHI)	160334	220799	224050	232925	201402
% Customer Hours of Interruptions – Tree Contacts	18.65	11.57	13.73	22.19	22.13

Elexicon Energy Inc.

Answer to Interrogatory from

Vulnerable Energy Consumers Coalition

Interrogatory VECC-09:

Ref: Elexicon Z-Factor Application Page 19

a) Please calculate rate riders for each rate zone that combines the operating costs and the revenue requirement impact of capital expenditures with recovery periods of: July 1,2023 to June 30, 2024 (Option 1) and July 1, 2023 to Rebasing (Option 2).

b) Please provide a bill impact comparison for each rate zone.

Response:

a) As noted in the preamble to the response to Interrogatory Staff -2, Elexicon has revised the tables that were originally submitted in evidence to reflect a correction to the classification of an invoice from OM&A to capital. The rate riders in the response below are consistent with the revised Tables 7 through 10 shown in Staff-2 Attachment 1. Table 1a and 1b below provide the rate riders for each rate zone that combines the operating costs and the revenue requirement impact of capital expenditures with recovery periods of: July 1,2023 to June 30, 2024 (**Option 1**). Table 1a below for VRZ is a combination of Table 7 (operating) and Table 9 (captial). Table 1b below for WRZ is a combination of Table 8 (operating) and Table 10 (captial). To confirm, Elexicon has included the revenue requirement of the capital in the associated rate rider calculation and has assumed that the intention of Option 1 was not to collect the capital in one year only. After June 30, 2024 the updated capital-related rate riders shown in Tables 9 (VRZ) and 10 (WRZ) of Staff-2 Attachment 1 would remain in effect until Elexicon's next rebasing, consistent with Elexicon's proposal.

Table 1a) – Determination of Option 1 VRZ Z-Factor Rate Riders - **July 1,2023 to June 30, 2024**

Rate Class	Staff-2 Table 7 Operating	Staff-2 Table 9 Captial	Option 1 Rate Rider
RESIDENTIAL	0.08	0.14	0.22
SEASONAL RESIDENTIAL	0.17	0.28	0.45
GENERAL SERVICE LESS THAN 50 kW	0.21	0.36	0.57
GENERAL SERVICE 50 TO 2,999 KW	2.54	4.27	6.81
GENERAL SERVICE 3,000 TO 4,999 KW	34.91	58.73	93.64
LARGE USE	47.55	80.01	127.56
UNMETERED SCATTERED LOAD	0.05	0.09	0.14
SENTINEL LIGHTING	0.06	0.09	0.15
STREET LIGHTING	0.00	0.01	0.01

Table 1b) – Determination of Option 1 WRZ Z-Factor Rate Riders - **July 1,2023 to June 30, 2024**

Rate Class	Staff-2 Table 8 Operating	Staff-2 Table 10 Captial	Option 1 Rate Rider
RESIDENTIAL	0.05	0.09	0.14
GENERAL SERVICE LESS THAN 50 kW	0.15	0.26	0.41
GENERAL SERVICE 50 TO 4,999 KW	2.01	3.53	5.54
UNMETERED SCATTERED LOAD	0.05	0.1	0.15
SENTINEL LIGHTING	0.01	0.02	0.03
STREET LIGHTING	0	0.01	0.01

For Option 2 , Elexicon has assumed the revenue requirement for capital is collected each year until rebasing (as proposed) and operating expenses are amortized over 5.5 years (ie July 2023 to January 1, 2029) and include carrying costs. A new set of rate riders were calculated to amortize the operating expenses over 5.5 years. See Table 2a and 2b below. Tables 3a and 3b outlines how the total operating expense is amortized over 5.5 years including carrying charges with a fixed amount each year. The carrying charges are determined by calculating the average of the opening and closing balances and applying an interest rate to the result. Elexicon has used the Q1 2023 OEB Approved Deferral and Variance Accounts - Prescribed Interest Rate (per the Bankers' Acceptances-3 months Plus 0.25 Spread) of 4.73% as the interest rate on the OM&A recovery from July 1, 2023 to January 1, 2029.

Table 2a Revised – Determination of Proposed VRZ Z-Factor OM&A Rate Riders - July 1, 2023 to January 1, 2029

Rate Class	2014 COS (EB-2013-0174) Revenue Requirement	Allocation of Revenue Requirement	# of customers/ connections as at Dec 31, 2021	12-Month Fixed Rate Rider
RESIDENTIAL	$ 31,645,089	$ 23,674	113,409	0.02
SEASONAL RESIDENTIAL	$ 867,951	$ 649	1,557	0.03
GENERAL SERVICE LESS THAN 50 kW	$ 6,553,835	$ 4,903	9,339	0.04
GENERAL SERVICE 50 TO 2,999 KW	$ 8,894,814	$ 6,654	1,060	0.52
GENERAL SERVICE 3,000 TO 4,999 KW	$ 692,222	$ 518	6	7.19
LARGE USE	$ 628,721	$ 470	4	9.80
UNMETERED SCATTERED LOAD	$ 145,696	$ 109	803	0.01
SENTINEL LIGHTING	$ 45,387	$ 34	247	0.01
STREET LIGHTING	$ 456,462	$ 341	31,736	-
	$ 49,930,177	**$ 37,353**		

Table 3a Revised – Application of Carrying Charges for VRZ Z-Factor OM&A Rate Riders -

From	To	Opening	Annual Amt	Closing	Carry Charges @ 0.0473	Closing + Int
01-Jul-23	30-Jun-24	$ 181,277	$ 37,353	$ 143,923	$ 7,691	$ 151,614
01-Jul-24	30-Jun-25	$ 151,614	$ 37,353	$ 114,261	$ 6,288	$ 120,549
01-Jul-25	30-Jun-26	$ 120,549	$ 37,353	$ 83,196	$ 4,819	$ 88,014
01-Jul-26	30-Jun-27	$ 88,014	$ 37,353	$ 50,661	$ 3,280	$ 53,940
01-Jul-27	30-Jun-28	$ 53,940	$ 37,353	$ 16,587	$ 1,668	$ 18,255
01-Jul-28	01-Jan-29	$ 18,255	$ 18,677	-$ 422	$ 422	-$ 0

Table 2b Revised – Determination of Proposed WRZ Z-Factor OM&A Rate Riders -
July 1, 2023 to January 1, 2029

