EB-2021-0052

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

AND IN THE MATTER OF an application by
Ottawa River Power Corporation
For an order approving just and reasonable rates and
Other charges for electricity distribution beginning
May 1, 2022.

Ottawa River Power Corporation

Settlement Proposal

Filed: February 25, 2022

CONTENT

LIST OF TABLES

LIST OF ATTACHMENTS

A. Proposed May 1, 2022 Tariff of Rates and Charges
B. Bill Impacts
C. Revenue Requirement Work Form
D. Accelerated CCA Calculation 2019-2020

ORPC has filed revised models as evidence to support this Settlement Proposal. The models have been filed through the OEB's e-filing service and include:

1. Filing Requirements Chapter 2 Appendices
2. Revenue Requirement Work Form
3. Income Tax PILs Model
4. Load Forecast Model
5. Cost Allocation Model
6. DVA Continuity Schedule
7. RTSR Model
8. Tariff Schedule and Bill Impact Model

SETTLEMENT PROPOSAL

Ottawa River Power Corporation (the Applicant or ORPC) filed a Cost of Service application with the Ontario Energy Board (the OEB) on September 30, 2021, under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B) (the Act), seeking approval for changes to the rates that ORPC charges for electricity distribution, to be effective May 1, 2022 (OEB file number EB-2021-0052) (the Application).

The OEB issued a Letter of Direction and Notice of Application on October 20, 2021. In Procedural Order No. 1, dated November 15, 2021, the OEB approved the following intervenors (the Intervenors):

1. Vulnerable Energy Consumers Coalition (VECC)
2. School Energy Coalition (SEC)

The Procedural Order also indicated the prescribed dates for the written interrogatories, ORPC's responses to interrogatories, a Settlement Conference, and various other elements in the proceeding.

On November 22, 2021, OEB staff, on behalf of all the parties, submitted a proposed issues list (the Issues List) to the OEB for approval. The OEB approved the Issues List on November 25, 2021.

Following the receipt of interrogatories, ORPC filed its interrogatory responses with the OEB on December 22, 2021.

The Settlement Conference was convened on January 10 and 11, 2022, in accordance with the OEB's Rules of Practice and Procedure (the Rules) and the OEB's Practice Direction on Settlement Conferences. The above noted intervenors, Ottawa River Power Corporation and OEB Staff participated in the Settlement Conference.

Sarah Daitch (Mass LBP) acted as facilitator for the Settlement Conference.

ORPC and the Intervenors (collectively referred to below as the Parties), reached a full, comprehensive settlement regarding ORPC's 2022 Cost of Service Application. The details and specific components of the settlement are detailed in this Settlement Proposal.

This document is called a Settlement Proposal because it is a proposal by the Parties presented to the OEB to settle the issues in this proceeding. It is termed a proposal as between the Parties and the OEB. However, as between the Parties, and subject only to the OEB's approval of this Settlement Proposal, this document is intended to be a legal agreement, creating mutual obligations, and binding and enforceable in accordance with its terms. In entering into this Settlement Proposal, the Parties understand and agree that pursuant to the Act, the OEB has exclusive jurisdiction with respect to the interpretation and enforcement of the terms hereof.

The Parties acknowledge that this settlement conference is confidential in accordance with the OEB's Practice Direction on Settlement Conferences. The Parties understand that confidentiality in that context does not have the same meaning as confidentiality in the OEB's

Practice Direction on Confidential Filings, and the rules of that latter document do not apply. Instead, in the Settlement Conference, and in this Settlement Proposal, the specific rules with respect to confidentiality and privilege are as set out in the Practice Direction on Settlement Conferences, as amended on February 17, 2021. The Parties have interpreted the revised Practice Direction on Settlement Conferences to mean that the documents and other information provided during the course of the Settlement Conference itself, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement – or not – of each issue during the Settlement Conference are strictly privileged and without prejudice. None of the foregoing is admissible as evidence in this proceeding, or otherwise, with one exception, the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Proposal. Further, the Parties shall not disclose those documents or other information to persons who were not attendees at the Settlement Conference. However, the Parties agree that attendees are deemed to include, in this context, persons who were not in attendance at the Settlement Conference but were a) any persons or entities that the Parties engaged to assist them with the Settlement Conference, and b) any persons or entities from whom the attendees sought instructions with respect to the negotiations, in each case provided that any such persons or entities have agreed to be bound by the same confidentiality provisions.

OEB Staff also participated in the Settlement Conference. The role adopted by OEB Staff is set out in section 11 of the Practice Direction on Settlement Conferences. Although OEB Staff is not a party to this Settlement Proposal, as noted in the Practice Direction on Settlement Conferences, OEB Staff who participated in the Settlement Conference are bound by the same confidentiality standards that apply to the Parties to the proceeding.

This Settlement Proposal provides a brief description of each of the settled issues, as applicable, together with references to the evidence. The Parties agree that references to the evidence in this Settlement Proposal shall, unless the context otherwise requires, include, in addition to the Application, the responses to interrogatories, all other components of the record up to and including the date hereof, and the additional information included by the Parties in this Settlement Proposal and the attachments and appendices to this document.

Included with the Settlement Proposal are attachments that provide further support for the proposed settlement. The Parties acknowledge that the attachments were prepared by ORPC. The intervenors and OEB Staff have reviewed the attachments. However, the intervenors are relying on the accuracy of the attachments and the underlying evidence in entering into this Settlement Proposal.

For ease of reference, this Settlement Proposal follows the format of the final approved Issues List, with additional sub-issues added as appropriate in order to highlight specific aspects of the settlement.

According to section 6 of the Practice Direction on Settlement Conferences, the Parties must consider whether a Settlement Proposal should include an appropriate adjustment mechanism for any settled issue that may be affected by external factors. Any such adjustments are specifically set out in the text of the Settlement Proposal.

The Parties have settled the issues as a package, and none of the parts of this Settlement Proposal are severable. If the OEB does not accept this Settlement Proposal in its entirety, then there is no settlement (unless the Parties agree in writing that any part(s) of this Settlement Proposal that the OEB accepts may continue as a valid settlement without inclusion of any part(s) that the OEB does not accept).

In the event that the OEB directs the Parties to make reasonable efforts to revise the Settlement Proposal, the Parties agree to use reasonable efforts to discuss any potential revisions, but no Party will be obligated to accept any proposed revision. The Parties agree that all of the Parties must agree with any revised Settlement Proposal as it relates to that issue, or take no position, prior to its resubmission to the OEB.

Unless stated otherwise, the settlement of any particular issue in this proceeding and the positions of the Parties in this Settlement Proposal are without prejudice to the rights of the Parties to raise the same issue and/or to take any position thereon in any other proceeding, whether or not ORPC is a party to such proceeding, provided that no Party shall take a position that would result in the Settlement Proposal not applying in accordance with the terms contained herein.

Where, in this Settlement Proposal, the Parties accept the evidence of ORPC, or agree to any issue, term or condition, including a revised budget or forecast, then unless the Settlement Proposal expressly states to the contrary, the words “for the purpose of settlement of the issues herein” shall be deemed to qualify that acceptance or agreement.

SUMMARY

The parties were able to reach agreement on all aspects of the Application; capital costs, operations, maintenance & administration (OM&A) costs, revenue requirement-related issues, including the accuracy of the revenue requirement determination, OEB policies and practices and accounting.

In reaching this Settlement Proposal, the Parties have been guided by the Filing Requirements for 2022 rates and the approved Issues List.

This Settlement Proposal reflects a full settlement of the issues in the proceeding. The Parties have described below, in detail, areas where they have settled an issue by agreeing to adjustments to the Application as updated.

This Settlement Proposal will, if accepted, result in total bill decreases of -$0.20 or -0.2% per month for the typical residential customer consuming 750 kWh per month. This compares to an increase of $0.91 or 0.8% per month in the original Application evidence.

The overall financial impact of the Settlement Proposal increased the total base revenue requirement by 0.13% from $4,955,456 to $4,962,462.

The Parties note that this Settlement Proposal includes all tables, appendices and the Excel models that represent the evidence and the settlement between the Parties at the time of filing the Settlement Proposal, and the agreed Tariff of Rates and Charges.

A Revenue Requirement Work Form (RRWF) incorporating all terms that have been agreed to is filed with the Settlement Proposal. Through the settlement process, ORPC has agreed to certain adjustments to its original 2022 Application. The changes are described in the following sections.