Rate Class	2010 COS (EB-2009-0274) Revenue Requiremen	Allocation of Revenue Requirement	# of customers/ connections as at Dec 31, 2021	12-Month Fixed Rate Rider
RESIDENTIAL	$12,484,708	$ 5,616	43,441	0.01
GENERAL SERVICE LESS THAN 50 kW	$ 1,886,505	$ 849	2,350	0.03
GENERAL SERVICE 50 TO 4,999 KW	$ 4,386,869	$ 1,973	398	0.41
UNMETERED SCATTERED LOAD	$ 118,230	$ 53	392	0.01
SENTINEL LIGHTING	$ 3,106	$ 1	47	-
STREET LIGHTING	$ 317,008	$ 143	13,214	-
Total	**$19,196,426**	**$ 8,636**		

Table 3b Revised – Application of Carrying Charges for WRZ Z-Factor OM&A Rate Riders -

From	To	Opening	Annual Amt	Closing	Carry Charges @ 0.0473	Closing + Int
01-Jul-23	30-Jun-24	$ 41,909	$ 8,636	$ 33,273	$ 1,778	$ 35,051
01-Jul-24	30-Jun-25	$ 35,051	$ 8,636	$ 26,416	$ 1,454	$ 27,869
01-Jul-25	30-Jun-26	$ 27,869	$ 8,636	$ 19,234	$ 1,114	$ 20,348
01-Jul-26	30-Jun-27	$ 20,348	$ 8,636	$ 11,712	$ 758	$ 12,470
01-Jul-27	30-Jun-28	$ 12,470	$ 8,636	$ 3,835	$ 386	$ 4,220
01-Jul-28	01-Jan-29	$ 4,220	$ 4,318	-$ 98	$ 98	-$ 0

Table 4a and 4b below provide the rate riders for each rate zone that combine the operating costs and the revenue requirement impact of capital expenditures with recovery periods of: July 1, 2023 to Rebasing (**Option 2**). Table 4a below for VRZ is a combination of Table 2a above (operating) and Table 9 Staff 2 Attachment 1 (captial). Table 4b below for WRZ is a combination of Table 2b above (operating) and Table 10 Staff 2 Attachement 1 (captial).

Table 4a) – Determination of Option 2 VRZ Z-Factor Rate Riders - **July 1, 2023 to January 1, 2029**

Rate Class	VECC-9 Table 2a Operating	Staff-2 Table 9 Captial	Option 2 Rate Rider
RESIDENTIAL	0.02	0.14	0.16
SEASONAL RESIDENTIAL	0.03	0.28	0.31
GENERAL SERVICE LESS THAN 50 kW	0.04	0.36	0.40
GENERAL SERVICE 50 TO 2,999 KW	0.52	4.27	4.79
GENERAL SERVICE 3,000 TO 4,999 KW	7.19	58.73	65.92
LARGE USE	9.80	80.01	89.81
UNMETERED SCATTERED LOAD	0.01	0.09	0.10
SENTINEL LIGHTING	0.01	0.09	0.10
STREET LIGHTING	0.00	0.01	0.01

Table 4b) – Determination of Option 2 WRZ Z-Factor Rate Riders - **July 1, 2023 to January 1, 2029**

Rate Class	VECC-9 Table 2b Operating	Staff-2 Table 10 Captial	Option 2 Rate Rider
RESIDENTIAL	0.01	0.09	0.10
GENERAL SERVICE LESS THAN 50 kW	0.03	0.26	0.29
GENERAL SERVICE 50 TO 4,999 KW	0.41	3.53	3.94
UNMETERED SCATTERED LOAD	0.01	0.1	0.11
SENTINEL LIGHTING	0.00	0.02	0.02
STREET LIGHTING	0.00	0.01	0.01

b) The bill impact comparisons for Option 1 are the same as those presented as Attachment 2 of Staff-12. The bill impact comparisons for Option 2 are provided in Attachment 1 to this response. Attachment 1 shows the combined impacts of Table 4a) and 4b) above and the annual IRM base rate increases which have already been approved by the OEB in its December 16, 2022 Decision and Order (EB-2022-0024).

VECC-09

ATTACHMENT 1

BILL IMPACTS

OPTION 2

VERIDIAN RATE ZONE

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2023 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. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate 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 through end of June 2022 of $0.0967/kWh (IESO's Monthly Market Report for April 2022) 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 ***(eg: Residential TOU, Residential Retailer)***	**Units**	**RPP? Non-RPP Retailer? Non-RPP Other?**	**Current Loss Factor** **(eg: 1.0351)**	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	RTSR **Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.0482	1.0482	750			
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.0482	1.0482	645			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	RPP	1.0482	1.0482	2,000			
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0482	1.0482	432,160	1,480		
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0482	1.0482	1,752,000	4,000		
LARGE USE SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0482	1.0482	4,219,400	6,800		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	**kWh**	RPP	1.0482	1.0482	500			1
SENTINEL LIGHTING SERVICE CLASSIFICATION	**kW**	RPP	1.0482	1.0482	180	1		1
STREET LIGHTING SERVICE CLASSIFICATION	**kW**	Non-RPP (Other)	1.0482	1.0482	424,881	988		10,652
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				
Add additional scenarios if required			1.0482	1.0482				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total A		Sub-Total B		Sub-Total C		Total Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.06	3.5%	$ 1.12	3.0%	$ 3.16	6.6%	$ 3.21	2.6%
SEASONAL RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 2.07	3.8%	$ 2.12	3.5%	$ 4.15	5.8%	$ 4.21	3.1%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 6.63	11.1%	$ 6.62	8.6%	$ 11.86	11.5%	$ 12.02	3.9%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1,032.95	17.1%	$ (467.03)	-5.2%	$ 1,272.27	7.1%	$ 1,437.66	2.0%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 1,578.59	9.5%	$ (3,977.41)	-15.3%	$ 1,195.39	2.3%	$ 1,350.79	0.5%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 7,398.80	21.3%	$ 6,282.92	12.4%	$ 15,076.68	15.7%	$ 17,036.65	2.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 0.66	3.7%	$ 0.66	3.0%	$ 1.97	6.9%	$ 2.00	2.5%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 0.78	3.7%	$ 0.73	3.2%	$ 1.47	5.4%	$ 1.49	3.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 9,792.68	65.7%	$ 8,382.86	50.1%	$ 9,145.58	44.2%	$ 10,334.50	13.3%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.41	1	$ 28.41	$ 29.38	1	$ 29.38	$ 0.97	3.41%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ 1.76	1	$ 1.76	$ 1.92	1	$ 1.92	$ 0.16	9.09%	
Volumetric Rate Riders	$ 0.0001	750	$ 0.08	$ -	750	$ -	$ (0.08)	-100.00%	
Sub-Total A (excluding pass through)			**$ 30.25**			**$ 31.30**	**$ 1.06**	**3.49%**	
Line Losses on Cost of Power	$ 0.0929	36	$ 3.36	$ 0.0929	36	$ 3.36	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0031	750	$ 2.33	$ 0.0031	750	$ 2.33	$ -	0.00%	
CBR Class B Rate Riders	-$ 0.0002	750	$ (0.15)	-$ 0.0001	750	$ (0.08)	$ 0.08	-50.00%	
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0010	750	$ 0.75	$ 0.0010	750	$ 0.75	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 36.96**			**$ 38.08**	**$ 1.12**	**3.03%**	
RTSR - Network	$ 0.0083	786	$ 6.53	$ 0.0099	786	$ 7.78	$ 1.26	19.28%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0056	786	$ 4.40	$ 0.0066	786	$ 5.19	$ 0.79	17.86%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 47.89**			**$ 51.05**	**$ 3.16**	**6.61%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	786	$ 3.54	$ 0.0045	786	$ 3.54	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	786	$ 0.55	$ 0.0007	786	$ 0.55	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	480	$ 35.52	$ 0.0740	480	$ 35.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	135	$ 13.77	$ 0.1020	135	$ 13.77	$ -	0.00%	
TOU - On Peak	$ 0.1510	135	$ 20.39	$ 0.1510	135	$ 20.39	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 121.90**			**$ 125.06**	**$ 3.16**	**2.60%**	
HST	13%		$ 15.85	13%		$ 16.26	$ 0.41	2.60%	
Ontario Electricity Rebate	11.7%		$ (14.26)	11.7%		$ (14.63)	$ (0.37)		
Total Bill on TOU			**$ 123.48**			**$ 126.69**	**$ 3.21**	**2.60%**	

Customer Class:	**SEASONAL RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**RPP**	
Consumption	**645**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 51.90	1	$ 51.90	$ 53.66	1	$ 53.66	$ 1.76	3.39%	
Distribution Volumetric Rate	$ -	645	$ -	$ -	645	$ -	$ -		
Fixed Rate Riders	$ 3.22	1	$ 3.22	$ 3.53	1	$ 3.53	$ 0.31	9.63%	
Volumetric Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 55.12**			**$ 57.19**	**$ 2.07**	**3.76%**	
Line Losses on Cost of Power	$ 0.0929	31	$ 2.89	$ 0.0929	31	$ 2.89	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0030	645	$ 1.94	$ 0.0030	645	$ 1.94	$ -	0.00%	
CBR Class B Rate Riders	-$ 0.0002	645	$ (0.13)	-$ 0.0001	645	$ (0.06)	$ 0.06	-50.00%	
GA Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Low Voltage Service Charge	$ 0.0013	645	$ 0.84	$ 0.0013	645	$ 0.84	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	645	$ -	$ -	645	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 61.08**			**$ 63.21**	**$ 2.12**	**3.48%**	
RTSR - Network	$ 0.0085	676	$ 5.75	$ 0.0102	676	$ 6.90	$ 1.15	20.00%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0072	676	$ 4.87	$ 0.0085	676	$ 5.75	$ 0.88	18.06%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 71.70**			**$ 75.85**	**$ 4.15**	**5.79%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	676	$ 3.04	$ 0.0045	676	$ 3.04	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	676	$ 0.47	$ 0.0007	676	$ 0.47	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	413	$ 30.55	$ 0.0740	413	$ 30.55	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	116	$ 11.84	$ 0.1020	116	$ 11.84	$ -	0.00%	
TOU - On Peak	$ 0.1510	116	$ 17.53	$ 0.1510	116	$ 17.53	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 135.38**			**$ 139.54**	**$ 4.15**	**3.07%**	
HST	13%		$ 17.60	13%		$ 18.14	$ 0.54	3.07%	
Ontario Electricity Rebate	11.7%		$ (15.84)	11.7%		$ (16.33)	$ (0.49)		
Total Bill on TOU			**$ 137.14**			**$ 141.35**	**$ 4.21**	**3.07%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 18.41	1	$ 18.41	$ 19.04	1	$ 19.04	$ 0.63	3.42%	
Distribution Volumetric Rate	$ 0.0185	2000	$ 37.00	$ 0.0191	2000	$ 38.20	$ 1.20	3.24%	
Fixed Rate Riders	$ 1.14	1	$ 1.14	$ 1.54	1	$ 1.54	$ 0.40	35.09%	
Volumetric Rate Riders	$ 0.0016	2000	$ 3.20	$ 0.0038	2000	$ 7.60	$ 4.40	137.50%	
Sub-Total A (excluding pass through)			**$ 59.75**			**$ 66.38**	**$ 6.63**	**11.10%**	
Line Losses on Cost of Power	$ 0.0929	96	$ 8.96	$ 0.0929	96	$ 8.96	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0032	2,000	$ 6.40	$ 0.0031	2,000	$ 6.20	$ (0.20)	-3.13%	
CBR Class B Rate Riders	-$ 0.0002	2,000	$ (0.40)	-$ 0.0001	2,000	$ (0.20)	$ 0.20	-50.00%	
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 76.94**			**$ 83.56**	**$ 6.62**	**8.60%**	
RTSR - Network	$ 0.0074	2,096	$ 15.51	$ 0.0089	2,096	$ 18.66	$ 3.14	20.27%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0052	2,096	$ 10.90	$ 0.0062	2,096	$ 13.00	$ 2.10	19.23%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 103.35**			**$ 115.21**	**$ 11.86**	**11.48%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	2,096	$ 9.43	$ 0.0045	2,096	$ 9.43	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	2,096	$ 1.47	$ 0.0007	2,096	$ 1.47	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	1,280	$ 94.72	$ 0.0740	1,280	$ 94.72	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	360	$ 36.72	$ 0.1020	360	$ 36.72	$ -	0.00%	
TOU - On Peak	$ 0.1510	360	$ 54.36	$ 0.1510	360	$ 54.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 300.30**			**$ 312.16**	**$ 11.86**	**3.95%**	
HST	13%		$ 39.04	13%		$ 40.58	$ 1.54	3.95%	
Ontario Electricity Rebate	11.7%		$ (35.14)	11.7%		$ (36.52)	$ (1.39)		
Total Bill on TOU			**$ 304.21**			**$ 316.22**	**$ 12.02**	**3.95%**	