ORPC has provided the following tables summarizing the Application highlighting the changes to its Rate Base and Capital, Operating Expenses, and Revenue Requirement from ORPC's Application as filed as a result of interrogatories and this Settlement Proposal.

Table 1- 2022 Revenue Requirement

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Long Term Debt	2.73%	3.49%	0.76%	3.49%	0.00%
Short Term Debt	1.75%	1.17%	-0.58%	1.17%	0.00%
Return on Equity	8.34%	8.66%	0.32%	8.66%	0.00%
Regulated Rate of Return	**4.93%**	**5.47%**	**0.54%**	**5.47%**	0.00%
Controllable Expenses	$3,708,394	3,708,394	0	3,623,394	-85,000
Power Supply Expense	$19,698,362	19,698,362	0	20,167,080	468,718
Total Eligible Distribution Expenses	$23,406,757	23,406,757	0	23,790,474	383,718
Working Capital Allowance Rate	7.50%	7.50%	0.00%	7.50%	0
Total Working Capital Allowance ("WCA")	**$1,755,507**	**1,755,507**	**0**	**1,784,286**	28,779
Gross Fixed Assets	$19,205,663	19,205,663	0	18,926,106	-279,557
Accumulated Depreciation	-$7,678,773	-7,678,773	0	-7,675,477	3,296
Net Fixed Assets (avg)	$11,526,890	11,526,890	0	11,250,628	-276,261
Working Capital Allowance	$1,755,507	1,755,507	0	1,784,286	28,779
Rate Base	**$13,282,397**	**13,282,397**	**0**	**13,034,914**	-247,482
Regulated Rate of Return	**4.93%**	**5.47%**	**0.53%**	**5.47%**	0
Regulated Return on Capital	655,460	725,910	70,450	712,384	-13,525
OM&A Expenses	3,708,394	3,708,394	0	3,623,394	-85,000
Depreciation Expense	957,283	957,283	0	950,237	-7,046
PILs	0	27,761	27,761	16,204	-11,557
Revenue Offset	-365,681	-365,681	0	-339,757	25,924
Revenue Requirement	**4,955,456**	**5,053,666**	**98,211**	**4,962,462**	**-91,204**
Gross Revenue Deficiency/Sufficiency	**101,962**	**191,807**	**89,845**	**78,446**	**-113,361**

Table 2 below is provided to show the revised calculation of Gross Revenue Deficiency/ (Sufficiency) from the Revenue Requirement Work Form.

Table 2- 2022 Revenue Deficiency (At Current Approved Rates)

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Revenue Deficiency from Below	$101,962	$191,807	$89,845	$78,446	-$113,361
Distribution Revenue	$4,853,494	$4,861,859	$8,365	$4,884,016	$22,157
Other Operating Revenue Offsets - net	$365,681	$365,681	$0	$339,757	-$25,924
Total Revenue	**$5,321,137**	**$5,419,347**	**$98,211**	**$5,302,219**	**-$117,128**
	$0		$0	0	
Operating Expenses	$4,665,677	$4,665,677	$0	$4,573,631	-$92,046
Deemed Interest Expense	$212,359	$265,807	$53,448	$260,855	-$4,953
Total Cost and Expenses	**$4,878,036**	**$4,931,484**	**$53,448**	**$4,834,486**	**-$96,998**
			$0	0	
Utility Income Before Income Taxes	**$443,101**	**$487,863**	**$44,762**	**$467,733**	**-$20,130**
	$0		$0	0	
Tax Adjustments to Accounting Income per 2013 PILs model	**-$454,628**	**-$359,267**	$95,361	**-$390,128**	-$30,861
Taxable Income	**-$11,527**	**$128,596**	**$140,123**	**$77,605**	**-$50,990**
				0	
Income Tax Rate	$0	21.59%	$0	20.88%	-$0
Income Tax on Taxable Income	$0	$27,761	$27,761	$16,204	-$11,557
Income Tax Credits	$0	$0	$0	$0	$0
Utility Net Income	$443,101	$460,102	$17,001	$451,529	-$8,573
	$0			0	
Utility Rate Base	**$13,282,397**	**$13,282,397**	**$0**	**$13,034,914**	**-$247,482**
				0	
Deemed Equity Portion of Rate Base	$5,312,959	$5,312,959	$0	$5,213,966	-$98,993
				0	
Income/(Equity Portion of Rate Base)	8.34%	8.66%	0.32%	8.66%	0.00%
Target Return - Equity on Rate Base	8.34%	8.66%	0.32%	8.66%	0.00%
Deficiency/Sufficiency in Return on Equity	0.00%	0.00%	0.00%	0.00%	0.00%
				0	
Indicated Rate of Return	4.93%	5.47%	0.53%	5.47%	0.00%
Requested Rate of Return on Rate Base	4.93%	5.47%	0.53%	5.47%	0.00%
Deficiency/Sufficiency in Rate of Return	0.00%	0.00%	0.00%	0.00%	0.00%
				0	
Target Return on Equity	$443,101	$460,102	$17,001	$451,529	-$8,573
Gross Revenue Deficiency/(Sufficiency)	**$101,962**	**$191,807**	**$89,845**	**$78,446**	**-$113,361**

Based on the foregoing, and the evidence and rationale provided below, the Parties accept this Settlement Proposal as appropriate and recommend its acceptance by the OEB. Table 3 below illustrates the updated bill impacts that would result from the acceptance of this Settlement Proposal.

Table 3- Bill impact Summary

RATE CLASSES / CATEGORIES *(e.g.: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE - RPP	kWh	-$1.71	-6.7%	-$1.41	-4.5%	-$0.20	-0.5%	-$0.20	-0.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE - RPP	kWh	$8.66	16.6%	$3.25	4.9%	$6.29	7.2%	$6.00	2.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE - Non-RPP (Other)	kW	-$36.21	-7.6%	-$79.29	-14.3%	-$19.64	-2.1%	-$35.26	-0.9%
SENTINEL LIGHTING SERVICE - Non-RPP (Other)	kW	$2.12	16.5%	-$0.19	-1.3%	$0.27	1.5%	$0.25	0.9%
STREET LIGHTING SERVICE - Non-RPP (Other)	kW	$58.34	1.6%	-$582.76	-15.3%	-$503.67	-11.6%	-$578.38	-8.3%
UNMETERED SCATTERED LOAD SERVICE - RPP	kWh	$25.15	118.5%	$20.03	49.0%	$24.10	35.5%	$23.09	6.5%
RESIDENTIAL SERVICE - Non-RPP (Retailer)	kWh	-$1.71	-6.7%	-$1.42	-4.5%	-$0.21	-0.5%	-$0.21	-0.2%
RESIDENTIAL SERVICE - RPP	kWh	-$1.85	-7.3%	-$1.73	-6.2%	-$1.28	-4.1%	-$1.23	-2.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE - Non-RPP (Other)	kW	-$36.21	-7.6%	-$79.29	-14.3%	-$79.29	-14.3%	-$167.07	-0.9%

RRF OUTCOMES

The Parties accept that the Applicant is in compliance with the OEB's required outcomes as defined by the Renewed Regulatory Framework (RRF). Subject to the adjustments noted in this Settlement Proposal, the Parties accept that ORPC's proposed rates in the 2022 Test Year will, in all reasonably foreseeable circumstances, allow the Applicant to meet its obligations to its customers while maintaining its financial viability.

1.0 PLANNING

1.1 CAPITAL

Is the level of planned capital expenditure appropriate and is the rationale for planning and pacing choices appropriate and adequately explained, giving due consideration to:

- Customer feedback and preferences
- Productivity
- Benchmarking of costs
- Reliability and service quality
- Impact on distribution rates
- Trade-offs with OM&A spending
- Government-mandated obligations
- The objectives of Ottawa River Power and its customers
- The distribution system plan
- The business plan

Full Settlement

For the purpose of settlement, the Parties have agreed to the following rate base related adjustments:

a) The Parties have agreed to an update to the 2022 opening rate base amount reflecting the updated forecast in service additions provided by ORPC in interrogatory 2-Staff-10, an increase of $20,443 from the original estimate of 2021 closing rate base.

b) In order to smooth out the impact of test year capital spending on rate payers, the Parties agreed, for the purpose of calculating rates for the 2022 test year, to a reduction in the test year net in service additions of $600,000, reducing the forecast net service additions from $1,901,689 to $1,301,689. The Parties note that, notionally, the reduction of $600,000 is in relation to the proposed $750,000 net in service addition amount related to the 2022 transformer project, with $150,000 of the proposed spending to be reflected in the calculation of the test year rate base. The Parties note that the proposed $600,000 reduction in forecast net in-service additions in relation to the Transformer Project is being made only for the purposes of calculating rates for 2022, and that it is recognized that the forecast cost of the project remains $750,000 and that the full cost of the project will be eligible for inclusion in rate base in the normal course and subject to a review of the prudence of the spending on the project as part of ORPC's next rebasing application.