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	432,160	kWh
Demand	1,480	kW
Current Loss Factor	1.0482	
Proposed/Approved Loss Factor	1.0482	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 117.69	1	$ 117.69	$ 121.69	1	$ 121.69	$ 4.00	3.40%	
Distribution Volumetric Rate	$ 3.6310	1480	$ 5,373.88	$ 3.7545	1480	$ 5,556.66	$ 182.78	3.40%	
Fixed Rate Riders	$ 7.30	1	$ 7.30	$ 12.09	1	$ 12.09	$ 4.79	65.62%	
Volumetric Rate Riders	$ 0.3740	1480	$ 553.52	$ 0.9425	1480	$ 1,394.90	$ 841.38	152.01%	
Sub-Total A (excluding pass through)			**$ 6,052.39**			**$ 7,085.34**	**$ 1,032.95**	**17.07%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 1.3695	1,480	$ 2,026.86	$ 1.2608	1,480	$ 1,865.98	$ (160.88)	-7.94%	
CBR Class B Rate Riders	-$ 0.0817	1,480	$ (120.92)	-$ 0.0521	1,480	$ (77.11)	$ 43.81	-36.23%	
GA Rate Riders	$ 0.0012	432,160	$ 518.59	-$ 0.0020	432,160	$ (864.32)	$ (1,382.91)	-266.67%	
Low Voltage Service Charge	$ 0.3858	1,480	$ 570.98	$ 0.3858	1,480	$ 570.98	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	1,480	$ -	$ -	1,480	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9,047.91**			**$ 8,580.88**	**$ (467.03)**	**-5.16%**	
RTSR - Network	$ 3.6527	1,480	$ 5,406.00	$ 4.3788	1,480	$ 6,480.62	$ 1,074.63	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.4132	1,480	$ 3,571.54	$ 2.8623	1,480	$ 4,236.20	$ 664.67	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 18,025.44**			**$ 19,297.71**	**$ 1,272.27**	**7.06%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	452,990	$ 2,038.46	$ 0.0045	452,990	$ 2,038.46	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	452,990	$ 317.09	$ 0.0007	452,990	$ 317.09	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	452,990	$ 43,804.14	$ 0.0967	452,990	$ 43,804.14	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 64,185.38**			**$ 65,457.65**	**$ 1,272.27**	**1.98%**	
HST	13%		$ 8,344.10	13%		$ 8,509.49	$ 165.39	1.98%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 72,529.48**			**$ 73,967.14**	**$ 1,437.66**	**1.98%**	

Customer Class:	**GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**1,752,000**	**kWh**
Demand	**4,000**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 6,184.42	1	$ 6,184.42	$ 6,394.69	1	$ 6,394.69	$ 210.27	3.40%
Distribution Volumetric Rate	$ 2.3004	4000	$ 9,201.60	$ 2.3786	4000	$ 9,514.40	$ 312.80	3.40%
Fixed Rate Riders	$ 383.39	1	$ 383.39	$ 449.31	1	$ 449.31	$ 65.92	17.19%
Volumetric Rate Riders	$ 0.2215	4000	$ 886.00	$ 0.4689	4000	$ 1,875.60	$ 989.60	111.69%
Sub-Total A (excluding pass through)			**$ 16,655.41**			**$ 18,234.00**	**$ 1,578.59**	**9.48%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.4841	4,000	$ 5,936.40	$ 1.4578	4,000	$ 5,831.20	$ (105.20)	-1.77%
CBR Class B Rate Riders	-$ 0.1118	4,000	$ (447.20)	-$ 0.0729	4,000	$ (291.60)	$ 155.60	-34.79%
GA Rate Riders	$ 0.0012	1,752,000	$ 2,102.40	-$ 0.0020	1,752,000	$ (3,504.00)	$ (5,606.40)	-266.67%
Low Voltage Service Charge	$ 0.4346	4,000	$ 1,738.40	$ 0.4346	4,000	$ 1,738.40	$ -	0.00%
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Volumetric Rate Riders	$ -	4,000	$ -	$ -	4,000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25,985.41**			**$ 22,008.00**	**$ (3,977.41)**	**-15.31%**
RTSR - Network	$ 4.0244	4,000	$ 16,097.60	$ 4.8244	4,000	$ 19,297.60	$ 3,200.00	19.88% *In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.6503	4,000	$ 10,601.20	$ 3.1435	4,000	$ 12,574.00	$ 1,972.80	18.61% *In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 52,684.21**			**$ 53,879.60**	**$ 1,195.39**	**2.27%**
Wholesale Market Service Charge (WMSC)	$ 0.0045	1,836,446	$ 8,264.01	$ 0.0045	1,836,446	$ 8,264.01	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0007	1,836,446	$ 1,285.51	$ 0.0007	1,836,446	$ 1,285.51	$ -	0.00%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.0967	1,836,446	$ 177,584.37	$ 0.0967	1,836,446	$ 177,584.37	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 239,818.35**			**$ 241,013.74**	**$ 1,195.39**	**0.50%**
HST	13%		$ 31,176.39	13%		$ 31,331.79	$ 155.40	0.50%
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 270,994.73**			**$ 272,345.52**	**$ 1,350.79**	**0.50%**

Customer Class:	**LARGE USE SERVICE CLASSIFICATION**
RPP / Non-RPP:	**Non-RPP (Other)**
Consumption	**4,219,400** kWh
Demand	**6,800** kW
Current Loss Factor	**1.0482**
Proposed/Approved Loss Factor	**1.0482**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ **9,290.25**	1	$ 9,290.25	$ **9,606.12**	**1**	$ **9,606.12**	$ 315.87	3.40%	
Distribution Volumetric Rate	$ **3.2398**	6800	$ 22,030.64	$ **3.3500**	**6800**	$ **22,780.00**	$ 749.36	3.40%	
Fixed Rate Riders	$ **575.93**	1	$ 575.93	$ **665.74**	**1**	$ **665.74**	$ 89.81	15.59%	
Volumetric Rate Riders	$ **0.4172**	6800	$ 2,836.96	$ **1.3354**	**6800**	$ **9,080.72**	$ 6,243.76	220.09%	
Sub-Total A (excluding pass through)			**$ 34,733.78**			**$ 42,132.58**	**$ 7,398.80**	**21.30%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ **1.9251**	6,800	$ 13,090.68	$ **1.7610**	**6,800**	$ **11,974.80**	$ (1,115.88)	-8.52%	
CBR Class B Rate Riders	$ -	6,800	$ -	$ -	**6,800**	$ -	$ -		
GA Rate Riders	$ -	4,219,400	$ -	$ -	**4,219,400**	$ -	$ -		
Low Voltage Service Charge	$ **0.4157**	6,800	$ 2,826.76	$ **0.4157**	**6,800**	$ **2,826.76**	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	**1**	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	**1**	$ -	$ -		
Additional Volumetric Rate Riders	$ -	6,800	$ -	$ -	**6,800**	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 50,651.22**			**$ 56,934.14**	**$ 6,282.92**	**12.40%**	
RTSR - Network	$ **4.0244**	6,800	$ 27,365.92	$ **4.8244**	**6,800**	$ **32,805.92**	$ 5,440.00	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ **2.6503**	6,800	$ 18,022.04	$ **3.1435**	**6,800**	$ **21,375.80**	$ 3,353.76	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 96,039.18**			**$ 111,115.86**	**$ 15,076.68**	**15.70%**	
Wholesale Market Service Charge (WMSC)	$ **0.0045**	4,422,775	$ 19,902.49	$ **0.0045**	**4,422,775**	$ **19,902.49**	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ **0.0007**	4,422,775	$ 3,095.94	$ **0.0007**	**4,422,775**	$ **3,095.94**	$ -	0.00%	
Standard Supply Service Charge	$ **0.25**	1	$ 0.25	$ **0.25**	**1**	$ **0.25**	$ -	0.00%	
Average IESO Wholesale Market Price	$ **0.0967**	4,422,775	$ 427,682.35	$ **0.0967**	**4,422,775**	$ **427,682.35**	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 546,720.21**			**$ 561,796.89**	**$ 15,076.68**	**2.76%**	
HST	13%		$ 71,073.63	13%		$ 73,033.60	$ 1,959.97	2.76%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 617,793.84**			**$ 634,830.49**	**$ 17,036.65**	**2.76%**	

Customer Class:	**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**RPP**	
Consumption	**500**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 7.51	1	$ 7.51	$ 7.77	1	$ 7.77	$ 0.26	3.46%	
Distribution Volumetric Rate	$ 0.0184	500	$ 9.20	$ 0.0190	500	$ 9.50	$ 0.30	3.26%	
Fixed Rate Riders	$ 0.47	1	$ 0.47	$ 0.57	1	$ 0.57	$ 0.10	21.28%	
Volumetric Rate Riders	$ 0.0011	500	$ 0.55	$ 0.0011	500	$ 0.55	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 17.73**			**$ 18.39**	**$ 0.66**	**3.72%**	
Line Losses on Cost of Power	$ 0.0929	24	$ 2.24	$ 0.0929	24	$ 2.24	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 0.0033	500	$ 1.65	$ 0.0032	500	$ 1.60	$ (0.05)	-3.03%	
CBR Class B Rate Riders	-$ 0.0002	500	$ (0.10)	-$ 0.0001	500	$ (0.05)	$ 0.05	-50.00%	
GA Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 21.97**			**$ 22.63**	**$ 0.66**	**3.00%**	
RTSR - Network	$ 0.0074	524	$ 3.88	$ 0.0089	524	$ 4.66	$ 0.79	20.27%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0052	524	$ 2.73	$ 0.0062	524	$ 3.25	$ 0.52	19.23%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 28.57**			**$ 30.54**	**$ 1.97**	**6.90%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	524	$ 2.36	$ 0.0045	524	$ 2.36	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	524	$ 0.37	$ 0.0007	524	$ 0.37	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	320	$ 23.68	$ 0.0740	320	$ 23.68	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	90	$ 9.18	$ 0.1020	90	$ 9.18	$ -	0.00%	
TOU - On Peak	$ 0.1510	90	$ 13.59	$ 0.1510	90	$ 13.59	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 78.00**			**$ 79.97**	**$ 1.97**	**2.53%**	
HST	13%		$ 10.14	13%		$ 10.40	$ 0.26	2.53%	
Ontario Electricity Rebate	11.7%		$ (9.13)	11.7%		$ (9.36)	$ (0.23)		
Total Bill on TOU			**$ 79.01**			**$ 81.01**	**$ 2.00**	**2.53%**	