The Parties have further agreed that ORPC will take steps to implement the following 5 recommendations provided in the Reliability Assessment Report (Exhibit 2, Distribution System Plan, Appendix A) and in response to interrogatory 2-VECC-5:

1. Creating a standard Outage Reporting tool;
2. Standardization in reporting;
3. Establish corporate reliability targets;
4. Increased investigation into power outage causes, particularly unknown events and defective equipment; and
5. Documenting improvement in understanding of power outage characteristics, review of major outages and consideration given to design improvements, process and data collection improvement.

Table 4- Fixed Asset Continuity and 2022 Capital Expenditures

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
2021 Fixed Asset Continuity					
Opening	$17,193,601	$17,193,601	$0	$17,193,601	$0
Additions	$1,061,217	$1,061,217	$0	$1,081,660	$20,443
Disposals	$0	$0	$0	$0	$0
Closing	**$18,254,818**	**$18,254,818**	**$0**	**$18,275,261**	**$20,443**
Accumulated Depreciation					
Opening	$6,250,119	$6,250,119	$0	$6,250,119	$0
Additions	$872,625	$872,625	$0	$872,852	$227
Disposals	$0	$0	$0	$0	$0
Closing	**$7,122,744**	**$7,122,744**	**$0**	**$7,122,971**	**$227**
2022 Fixed Asset Continuity					
Opening	$18,254,818	$18,254,818	$0	$18,275,261	$20,443
Additions	$1,901,689	$1,901,689	$0	$1,301,689	-$600,000
Disposals	$0	$0	$0	$0	$0
Closing	**$20,156,508**	**$20,156,508**	**$0**	**$19,576,951**	**-$579,557**
Accumulated Depreciation					
Opening	$7,200,127	$7,200,127	$0	$7,200,354	$227
Additions	$957,283	$957,283	$0	$950,237	-$7,046
Disposals	$0	$0	$0	$0	$0
Closing	**$8,157,410**	**$8,157,410**	**$0**	**$8,150,591**	**-$6,819**
System Access	$409,700	$409,700	$0	$409,700	$0
System Renewal	$1,247,780	$1,247,780	$0	$647,780	-$600,000
System Service	$105,000	$105,000	$0	$105,000	$0
General Plant	$139,210	$139,210	**$0**	$139,210	$0
Total Expenditures	**$1,901,689**	**$1,901,689**	**$0**	**$1,301,689**	**-$600,000**
Total Expenditures	**$1,901,689**	**$1,901,689**	**$0**	**$1,301,689**	**-$600,000**

The Parties accept the evidence of ORPC that the level of planned capital expenditures and the rationale for planning and pacing choices, as adjusted in this Settlement Proposal, are appropriate in order to maintain system reliability, service quality objectives and the reliable and safe operation of the distribution system.

Evidence References

- Exhibit 2 – Rate Base and Distribution System Plan, section 2.6 Capital Expenditures
- Exhibit 2 – Rate Base and Distribution System Plan, Appendix 2A – 2022 Distribution System Plan

IR Responses

1-Staff-3	1-Staff-4	1-Staff-5	1-Staff-7
2-Staff-10	2-Staff-11	2-Staff-13	2-Staff-14
2-Staff-15	2-Staff-16	2-Staff-17	2-Staff-18
2-Staff-19	2-Staff-20	2-Staff-21	2-Staff-22
2-Staff-23	2-Staff-24	1-SEC-3	1-SEC-4
1-SEC-6	2-SEC-7	2-SEC-8	2-SEC-9
2-SEC-10	2-SEC-11	2-SEC-12	2-SEC-13
2-SEC-14	2-SEC-15	2-SEC-16	2-SEC-17
2-SEC-18	2-SEC-19	2-VECC-4	2-VECC-5
2-VECC-6	2-VECC-7	2-Staff-66	2-Staff-67
2-Staff-68	2-Staff-69	2-Staff-70	1-Staff-6
1-SEC-1	1-SEC-2	1-SEC-6	1-VECC-2
1-Staff-65			

Supporting Parties

- SEC
- VECC

Parties Taking No Position

1.2 OM&A

Is the level of planned OM&A expenditures appropriate and is the rationale for planning choices appropriate and adequately explaining, giving due consideration to:

- Customer feedback and preferences
- Productivity
- Benchmarking of costs
- Reliability and service quality
- Impact on distribution rates
- Trade-offs with capital spending
- Government-mandated obligations
- The objectives of Ottawa River Power and its customers
- The distribution system plan
- The business plan

Full Settlement

For the purposes of the Settlement Proposal, the Parties have agreed to a reduction of $85,000 from ORPC's forecast 2022 OM&A spending, reducing ORPC's forecast 2022 OM&A spending from $3,708,394 to $3,623,394. The Parties note that the proposed OM&A budget represents an annual average compound increase in ORPC's OM&A of 2.83% per year from ORPC's 2016 OEB Approved OM&A budget to the proposed 2022 OM&A budget in this Settlement Proposal, which the Parties believe represents a reasonable increase in the context of the inflationary and other pressures on ORPC over that period.

Table 5- 2022 Test Year OM&A Expenses

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Operations	$901,091	$901,091	$0	$872,757	-$28,333
Maintenance	$576,747	$576,747	$0	$576,747	$0
Billing and collecting	$962,860	$962,860	$0	$934,527	-$28,333
Community Relations	$42,318	$42,318	$0	$42,318	$0
Administration & General +LEAP	$1,225,378	$1,225,378	$0	$1,197,045	-$28,333
Total	**$3,708,394**	**$3,708,394**	**$0**	**$3,623,394**	**-$85,000**

Evidence References

- Exhibit 4 – Operating Expenses, section 4.1 Overview
- Exhibit 4 – Operating Expenses, section 4.2 Summary & Cost Driver Tables
- Exhibit 4 – Operating Expenses, section 4.3 Program Delivery Costs with Variance Analysis

- Exhibit 4 – Operating Expenses, section 4.4 Workforce Planning

IR Responses

4-Staff-32	4-Staff-33	4-Staff-34	4-Staff-35
4-Staff-36	4-Staff-37	4-Staff-38	4-Staff-39
4-Staff-43	4-Staff-44	4-SEC-21	4-SEC-22
4-SEC-23	4-SEC-24	4-SEC-25	4-SEC-26
4-SEC-27	4-VECC-17	4-VECC-18	4-VECC-19
4-VECC-20	4-VECC-21	4-VECC-22	4-VECC-23
4-VECC-24	4-Staff-72	4-Staff-30	4-Staff-31
1-VECC-1			

Supporting Parties

- SEC
- VECC

Parties Taking No Position

2.0 REVENUE REQUIREMENT

2.1 Are all elements of the revenue requirement reasonable, and have they been appropriately determined in accordance with OEB policies and practices?

Full Settlement

The Parties agree that the methodology used by ORPC to calculate the Revenue Requirement is appropriate.

A summary of the adjusted Revenue Requirement of $4,962,462 reflecting adjustments and settled issues in accordance with the above is presented in Table 6 – 2022 Revenue Requirement Summary including but not limited to the reduction of $85,000 in OM&A expenses, the reduction of amortization due to a decrease of $600,000 in capital expenses, updated cost of capital parameters and the resulting impacts to Income Taxes.