Customer Class:	**SENTINEL LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**RPP**	
Consumption	**180**	**kWh**
Demand	**1**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 4.94	1	$ 4.94	$ 5.11	1	$ 5.11	$ 0.17	3.44%	
Distribution Volumetric Rate	$ 14.9572	1	$ 14.96	$ 15.4657	1	$ 15.47	$ 0.51	3.40%	
Fixed Rate Riders	$ 0.31	1	$ 0.31	$ 0.41	1	$ 0.41	$ 0.10	32.26%	
Volumetric Rate Riders	$ 0.9272	1	$ 0.93	$ 0.9272	1	$ 0.93	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 21.13**			**$ 21.91**	**$ 0.78**	**3.68%**	
Line Losses on Cost of Power	$ 0.0929	9	$ 0.81	$ 0.0929	9	$ 0.81	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ 1.1619	1	$ 1.16	$ 1.0937	1	$ 1.09	$ (0.07)	-5.87%	
CBR Class B Rate Riders	-$ 0.0748	1	$ (0.07)	-$ 0.0506	1	$ (0.05)	$ 0.02	-32.35%	
GA Rate Riders	$ -	180	$ -	$ -	180	$ -	$ -		
Low Voltage Service Charge	$ 0.2505	1	$ 0.25	$ 0.2505	1	$ 0.25	$ -	0.00%	
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)			**$ 23.28**			**$ 24.01**	**$ 0.73**	**3.16%**	
RTSR - Network	$ 2.2784	1	$ 2.28	$ 2.7313	1	$ 2.73	$ 0.45	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.5172	1	$ 1.52	$ 1.7995	1	$ 1.80	$ 0.28	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 27.07**			**$ 28.54**	**$ 1.47**	**5.43%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	189	$ 0.85	$ 0.0045	189	$ 0.85	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	189	$ 0.13	$ 0.0007	189	$ 0.13	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	115	$ 8.52	$ 0.0740	115	$ 8.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	32	$ 3.30	$ 0.1020	32	$ 3.30	$ -	0.00%	
TOU - On Peak	$ 0.1510	32	$ 4.89	$ 0.1510	32	$ 4.89	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 45.03**			**$ 46.50**	**$ 1.47**	**3.26%**	
HST	13%		$ 5.85	13%		$ 6.04	$ 0.19	3.26%	
Ontario Electricity Rebate	11.7%		$ (5.27)	11.7%		$ (5.44)	$ (0.17)		
Total Bill on TOU			**$ 45.61**			**$ 47.10**	**$ 1.49**	**3.26%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**424,881**	**kWh**
Demand	**988**	**kW**
Current Loss Factor	**1.0482**	
Proposed/Approved Loss Factor	**1.0482**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 0.76	10652	$ 8,095.52	$ 0.79	10652	$ 8,415.08	$ 319.56	3.95%	
Distribution Volumetric Rate	$ 4.0898	988.1	$ 4,041.13	$ 4.2289	988.1	$ 4,178.58	$ 137.44	3.40%	
Fixed Rate Riders	$ 0.05	10652	$ 532.60	$ 0.06	10652	$ 639.12	$ 106.52	20.00%	
Volumetric Rate Riders	$ 2.2608	988.1	$ 2,233.90	$ 11.6011	988.1	$ 11,463.05	$ 9,229.15	413.14%	
Sub-Total A (excluding pass through)			**$ 14,903.15**			**$ 24,695.82**	**$ 9,792.68**	**65.71%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 1.1653	988	$ 1,151.43	$ 1.0890	988	$ 1,076.04	$ (75.39)	-6.55%	
CBR Class B Rate Riders	-$ 0.0753	988	$ (74.40)	-$ 0.0498	988	$ (49.21)	$ 25.20	-33.86%	
GA Rate Riders	$ 0.0012	424,881	$ 509.86	-$ 0.0020	424,881	$ (849.76)	$ (1,359.62)	-266.67%	
Low Voltage Service Charge	$ 0.2618	988	$ 258.68	$ 0.2618	988	$ 258.68	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	10652	$ -	$ -	10652	$ -	$ -		
Additional Fixed Rate Riders	$ -	10652	$ -	$ -	10652	$ -	$ -		
Additional Volumetric Rate Riders	$ -	988	$ -	$ -	988	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 16,748.72**			**$ 25,131.58**	**$ 8,382.86**	**50.05%**	
RTSR - Network	$ 2.3989	988	$ 2,370.35	$ 2.8758	988	$ 2,841.58	$ 471.22	19.88%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.5854	988	$ 1,566.53	$ 1.8804	988	$ 1,858.02	$ 291.49	18.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 20,685.61**			**$ 29,831.18**	**$ 9,145.58**	**44.21%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	445,360	$ 2,004.12	$ 0.0045	445,360	$ 2,004.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	445,360	$ 311.75	$ 0.0007	445,360	$ 311.75	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	10652	$ 2,663.00	$ 0.25	10652	$ 2,663.00	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	445,360	$ 43,066.30	$ 0.0967	445,360	$ 43,066.30	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 68,730.78**			**$ 77,876.36**	**$ 9,145.58**	**13.31%**	
HST	13%		$ 8,935.00	13%		$ 10,123.93	$ 1,188.92	13.31%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 77,665.78**			**$ 88,000.28**	**$ 10,334.50**	**13.31%**	

VECC-09

ATTACHMENT 1

BILL IMPACTS

OPTION 2

WHITBY RATE ZONE

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2023 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. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate 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 through end of June 2022 of $0.0967/kWh (IESO's Monthly Market Report for April 2022) 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 *(eg: Residential TOU, Residential Retailer)*	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0454	1.0454	40,000	100		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0454	1.0454	500			1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0454	1.0454	150	1		1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0454	1.0454	283,400	736		12,262
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				
Add additional scenarios if required			1.0454	1.0454				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 1.24	3.7%	$ 3.18	8.4%	$ 5.61	11.0%	$ 5.68	4.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 4.04	5.7%	$ 9.43	11.6%	$ 15.49	13.6%	$ 15.69	5.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 59.51	9.0%	$ 84.76	12.3%	$ 195.69	15.1%	$ 221.13	3.5%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 1.01	3.8%	$ 2.41	8.2%	$ 3.93	10.5%	$ 3.98	4.5%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 1.24	5.7%	$ 2.38	10.5%	$ 3.23	11.9%	$ 3.28	7.7%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 8,023.01	23.2%	$ 7,283.45	21.0%	$ 7,905.52	20.8%	$ 8,933.23	11.1%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 33.41	1	$ 33.41	$ 34.55	1	$ 34.55	$ 1.14	3.41%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ (0.06)	1	$ (0.06)	$ 0.04	1	$ 0.04	$ 0.10	-166.67%	
Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 33.35**			**$ 34.59**	**$ 1.24**	**3.72%**	
Line Losses on Cost of Power	$ 0.0929	34	$ 3.16	$ 0.0929	34	$ 3.16	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ 0.0028	750	$ 2.10	$ 2.10		
CBR Class B Rate Riders	$ -	750	$ -	-$ 0.0002	750	$ (0.15)	$ (0.15)		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0010	750	$ 0.75	$ 0.0010	750	$ 0.75	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 37.69**			**$ 40.87**	**$ 3.18**	**8.44%**	
RTSR - Network	$ 0.0096	784	$ 7.53	$ 0.0114	784	$ 8.94	$ 1.41	18.75%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0072	784	$ 5.65	$ 0.0085	784	$ 6.66	$ 1.02	18.06%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 50.87**			**$ 56.48**	**$ 5.61**	**11.03%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	784	$ 3.53	$ 0.0045	784	$ 3.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	784	$ 0.55	$ 0.0007	784	$ 0.55	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	480	$ 35.52	$ 0.0740	480	$ 35.52	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	135	$ 13.77	$ 0.1020	135	$ 13.77	$ -	0.00%	
TOU - On Peak	$ 0.1510	135	$ 20.39	$ 0.1510	135	$ 20.39	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 124.87**			**$ 130.48**	**$ 5.61**	**4.49%**	
HST	13%		$ 16.23	13%		$ 16.96	$ 0.73	4.49%	
Ontario Electricity Rebate	11.7%		$ (14.61)	11.7%		$ (15.27)	$ (0.66)		
Total Bill on TOU			**$ 126.49**			**$ 132.17**	**$ 5.68**	**4.49%**	

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0454	
Proposed/Approved Loss Factor	1.0454	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 28.08	1	$ 28.08	$ 29.03	1	$ 29.03	$ 0.95	3.38%	
Distribution Volumetric Rate	$ 0.0208	2000	$ 41.60	$ 0.0215	2000	$ 43.00	$ 1.40	3.37%	
Fixed Rate Riders	$ -	1	$ -	$ 0.29	1	$ 0.29	$ 0.29		
Volumetric Rate Riders	$ 0.0005	2000	$ 1.00	$ 0.0012	2000	$ 2.40	$ 1.40	140.00%	
Sub-Total A (excluding pass through)			**$ 70.68**			**$ 74.72**	**$ 4.04**	**5.72%**	
Line Losses on Cost of Power	$ 0.0929	91	$ 8.44	$ 0.0929	91	$ 8.44	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ 0.0029	2,000	$ 5.80	$ 5.80		
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	$ 0.0009	2,000	$ 1.80	$ 0.0009	2,000	$ 1.80	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.43	1	$ 0.43	$ 0.42	1	$ 0.42	$ (0.01)	-2.33%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 81.35**			**$ 90.78**	**$ 9.43**	**11.59%**	
RTSR - Network	$ 0.0087	2,091	$ 18.19	$ 0.0104	2,091	$ 21.74	$ 3.55	19.54%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0068	2,091	$ 14.22	$ 0.0080	2,091	$ 16.73	$ 2.51	17.65%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 113.75**			**$ 129.25**	**$ 15.49**	**13.62%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	2,091	$ 9.41	$ 0.0045	2,091	$ 9.41	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	2,091	$ 1.46	$ 0.0007	2,091	$ 1.46	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	1,280	$ 94.72	$ 0.0740	1,280	$ 94.72	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	360	$ 36.72	$ 0.1020	360	$ 36.72	$ -	0.00%	
TOU - On Peak	$ 0.1510	360	$ 54.36	$ 0.1510	360	$ 54.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 310.67**			**$ 326.17**	**$ 15.49**	**4.99%**	
HST	13%		$ 40.39	13%		$ 42.40	$ 2.01	4.99%	
Ontario Electricity Rebate	11.7%		$ (36.35)	11.7%		$ (38.16)	$ (1.81)		
Total Bill on TOU			**$ 314.71**			**$ 330.41**	**$ 15.69**	**4.99%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	40,000 kWh
Demand	100 kW
Current Loss Factor	1.0454
Proposed/Approved Loss Factor	1.0454

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 213.88	1	$ 213.88	$ 221.15	1	$ 221.15	$ 7.27	3.40%	
Distribution Volumetric Rate	$ 4.2717	100	$ 427.17	$ 4.4169	100	$ 441.69	$ 14.52	3.40%	
Fixed Rate Riders	$ -	1	$ -	$ 3.94	1	$ 3.94	$ 3.94		
Volumetric Rate Riders	$ 0.1872	100	$ 18.72	$ 0.5250	100	$ 52.50	$ 33.78	180.45%	
Sub-Total A (excluding pass through)			**$ 659.77**			**$ 719.28**	**$ 59.51**	**9.02%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	100	$ -	$ 1.2721	100	$ 127.21	$ 127.21		
CBR Class B Rate Riders	$ -	100	$ -	-$ 0.0596	100	$ (5.96)	$ (5.96)		
GA Rate Riders	$ -	40,000	$ -	-$ 0.0024	40,000	$ (96.00)	$ (96.00)		
Low Voltage Service Charge	$ 0.3181	100	$ 31.81	$ 0.3181	100	$ 31.81	$ -	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)			**$ 691.58**			**$ 776.34**	**$ 84.76**	**12.26%**	
RTSR - Network	$ 3.4495	100	$ 344.95	$ 4.1057	100	$ 410.57	$ 65.62	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.5728	100	$ 257.28	$ 3.0259	100	$ 302.59	$ 45.31	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 1,293.81**			**$ 1,489.50**	**$ 195.69**	**15.13%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	41,816	$ 188.17	$ 0.0045	41,816	$ 188.17	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	41,816	$ 29.27	$ 0.0007	41,816	$ 29.27	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	41,816	$ 4,043.61	$ 0.0967	41,816	$ 4,043.61	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 5,555.11**			**$ 5,750.80**	**$ 195.69**	**3.52%**	
HST	13%		$ 722.16	13%		$ 747.60	$ 25.44	3.52%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 6,277.27**			**$ 6,498.40**	**$ 221.13**	**3.52%**	

Customer Class:	**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**RPP**	
Consumption	**500**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0454**	
Proposed/Approved Loss Factor	**1.0454**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 10.40	1	$ 10.40	$ 10.75	1	$ 10.75	$ 0.35	3.37%	
Distribution Volumetric Rate	$ 0.0332	500	$ 16.60	$ 0.0343	500	$ 17.15	$ 0.55	3.31%	
Fixed Rate Riders	$ -	1	$ -	$ 0.11	1	$ 0.11	$ 0.11		
Volumetric Rate Riders	-$ 0.0002	500	$ (0.10)	-$ 0.0002	500	$ (0.10)	$ -	0.00%	
Sub-Total A (excluding pass through)			**$ 26.90**			**$ 27.91**	**$ 1.01**	**3.75%**	
Line Losses on Cost of Power	$ 0.0929	23	$ 2.11	$ 0.0929	23	$ 2.11	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	500	$ -	$ 0.0030	500	$ 1.50	$ 1.50		
CBR Class B Rate Riders	$ -	500	$ -	-$ 0.0002	500	$ (0.10)	$ (0.10)		
GA Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Low Voltage Service Charge	$ 0.0009	500	$ 0.45	$ 0.0009	500	$ 0.45	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders	$ -	500	$ -	$ -	500	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 29.46**			**$ 31.87**	**$ 2.41**	**8.18%**	
RTSR - Network	$ 0.0087	523	$ 4.55	$ 0.0104	523	$ 5.44	$ 0.89	19.54%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0068	523	$ 3.55	$ 0.0080	523	$ 4.18	$ 0.63	17.65%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 37.56**			**$ 41.49**	**$ 3.93**	**10.45%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	523	$ 2.35	$ 0.0045	523	$ 2.35	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	523	$ 0.37	$ 0.0007	523	$ 0.37	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	320	$ 23.68	$ 0.0740	320	$ 23.68	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	90	$ 9.18	$ 0.1020	90	$ 9.18	$ -	0.00%	
TOU - On Peak	$ 0.1510	90	$ 13.59	$ 0.1510	90	$ 13.59	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 86.98**			**$ 90.90**	**$ 3.93**	**4.51%**	
HST	13%		$ 11.31	13%		$ 11.82	$ 0.51	4.51%	
Ontario Electricity Rebate	11.7%		$ (10.18)	11.7%		$ (10.64)	$ (0.46)		
Total Bill on TOU			**$ 88.11**			**$ 92.09**	**$ 3.98**	**4.51%**	