Table 6- 2022 Revenue Requirement Summary

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
OM&A Expenses	$3,708,394	$3,708,394	$0	$3,623,394	-$85,000
Amortization/Depreciation	$957,283	$957,283	$0	$950,237	-$7,046
Property Taxes					
Capital Taxes					
Income Taxes (Grossed up)	$0	$27,761	$27,761	$16,204	-$11,557
Other Expenses					
Return					
Deemed Interest Expense	$212,359	$265,807	$53,448	$260,855	-$4,953
Return on Deemed Equity	$443,101	$460,102	$17,001	$451,529	-$8,573
Service Revenue Requirement (before Revenues)	$5,321,137	$5,419,347	$98,211	$5,302,219	-$117,128
Revenue Offsets	-$365,681	-$365,681	$0	-$339,757	$25,924
Base Revenue Requirement	$4,955,456	$5,053,666	$98,211	$4,962,462	-$91,204
Gross Revenue Deficiency/Sufficiency	$101,962	$191,807	$89,845	$78,446	-$113,361

An updated Revenue Requirement Work Form has been filed through the OEB's e-filing service.

Evidence References

- Exhibit 6 – Revenue Requirement, section 6.1 - Calculation of Revenue Requirement
- Exhibit 6 – Revenue Requirement, section 6.2 - Revenue Deficiency or Surplus

IR Responses

1-Staff-1	1-Staff-2	1-Staff-9	6-VECC-26

Supporting Parties

- SEC
- VECC

Parties Taking No Position

2.1.1 Rate Base

Full Settlement

The Parties accept the evidence of ORPC that the rate base calculations have been appropriately determined in accordance with OEB policies and practices and accurately reflect the net impact of a) the increase in opening rate base of $20,443 as described under issue 1.1, b) the decrease in test year capital additions of $600,000 after accounting for the impact of the half year rule, and c) the reduction in OM&A of $85,000 to the extent it impacts the calculation of working capital.

Table 7- 2022 Rate Base

Particulars	**Application Sept 30 2021**	**IRR June 15 2020**	**Variance over Original Filing**	**Settlement Proposal February 18 2022**	**Variance over IRs**
Gross Fixed Assets	$19,205,663	$19,205,663	$0	$18,926,106	-$279,557
Accumulated Depreciation	-$7,678,773	-$7,678,773	$0	-$7,675,477	$3,296
Net Fixed Assets (avg)	$11,526,890	$11,526,890	$0	$11,250,628	-$276,261
Allowance for Working Capital	$1,755,507	$1,755,507	$0	$1,784,286	$28,779
Total Rate Base	**$13,282,397**	**$13,282,397**	**$0**	**$13,034,914**	**-$247,482**
Controllable Expenses	$3,708,394	$3,708,394	$0	$3,623,394	-$85,000
Cost of Power	$19,698,362	$19,698,362	$0	$20,167,080	$468,718
Working Capital Base	$23,406,757	$23,406,757	$0	$23,790,474	$383,718
Working Capital Rate %	7.50%	7.50%	$0	7.50%	0.00%
Working Capital Allowance	$1,755,507	$1,755,507	$0	$1,784,286	$28,779

Evidence References

- Exhibit 2 – Rate Base, section 2.1 Overview of Rate Base
- Exhibit 2 – Rate Base, section 2.2 Gross Assets
- Exhibit 2 – Rate Base, section 2.4 Allowance for Working Capital
- Exhibit 2 – Rate Base, section 2.6 Capital Expenditures
- Exhibit 2 – Rate Base, Appendix 2A – Distribution System Plan

IR Responses

None

Supporting Parties

- SEC
- VECC

Parties Taking No Position

2.1.2 Utility Income

Full Settlement

The Parties accept that the forecast utility income in the amount of $451,532 has been calculatedly properly.

Table 8- 2022 Utility Income

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Revenue Deficiency from Below	$101,962	$191,807	$89,845	$69,237	-$122,570
Distribution Revenue	$4,853,494	$4,861,859	$8,365	$4,893,228	$31,369
Other Operating Revenue Offsets - net	$365,681	$365,681	$0	$339,757	-$25,924
Total Revenue	**$5,321,137**	**$5,419,347**	**$98,211**	**$5,302,222**	**-$117,125**
	$0		$0	0	
Operating Expenses	$4,665,677	$4,665,677	$0	$4,573,631	-$92,046
Deemed Interest Expense	$212,359	$265,807	$53,448	$260,855	-$4,953
Total Cost and Expenses	**$4,878,036**	**$4,931,484**	**$53,448**	**$4,834,486**	**-$96,998**
			$0	0	
Utility Income Before Income Taxes	**$443,101**	**$487,863**	**$44,762**	**$467,736**	**-$20,127**
	$0		$0	0	
Tax Adjustments to Accounting Income per 2013 PILs model	**-$454,628**	**-$359,267**	$95,361	**-$390,128**	-$30,861
Taxable Income	**-$11,527**	**$128,596**	**$140,123**	**$77,608**	**-$50,988**
				0	
Income Tax Rate	$0	21.59%	$0	20.88%	-$0
Income Tax on Taxable Income	$0	$27,761	$27,761	$16,204	-$11,556
Income Tax Credits	$0	$0	$0	$0	$0
Utility Net Income	$443,101	$460,102	$17,001	$451,529	-$8,570

Evidence References

- Exhibit 2 – Rate Base and Distribution System Plan, section 2.2 Gross Assets
- Exhibit 2 – Rate Base and Distribution System Plan, section 2.3 Depreciation, Amortization and Depletion

IR Responses

None

Supporting Parties

- SEC
- VECC

Parties Taking No Position

2.1.3 Taxes/PILs

The Parties agree that the Test Year PILs has been appropriately calculated, including the recognition of accelerated CCA in the Test Year, as updated in clarification question Supplemental 4-Staff-73.

A summary of the updated PILs calculation is presented in Table 9 below.

Table 9- 2022 Income Taxes

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Income Taxes (Grossed up)	$0	$27,761	$27,761	$16,204	-$11,557

An updated Income Tax/PILs Model has been submitted in Live Excel format as part of this Settlement Proposal.

Evidence References

- Exhibit 4 – Operating Expenses, section 4.9 Taxes and Payments in Lieu of Taxes (PILs)
- Exhibit 4 – Operating Expenses, section 4.11 PILs Integrity Check

IR Responses

4-Staff-45 4-Staff-46 4-Staff-47 4-Staff-73

Supporting Parties

- SEC
- VECC

Parties Taking No Position

2.1.4 Capitalization/Cost of Capital

Full Settlement

The Parties agree to ORPC's proposed cost of capital parameters as reflected in the calculation below. The Parties note that the proposed cost of capital parameters reflect the OEB's deemed Long Term Debt, Short Term Debt, and Return on Equity for 2022 Cost of Service Applications as applicable.

Table 10- 2022 Cost of Capital Calculation

Particulars	Application Sept 30 2021	Application Sept 30 2021	IRs Dec 12, 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Settlement Proposal Feb 25, 2022	Variance over IRs
Debt								
Long-term Debt	2.73%	$203,061	3.49%	$259,591	$56,530	3.49%	$254,754	-$4,837
Short-term Debt	1.75%	$9,298	1.17%	$6,216	-$3,082	1.17%	$6,100	-$116
Total Debt		$212,359		$265,807	$53,448		$260,855	-$4,953
Equity								
Common Equity	8.34%	$443,101	8.66%	$460,102	$17,001	8.66%	$451,529	-$8,573
Preferred Shares	0.00%	$0	0.00%	$0	$0	0.00%	$0	$0
Total Equity	8.66%	$443,101	8.66%	$460,102	$17,001		$451,529	-$8,573
Total	4.93%	$655,460	5.47%	$725,910	$70,450	5.47%	$712,384	-$13,525

Evidence References

- Exhibit 5 – Cost of Capital, section 5.1 Capital Structure
- Exhibit 5 – Cost of Capital, section 5.4 Cost of Capital

IR Responses

5-Staff-48 5-VECC-25

Supporting Parties

- SEC
- VECC

Parties Taking No Position

2.2 Has the revenue requirement been accurately determined based on these elements?

Full Settlement

The Parties accept the evidence of ORPC that the proposed Base Distribution Revenue Requirement has been determined accurately. The Parties note that ORPC has, as part of the Settlement Proposal, updated the forecast revenue offsets to reflect the OEB's approved 2022 pole attachment rate, resulting in a reduced forecast revenue from pole attachments in 2022 and consequential reduction in Revenue Offsets.

Table 11- 2022 Revenue Requirement

	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
OM&A Expenses	$3,708,394	$3,708,394	$0	$3,623,394	-$85,000
Amortization/Depreciation	$957,283	$957,283	$0	$950,237	-$7,046
Income Taxes (Grossed up)	$0	$27,761	$27,761	$16,204	-$11,557
Other Expenses					
Return					
Deemed Interest Expense	$212,359	$265,807	$53,448	$260,855	-$4,953
Return on Deemed Equity	$443,101	$460,102	$17,001	$451,529	-$8,573
Service Revenue Requirement (before Revenues)	$5,321,137	$5,419,347	$98,211	$5,302,219	-$117,128
Revenue Offsets	-$365,681	-$365,681	$0	-$339,757	$25,924
Base Revenue Requirement	$4,955,456	$5,053,666	$98,211	$4,962,462	-$91,204
Gross Revenue Deficiency/Sufficiency	$101,962	$191,807	$89,845	$78,446	-$113,361

Evidence References

- Exhibit 6 – Revenue Requirement, section 6.1 Calculation of Revenue Requirement
- Exhibit 6 – Revenue Requirement, section 6.2 Revenue Deficiency or Surplus

IR Responses

6-VECC-26

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.0 LOAD FORECAST, COST ALLOCATION, AND RATE DESIGN

3.1 Are the proposed load and customer forecast, loss factors, and resulting billing determinants appropriate and, to the extent applicable, are they an appropriate reflection of the energy and demand requirements of ORPC's customers?

Full Settlement

The Parties accept the evidence of ORPC that the load forecast and customer forecast are appropriate, subject to the following adjustments:

a) The wholesale load forecast has been adjusted to include a COVID flag variable for March to May 2020 to adjust for the impact of COVID in 2020, as reflected in the load forecast provided in clarification question VECC-39, and

b) The load forecast has been allocated to the rate classes based on the average load per class using the years 2014 to 2019, with the year 2020 excluded in order to adjust for the impact of COVID on the result.

The resulting billing determinants are presented in Table 12 below.

Table 12- 2022 Test Year Billing Determinants

Particulars	**Determinant**	**Application Sept 30 2021**	**IRs Dec 12, 2021**	**Variance over Original Filing**	**Settlement Proposal Feb 25, 2022**	**Variance over IRs**
		kWh	kWh	kWh	kWh	kWh
Residential	kWh	80,356,209	80,356,209	0	79,466,998	-889,211
GS<50 kW	kWh	29,645,117	29,645,117	0	30,190,015	544,898
GS 50 to 4999 kW	kW	70,993,966	70,993,966	0	71,904,756	910,790
Sentinel Lighting	kW	194,767	194,767	0	195,500	733
Street Lighting	kW	1,080,789	1,080,789		1,105,631	24,842
Unmetered Scattered Load	kWh	606,879	606,879	0	609,268	2,389
Total		**182,877,727**	**182,877,727**	**0**	**183,472,167**	**594,441**
		kW	kW	kW	kW	kW
Residential	kWh	0	0	0	0	0
GS<50 kW	kWh	0	0	0	0	0
GS 50 to 4999 kW	kW	219,807	219,807	0	219,896	90
Sentinel Lighting	kW	495	495	0	492	-3
Street Lighting	kW	3,027	3,027		3,103	
Unmetered Scattered Load	kWh	0	0	0	0	0
Total		**223,329**	**223,329**	**0**	**223,491**	**163**

An updated copy of ORPC's Load Forecast Model has been submitted in Excel format as part of this Settlement.

Evidence References

- Exhibit 3 – Revenues, section 3.1 Load and Revenue Forecast
- Exhibit 3 – Revenues, section 3.2 Impact and Persistence from Historical CDM Programs
- Exhibit 3 – Revenues, section 3.3 Accuracy of Load Forecast Variance Analysis
- Exhibit 4 – Operating Expenses, section 4.12 Conservation and Demand Management
- Exhibit 7 – Cost Allocation, section 7.1 Cost Allocation Study Requirements
- Exhibit 7 – Cost Allocation, section 7.2 Proposed Cost Allocation Study 2022
- Exhibit 7 – Cost Allocation, section 7.3 Class Revenue Requirements
- Exhibit 7 – Cost Allocation, section 7.4 Revenue to Cost Ratios
- Exhibit 8 – Rate Design, section 8.1 Rate Design

IR Responses

7-Staff-49	7-Staff-50	7-Staff-52	7-Staff-53
7-SEC-28	7-VECC-27	7-VECC-28	7-VECC-29
3-VECC-37	7-VECC-41		

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.1.1 Customer/Connection Forecast

Full Settlement

The Parties have agreed to the forecast of customers/connections set out in Table 13 below.

Table 13- Summary of 2022 Lost Forecast Customer Counts/Connections

Particulars	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Residential	10,191	10,191	0	10,191	0
GS<50 kW	1,264	1,264	0	1,264	0
GS 50 to 4999 kW	151	151	0	151	0
Sentinel Lighting	166	166	0	166	0
Street Lighting	2,949	2,949	0	2,949	0
Unmetered Scattered Load	19	19	0	19	0
Total	14,741	14,741	0	14,741	0

Evidence References

- Exhibit 3 – Revenues, section 3.1 Load and Revenue Forecast
- Exhibit 3 – Revenues, section 3.3 Accuracy of Load Forecast Variance Analysis

IR Responses

3-Staff-27 3-VECC-9 3-VECC-15 3-VECC-34

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.1.2 Load Forecast

Full Settlement

The Parties agree to ORPC's Load Forecast Model results as detailed in Table 14 below.

Table 14- Summary of 2022 Load Forecast Billed kWh

Particulars	**Determinant**	**Application Sept 30 2021**	**IRs Dec 12, 2021**	**Variance over Original Filing**	**Settlement Proposal Feb 25, 2022**	**Variance over IRs**
		kWh	kWh	kWh	kWh	kWh
Residential	kWh	80,356,209	80,356,209	0	79,466,998	-889,211
GS<50 kW	kWh	29,645,117	29,645,117	0	30,190,015	544,898
GS 50 to 4999 kW	kW	70,993,966	70,993,966	0	71,904,756	910,790
Sentinel Lighting	kW	194,767	194,767	0	195,500	733
Street Lighting	kW	1,080,789	1,080,789		1,105,631	24,842
Unmetered Scattered Load	kWh	606,879	606,879	0	609,268	2,389
Total		**182,877,727**	**182,877,727**	**0**	**183,472,167**	**594,441**
		kW	kW	kW	kW	kW
Residential	kWh	0	0	0	0	0
GS<50 kW	kWh	0	0	0	0	0
GS 50 to 4999 kW	kW	219,807	219,807	0	219,896	90
Sentinel Lighting	kW	495	495	0	492	-3
Street Lighting	kW	3,027	3,027		3,103	
Unmetered Scattered Load	kWh	0	0	0	0	0
Total		**223,329**	**223,329**	**0**	**223,491**	**163**

Evidence References

- Exhibit 3 – Revenues, section 3.1 Load and Revenue Forecast
- Exhibit 3 – Revenues, section 3.3 Accuracy of Load Forecast Variance Analysis

IR Responses

3-Staff-25	3-Staff-26	3-Staff-28	3-Staff-29
3-SEC-20	3-VECC-8	3-VECC-10	3-VECC-11
3-VECC-12	3-VECC-13	3-VECC-14	3-VECC-16
3-VECC-35	3-VECC-36	3-VECC-39	3-VECC-40
4-Staff-40	4-Staff-41	4-Staff-42	4-Staff-71

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.1.3 Loss Factors

Full Settlement

The Parties agree to ORPC's proposed loss factors as applied for and set out in Table 15 below.

Table 15- 2022 Loss Factors

Particulars	Application Sept 30 2021	IRs Dec 12, 2021	Variance over Original Filing	Settlement Proposal Feb 25, 2022	Variance over IRs
Loss Factor in Distributor's system = C / F	1.0386	1.0386	0.0000	1.0386	0.0000
Losses Upstream of Distributor's System					
Supply Facilities Loss Factor	1.0024	1.0024	0.0000	1.0024	0.0000
Total Losses					
Total Loss Factor = G x H	1.0410	1.0410	0.0000	1.0410	0.0000

Evidence References

- Exhibit 8 – Rate Design, section 8.1.13 Loss Adjustment Factors

IR Responses

8-Staff-57 8-VECC-37 8-VECC-38

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.2 Are the proposed cost allocation methodology, allocations, and revenue-to-cost ratios, appropriate?