Customer Class:	**SENTINEL LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**RPP**	
Consumption	**150**	**kWh**
Demand	**1**	**kW**
Current Loss Factor	**1.0454**	
Proposed/Approved Loss Factor	**1.0454**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 6.11	1	$ 6.11	$ 6.32	1	$ 6.32	$ 0.21	3.44%	
Distribution Volumetric Rate	$ 16.4458	1	$ 16.45	$ 17.0050	1	$ 17.01	$ 0.56	3.40%	
Fixed Rate Riders	$ -	1	$ -	$ 0.02	1	$ 0.02	$ 0.02		
Volumetric Rate Riders	-$ 0.5664	1	$ (0.57)	-$ 0.1117	1	$ (0.11)	$ 0.45	-80.28%	
Sub-Total A (excluding pass through)			**$ 21.99**			**$ 23.23**	**$ 1.24**	**5.66%**	
Line Losses on Cost of Power	$ 0.0929	7	$ 0.63	$ 0.0929	7	$ 0.63	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	1	$ -	$ 1.1921	1	$ 1.19	$ 1.19		
CBR Class B Rate Riders	$ -	1	$ -	-$ 0.0563	1	$ (0.06)	$ (0.06)		
GA Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
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)			**$ 22.62**			**$ 25.00**	**$ 2.38**	**10.52%**	
RTSR - Network	$ 2.6144	1	$ 2.61	$ 3.1117	1	$ 3.11	$ 0.50	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 2.0307	1	$ 2.03	$ 2.3883	1	$ 2.39	$ 0.36	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 27.27**			**$ 30.50**	**$ 3.23**	**11.86%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	157	$ 0.71	$ 0.0045	157	$ 0.71	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	157	$ 0.11	$ 0.0007	157	$ 0.11	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0740	96	$ 7.10	$ 0.0740	96	$ 7.10	$ -	0.00%	
TOU - Mid Peak	$ 0.1020	27	$ 2.75	$ 0.1020	27	$ 2.75	$ -	0.00%	
TOU - On Peak	$ 0.1510	27	$ 4.08	$ 0.1510	27	$ 4.08	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 42.27**			**$ 45.50**	**$ 3.23**	**7.65%**	
HST	13%		$ 5.49	13%		$ 5.92	$ 0.42	7.65%	
Ontario Electricity Rebate	11.7%		$ (4.95)	11.7%		$ (5.32)	$ (0.38)		
Total Bill on TOU			**$ 42.82**			**$ 46.09**	**$ 3.28**	**7.65%**	

Customer Class:	**STREET LIGHTING SERVICE CLASSIFICATION**	
RPP / Non-RPP:	**Non-RPP (Other)**	
Consumption	**283,400**	**kWh**
Demand	**736**	**kW**
Current Loss Factor	**1.0454**	
Proposed/Approved Loss Factor	**1.0454**	

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 1.88	12262	$ 23,052.56	$ 1.94	12262	$ 23,788.28	$ 735.72	3.19%	
Distribution Volumetric Rate	$ 7.1956	736	$ 5,295.96	$ 7.4403	736	$ 5,476.06	$ 180.10	3.40%	
Fixed Rate Riders	$ -	12262	$ -	$ 0.01	12262	$ 122.62	$ 122.62		
Volumetric Rate Riders	$ 8.3717	736	$ 6,161.57	$ 17.8616	736	$ 13,146.14	$ 6,984.57	113.36%	
Sub-Total A (excluding pass through)			**$ 34,510.09**			**$ 42,533.10**	**$ 8,023.01**	**23.25%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	736	$ -	-$ 0.0286	736	$ (21.05)	$ (21.05)		
CBR Class B Rate Riders	$ -	736	$ -	-$ 0.0521	736	$ (38.35)	$ (38.35)		
GA Rate Riders	$ -	283,400	$ -	-$ 0.0024	283,400	$ (680.16)	$ (680.16)		
Low Voltage Service Charge	$ 0.2459	736	$ 180.98	$ 0.2459	736	$ 180.98	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	12262	$ -	$ -	12262	$ -	$ -		
Additional Fixed Rate Riders	$ -	12262	$ -	$ -	12262	$ -	$ -		
Additional Volumetric Rate Riders	$ -	736	$ -	$ -	736	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 34,691.08**			**$ 41,974.53**	**$ 7,283.45**	**21.00%**	
RTSR - Network	$ 2.6016	736	$ 1,914.78	$ 3.0965	736	$ 2,279.02	$ 364.25	19.02%	*In the manager's summary, discuss the reasoı*
RTSR - Connection and/or Line and Transformation Connection	$ 1.9890	736	$ 1,463.90	$ 2.3393	736	$ 1,721.72	$ 257.82	17.61%	*In the manager's summary, discuss the reasoı*
Sub-Total C - Delivery (including Sub-Total B)			**$ 38,069.76**			**$ 45,975.27**	**$ 7,905.52**	**20.77%**	
Wholesale Market Service Charge (WMSC)	$ 0.0045	296,266	$ 1,333.20	$ 0.0045	296,266	$ 1,333.20	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0007	296,266	$ 207.39	$ 0.0007	296,266	$ 207.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	12262	$ 3,065.50	$ 0.25	12262	$ 3,065.50	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.0967	296,266	$ 28,648.96	$ 0.0967	296,266	$ 28,648.96	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 71,324.80**			**$ 79,230.32**	**$ 7,905.52**	**11.08%**	
HST	13%		$ 9,272.22	13%		$ 10,299.94	$ 1,027.72	11.08%	
Ontario Electricity Rebate	11.7%		$ -	11.7%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 80,597.02**			**$ 89,530.26**	**$ 8,933.23**	**11.08%**	