Full Settlement

The Parties agree to make the following adjustments to ORPC's proposed cost allocation methodology, allocations, and revenue-to-cost ratios:

a) The cost allocation methodology has been updated to reflect the proposed adjustments in clarification question VECC-41, which include an update of the billing and collecting weighting factors as agreed upon and presented in ORPC's response to 7-VECC-29 b) and the customer count values used for the USL and GS>50 classes.).

b) The status quo revenue to cost ratios resulting from the updated cost allocation model have been adjusted to bring the GS 50-4999 and the USL classes within the OEB prescribed ranges. R/C ratios for the GS 50-4999 class was moved down to a ratio of 1.2 and the USL class was initially adjusted upwards to the 0.8 bottom range. The USL, Sentinel and Residential classes were then adjusted upwards starting with the class furthest below 1.0 until it matches the ratio of the class second furthest below 1.0, then those two classes in tandem.

The resulting revenue to cost ratios based on the updated cost allocation model run are provided in Table 16 below.

Table 16- Summary of 2022 Revenue-to-Cost Ratios

Particulars	Application Sept 30 2021			IRs Dec 12, 2021			Settlement Proposal Feb 25, 2022		
Customer Class Name	Calculated R/C Ratio	Proposed R/C Ratio	Variance	Calculated R/C Ratio	Proposed R/C Ratio	Variance	Calculated R/C Ratio	Proposed R/C Ratio	Variance
Residential	0.89	0.93	-0.04	0.93	0.95	-0.01	0.93	0.95	-0.02
GS<50 kW	0.94	0.94	0.00	1.01	1.01	0.00	1.00	1.00	0.00
GS 50 to 4999 kW	1.76	1.50	0.26	1.26	1.20	0.06	1.30	1.20	0.10
Sentinel Lighting	0.79	0.80	-0.01	0.84	0.95	-0.11	0.81	0.95	-0.14
Street Lighting	1.30	1.20	0.10	1.21	1.20	0.01	1.17	1.17	0.00
Unmetered Scattered Load	0.61	0.80	-0.19	0.66	0.95	-0.29	0.46	0.95	-0.49

Evidence References

- Exhibit 7 – Cost Allocation, section 7.3 Class Revenue Requirements
- Exhibit 7 – Cost Allocation, section 7.4 Revenue-to-Cost Ratios

IR Responses

7-Staff-51 7-VECC-30

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.3 Are Ottawa River Power's proposals, including the proposed fixed/variable splits, for rate design appropriate?

Full Settlement

The Parties have agreed that ORPC's proposed rate design, including the proposed fixed/variable splits and the proposal to maintain the status quo fixed charges for the general service rate classes are appropriate.

Table 17- 2022 Distribution Rates

Particulars		**Application Sept 30 2021**	**Application Sept 30 2021**	**IRs Dec 12, 2021**	**IRs Dec 12, 2021**	**Settlement Proposal Feb 25, 2022**	**Settlement Proposal Feb 25, 2022**
Customer Class Name	**per**	**Fixed Rate**	**Variable Rate**	**Fixed Rate**	**Variable Rate**	**Fixed Rate**	**Variable Rate**
Residential	kWh	$26.32	$0.0000	$25.94	$0.0000	$25.57	$0.0000
GS<50 kW	kWh	$23.74	$0.0139	$23.74	$0.0144	$23.74	$0.0140
GS 50 to 4999 kW	kW	$89.34	$3.0997	$89.34	$3.6198	$89.34	$3.4192
Sentinel Lighting	kW	$3.20	$9.8896	$3.68	$11.3715	$3.74	$11.5335
Street Lighting	kW	$2.34	$12.8171	$2.58	$14.1675	$2.55	$13.9936
Unmetered Scattered Load	kWh	$13.02	$0.0060	$13.30	$0.0070	$24.58	$0.0083

Evidence References

- Exhibit 8 – Rate Design, section 8.1 Rate Design

IR Responses

8-Staff-54 8-VECC-32

Supporting Parties

- SEC
- VECC

Parties Taking No Position

None

3.4 Are the proposed Retail Transmission Service Rates and Low Voltage Charges appropriate?

Full Settlement

The Parties have agreed to the RTSR rates and low voltage rates as presented in Table 18 and Table 19. The Parties note that the updated 2022 UTRs and the Hydro One RTSRs have been used in the determination of the RTSRs and that those updated rates are the cause of the increase in the proposed RTSRs relative to the application. Low voltage rates were calculated based on a non-loss adjusted consumption. ORPC notes that the pass-through low voltage charges included in the Cost of Power were also determined using a non-loss adjusted consumption.

Table 18- 2022 RTSR Network and Connection Rates Charges

Transmission - Network	**Application Sept 30 2021**	**Application Sept 30 2021**	**IRs Dec 12, 2021**	**IRs Dec 12, 2021**	**Settlement Proposal Feb 25, 2022**	**Settlement Proposal Feb 25, 2022**
Class Name	**Rate**	**Impact on CoP**	**Rate**	**Impact on CoP**	**Rate**	**Impact on CoP**
Residential	0.0058	$486,958	0.0058	$486,958	0.0072	598,540
GS<50 kW	0.0051	$158,690	0.0051	$158,690	0.0064	200,860
GS 50 to 4999 kW	2.1475	$472,033	2.1475	$472,033	2.6691	586,927
Sentinel Lighting	1.6276	$805	1.6276	$805	2.0229	995
Street Lighting	1.6195	$4,902	1.6195	$4,902	2.0129	6,246
Unmetered Scattered Load	0.0051	$3,249	0.0051	$3,249	0.0064	4,054
		$1,126,637		**$1,126,637**		**1,397,622**
Transmission - Connection						
Class Name	**Rate**	**Impact on CoP**	**Rate**	**Impact on CoP**	**Rate**	**Impact on CoP**
Residential	0.0051	$424,925	0.0051	$424,925	0.0053	441,229
GS<50 kW	0.0045	$137,952	0.0045	$137,952	0.0047	147,511
GS 50 to 4999 kW	1.8007	$395,806	1.8007	$395,806	1.8907	415,760
Sentinel Lighting	1.4216	$704	1.4216	$704	1.4926	734
Street Lighting	1.3922	$4,214	1.3922	$4,214	1.4618	4,536
Unmetered Scattered Load	0.0045	$2,824	0.0045	$2,824	0.0047	2,977
		$966,425		**$966,425**		**1,012,747**

Table 19- 2022 Low Voltage Rates

Customer		**2022**		
Class Name		Volume	Rate	Amount
Residential	kWh	79,466,998	$0.0027	$212,417
GS<50 kW	kWh	30,190,015	$0.0024	$71,015
GS 50 to 4999 kW	kW	219,896	$0.9102	$200,156
Sentinel Lighting	kW	492	$0.7186	$353
Street Lighting	kW	3,103	$0.7037	$2,184
Unmetered Scattered Load	kW	609,268	$0.0024	$1,433
TOTAL		**110,489,772**		**$487,559**

Evidence References

- Exhibit 8 – Rate Design, section 8.1.4 Retail Transmission Service Rate (RTSR)
- Exhibit 8 – Rate Design, section 8.1.12 Low Voltage Service Rates

IR Responses

8-Staff-55 8-Staff-56 8-VECC-31 8-VECC-42
8-VECC-33

Supporting Parties

- SEC
- VECC

Parties Taking No Position

3.5 Are the Specific Service Charges, Retail Service Charges, and Pole Attachment Charge appropriate?

Full Settlement

The Parties agree that ORPC's proposed Specific Service Charges, Retail Service Charges and Pole Attachment Charge[1] are appropriate, and properly reflect the OEB's Decision and Order EB-2021-0301 regarding 2022 Retail Services Charges issued on November 25, 2021. The Parties note that the forecast revenue from pole attachments has been updated through the settlement process to reflect the OEB's approved pole attachment rate for the 2022 calendar year and the resulting decrease in pole attachment revenue has been reflected in ORPC's other revenue forecast.

Evidence References

- Exhibit 8 – Rate Design, section 8.1.8 Specific Service Charges
- Exhibit 8 – Rate Design, section 8.1.5 Retail Service Charges

IR Responses

8-VECC-32

Supporting Parties

- SEC
- VECC

Parties Taking No Position

[1] The Pole Attachment Charge reflects the OEB's Decision and Order in EB-2021-0302, dated December 16, 2021.

4.0 ACCOUNTING

4.1 Have all impacts of any changes in accounting standards, policies, estimates, and adjustments been properly identified and recorded, and is the rate-making treatment of each of these impacts appropriate?

Full Settlement

The Parties agree that all impacts of any changes to accounting standards, policies, estimates, and adjustments identified by ORPC in the Application and the interrogatories have been properly identified and recorded, and have been treated appropriately in the rate-making process.

Evidence References

- Exhibit 1 – Administrative Document, section 1.3.13 Changes in Methodologies
- Exhibit 1 – Administrative Document, section 1.3.14 Board Directive from Previous Decisions
- Exhibit 1 – Administrative Document, section 1.3.16 Accounting Standards for Regulatory and Financial Reporting
- Exhibit 1 – Administrative Document, Appendix 1D Reconciliation between Financial Statements and RRR Filings
- Exhibit 9 – Deferral and Variance Accounts, section 9.10.2 Certification of Evidence

IR Responses

None

Supporting Parties

- SEC
- VECC

Parties Taking No Position

4.2 Are Ottawa River Power's proposals for deferral and variance accounts, including the balances in the existing accounts and their disposition, requests for discontinuation of accounts, and the continuation of existing accounts, appropriate?

Full Settlement

The Parties agree that ORPC's proposals for deferral and variance accounts are appropriate, including the proposed disposition of those accounts as shown in Table 20, subject to the following revisions:

a) Account 1592 – PILs and Tax Variances, Sub-account CCA Changes - The Parties have agreed to calculate the amount included in the account to the end of 2020 as described in interrogatory response 9-SEC-30, resulting in a 2019 to 2020 accelerated CCA related claim amount for disposition of $(122,770). The 2021 related amounts will remain in the account to be disposed of in a future proceeding.

b) The Parties have agreed that ORPC will forego disposition of the $135,308 in Account 1555 - Smart Meter Capital and Recovery Offset Variance, Sub-account Stranded Meter Costs in relation to the under recovery of approved amounts mainly from the residential rate class related to stranded meter costs.

c) The Parties have agreed that ORPC will update the balance in Account 1508 – Sub-account Pole Attachment Revenue Variance with respect to changes in the pole attachment rates to a claim amount for disposition of $207,610 by:

   i) Updating the balances for the years to reflect the revenue that would have been collected assuming that ORPC had implemented updated pole attachment rates effective January 1 of each year as directed by the OEB,
   ii) Forecasting the pole attachment revenue to be tracked in the account to the end of December 31, 2021 and dispose of that amount on a final basis as part of this proceeding.

d) The Parties have agreed to the disposition of ORPC's LRAMVA as requested, subject only to the updating of the filed LRAMVA model as reflected in clarification question 2-Staff-71.

e) The Parties have agreed to a true up between the revenue requirement for ORPC's ICM project approved in EB-2018-0063 and the revenue collected by the approved ICM rate rider in EB-2018-0063 on the following basis:

   i) the true-up recognizes that the project was put into service in 2020, rather than 2019 as originally forecast, and recalculates the applicable materiality threshold using the applicable 2020 parameters including using 2020 actual capital spending on a net in-service basis,

ii) the true-up represents the use of the “half-year rule” for the in-service year when calculating the actual revenue requirement for the project, and ignores the impact of accelerated CCA, instead applying prior CCA rules (as the related accelerated CCA impact has already been reflected in account 1592 for the year 2020). Accordingly, the Parties note that the “half year rule” for depreciation in the year the asset is placed in service has been reflected in the calculation of the amount added to rate base for the ICM project,

iii) the true-up recognizes, as recoverable the increased costs of the project relative to the approved amount in EB-2018-0063, for an approved ICM Project cost of $2,059,754 (exclusive of the land purchased for the project at a cost of $88,721).

The net result of all of the above changes is that ORPC owes a credit to ratepayers of $156,421 inclusive of carrying charges relating to the true up between the ICM rate rider revenue collected by ORPC and the actual revenue requirement for the ICM project.

Table 20- DVA Balances for Disposition

Particulars		Allocator	Application Sept 30 2021	IRs Dec 12, 2021	Settlement Proposal Feb 25, 2022
LV Variance Account	1550	kWh	357,212.62	357,212.62	357,212.62
Smart Metering Entity Charge Variance Account	1551	# of Cust.	5,663.01	5,663.01	5,663.01
RSVA - Wholesale Market Service Charge	1580	kWh	-110,173.32	-110,173.32	-110,173.32
RSVA - Retail Transmission Network Charge	1584	kWh	-5,634.99	-5,634.99	-5,634.99
RSVA - Retail Transmission Connection Charge	1586	kWh	19,440.22	19,440.22	19,440.22
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	%	-42,907.35	-178,263.40	-178,263.40
Total Group 1 accounts above (excluding 1589)			**223,600.20**	**88,244.15**	**88,244.15**
Pole Attachment Revenue Variance	1508	Distr.Rev.	-125,053.29	-125,053.29	-207,611.00
Retail Service Charge Incremental Revenue	1508	# of Cust.		-11,204.00	-20,032.00
Repayment/Recovery of ICM funding based on trued-up capital project amounts	1508	kWh			-156,421.00
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account)	1592	kWh	-11,180.72	-11,180.72	-11,180.72
PILs and Tax Variance for 2006 and Subsequent Years- Sub-account CCA Changes	1592	kWh	-87,652.13	-119,254.50	-122,770.00
Total of Account 1592		kWh	-98,832.85	-130,435.22	-133,950.72
LRAM Variance Account (Enter dollar amount for each class)	1568	kWh	177,786.51	177,786.51	177,786.51
Total Balances					
(Account 1568 - total amount allocated to classes)			177,787.00	177,787.00	177,787.00
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)			333,773.52	198,417.00	198,417.00
Total of Account 1580 and 1588 (not allocated to WMPs)			-110,173.32	-110,173.00	-110,173.00
Account 1589 (allocated to non-WMPs)			0.00	0.00	0.00
Balance of Account 1589 allocated to Class a Non-WMP Customers			0.00	0.00	0.00
Group 2 Accounts (including 1592, 1532, 1555)			-223,886.14	-131,337.00	-518,015.00

Evidence References

- Exhibit 9 – Deferral and Variance Accounts, section 9.2 Status and Disposition of Deferral and Variance Accounts
- Exhibit 9 – Deferral and Variance Accounts, section 9.4 Retail Service Charge
- Exhibit 9 – Deferral and Variance Accounts, section 9.7 Disposition of Deferral and Variance Accounts
- Exhibit 9 – Deferral and Variance Accounts, section 9.9 Global Adjustment

IR Responses

9-Staff-58	9-Staff-59	9-Staff-60	9-Staff-61
9-Staff-62	9-Staff-63	9-Staff-64	9-SEC-29

9-SEC-30	9-Staff-75	1-Staff-8	9-Staff-74

Supporting Parties

- SEC
- VECC

Parties Taking No Position

5.0 OTHER

5.1 Is the proposed effective date (i.e. May 1, 2022) for 2022 rates appropriate?

Full Settlement

The Parties agree that ORPC's new rates should be effective on May 1, 2022. The Parties note that, in the event the OEB accepts this Settlement Proposal, ORPC has indicated that it can implement new rates effective May 1, 2022 if it receives an approved Rate Order on or before May 12, 2022. In the event the Settlement Proposal is accepted but an approved Rate Order is not issued in time for May 1, 2022 implementation, the Parties agree that rates should be made interim as of May 1, 2022 and ORPC should be permitted to track foregone revenue from the proposed effective date of May 1, 2022 until rates are implemented.

Evidence References

- Exhibit 1 – Administrative Document, section 1.3.5 Legal Application

IR Responses

1-VECC-3

Supporting Parties

- SEC
- VECC

Parties Taking No Position

5.2 Are the amounts proposed for inclusion in rate base for the incremental Capital Module approved in EB-2018-0063?

Full Settlement

The Parties have agreed that the amounts proposed for inclusion in rate base for the Incremental Capital Module approved in EB-2018-0063 are appropriate. The ICM asset reflects the half-year rule for depreciation in the year the asset was placed in service. While the initial approved ICM revenue requirement was calculated with depreciation on a full year basis, the true up of the ICM revenue against the actual revenue requirement for the ICM project was calculated to simulate a half year of depreciation in the year the project was placed in service.

Evidence References

- Exhibit 2 – Rate Base and Distribution System Plan, section 2.6.7 Addition of ICM Assets to Rate Base

IR Responses

2-Staff-12	2-Staff-24	2-Staff-66	2-Staff-70
1-Staff-66			

Supporting Parties

- SEC
- VECC

Parties Taking No Position

6 ATTACHMENTS

Appendix A	Proposed May 1, 2022 Tariff of Rates and Charges
Appendix B	Bill Impacts
Appendix C	Revenue Requirement Work Form
Appendix D	Accelerated CCA calculation 2019-2020

A Proposed May 1, 2022 Tariff of Rates and Charges

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2022
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Depending upon the location of the building the supply voltage will be one of the following:
- 120/240 volts 1 phase 3 wire
- 120/208 volts 1 phase 3 wire
- 120/208 volts 3 phase 4 wire
- 347/600 volts 3 phase 4 wire

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	25.57
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$	(2.20)
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0027
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kWh	0.0006
Rate Rider for Lost Revenue Adjustment Mechanism - effective until April 30, 2023	$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2022
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GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Depending upon the location of the building the supply voltage will be one of the following:
- 120/240 volts 1 phase 3 wire
- 120/208 volts 1 phase 3 wire
- 120/208 volts 3 phase 4 wire
- 347/600 volts 3 phase 4 wire

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	23.74
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0140
Low Voltage Service Rate	$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kWh	(0.0027)
Rate Rider for Lost Revenue Adjustment Mechanism - effective until April 30, 2023	$/kWh	0.0045
Retail Transmission Rate - Network Service Rate	$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
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Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2022
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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service Customers requiring a connection with a connected load equal to or greater than 50 kW but less than 5,000kW. A General Service building is supplied at one service voltage per land parcel. Depending upon the location of the building the supply voltage will be one of the following:
- 120/240 volts 1 phase 3 wire
- 120/208 volts 3 phase 4 wire
- 347/600 volts 3 phase 4 wire

Depending upon the location of the building, primary supplies to transformers and customer owned Sub-Stations will be one of the following as determined by the Distributor:
- 7,200/12,400 volts 3 phase 4 wire
- 44,000 volts 3 phase 3 wire

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

APPLICATION

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

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

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	89.34

Ottawa River Power Corporation
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Distribution Volumetric Rate	$/kW	3.4192
Low Voltage Service Rate	$/kW	0.9102
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kW	0.1468
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kW	(0.6964)
Rate Rider for Lost Revenue Adjustment Mechanism - effective until April 30, 2023	$/kW	0.0666
Retail Transmission Rate - Network Service Rate	$/kW	2.6691
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8907

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	3.74
Distribution Volumetric Rate	$/kW	11.5335
Low Voltage Service Rate	$/kW	0.7186
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kW	0.0939
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kW	(2.1943)
Rate Rider for Lost Revenue Adjustment Mechanism - effective until April 30, 2023	$/kW	(0.2968)
Retail Transmission Rate - Network Service Rate	$/kW	2.0229
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4926

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ottawa River Power Corporation
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STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. The consumption for these customers will be based on the calculated connected load multiplied by the required lighting times, established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	2.55
Distribution Volumetric Rate	$/kW	13.9936
Low Voltage Service Rate	$/kW	0.7037
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kW	0.0872
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kW	(3.6576)
Retail Transmission Rate - Network Service Rate	$/kW	2.0129
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.4618

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	$	24.58
Distribution Volumetric Rate	$/kWh	0.0083
Low Voltage Service Rate	$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts - effective until April 30, 2023	$/kWh	(0.0021)
Rate Rider for Lost Revenue Adjustment Mechanism - effective until April 30, 2023	$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

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

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2022
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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4.55

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

APPLICATION

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

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

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

Customer Administration

Arrears certificate	$	15.00
Account history	$	15.00
Returned Cheque (plus bank charges)	$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	45.00

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2022

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

Non-Payment of Account (see Note below)

Late Payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Reconnection at meter - during regular hours	$	65.00
Reconnection charge at meter - after hours	$	185.00
Specific charge for access to the power poles - $/pole/year (with the exception of wireless attachments)	$	34.76

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	107.68
Monthly Fixed Charge, per retailer	$	43.08
Monthly Variable Charge, per customer, per retailer	$/cust.	1.07
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.64
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.64)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.54
Processing fee, per request, applied to the requesting party	$	1.07
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	4.31
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	2.15

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.041
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0349

B Bill Impacts

Ontario Energy Board

Tariff Schedule and Bill Impacts Model

(2022 Cost of Service 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 May 2017 of $0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) 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	1.0457	1.0410	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0457	1.0410	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0457	1.0410	21,588	100	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0457	1.0410	100	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0457	1.0410	15,243	175	DEMAND	500
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0457	1.0410	2,690		CONSUMPTION	1
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0457	1.0410	750		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0457	1.0410	283		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0457	1.0410	127,958	100	EMAND - INTERVAL	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
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Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	-$1.71	-6.7%	-$1.41	-4.5%	-$0.20	-0.5%	-$0.20	-0.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$8.66	16.6%	$3.25	4.9%	$6.29	7.2%	$6.00	2.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	-$36.21	-7.6%	-$79.29	-14.3%	-$19.64	-2.1%	-$35.26	-0.9%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$2.12	16.5%	-$0.19	-1.3%	$0.27	1.5%	$0.25	0.9%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$58.34	1.6%	-$582.76	-15.3%	-$503.67	-11.6%	-$578.38	-8.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$25.15	118.5%	$20.03	49.0%	$24.10	35.5%	$23.09	6.5%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	-$1.71	-6.7%	-$1.42	-4.5%	-$0.21	-0.5%	-$0.21	-0.2%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	-$1.85	-7.3%	-$1.73	-6.2%	-$1.28	-4.1%	-$1.23	-2.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	-$36.21	-7.6%	-$79.29	-14.3%	-$79.29	-14.3%	-$167.07	-0.9%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP
Consumption	750 kWh
Demand	- kW
Current Loss Factor	1.0457
Proposed/Approved Loss Factor	1.0410

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 24.63	1	$ 24.63	$ 25.57	1	$ 25.57	$ 0.94	3.82%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ 0.67	1	$ 0.67	$ (2.20)	1	$ (2.20)	$ (2.87)	-428.36%	
Volumetric Rate Riders	$ -	750	$ -	$ 0.0003	750	$ 0.23	$ 0.23		
Sub-Total A (excluding pass through)			**$ 25.30**			**$ 23.60**	**$ (1.71)**	**-6.74%**	
Line Losses on Cost of Power	$ 0.1072	34	$ 3.67	$ 0.1072	31	$ 3.30	$ (0.38)	-10.28%	
Total Deferral/Variance Account Rate Riders	$ 0.0016	750	$ 1.20	$ 0.0006	750	$ 0.45	$ (0.75)	-62.50%	
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0008	750	$ 0.60	$ 0.0027	750	$ 2.03	$ 1.43	237.50%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 31.34**			**$ 29.94**	**$ (1.41)**	**-4.49%**	
RTSR - Network	$ 0.0059	784	$ 4.63	$ 0.0072	781	$ 5.62	$ 0.99	21.49%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 0.0050	784	$ 3.92	$ 0.0053	781	$ 4.14	$ 0.22	5.52%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 39.89**			**$ 39.69**	**$ (0.20)**	**-0.49%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	784	$ 2.67	$ 0.0034	781	$ 2.65	$ (0.01)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	784	$ 0.39	$ 0.0005	781	$ 0.39	$ (0.00)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0850	488	$ 41.44	$ 0.0850	488	$ 41.44	$ -	0.00%	
TOU - Mid Peak	$ 0.1190	128	$ 15.17	$ 0.1190	128	$ 15.17	$ -	0.00%	
TOU - On Peak	$ 0.1760	135	$ 23.76	$ 0.1760	135	$ 23.76	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 123.57**			**$ 123.36**	**$ (0.21)**	**-0.17%**	
HST	13%		$ 16.06	13%		$ 16.04	$ (0.03)	-0.17%	
Ontario Electricity Rebate	17.0%		$ (21.01)	17.0%		$ (20.97)	$ 0.04		
Total Bill on TOU			**$ 118.63**			**$ 118.43**	**$ (0.20)**	**-0.17%**	

Customer Class:	**GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**
RPP / Non-RPP:	RPP
Consumption	**2,000** kWh
Demand	**-** kW
Current Loss Factor	**1.0457**
Proposed/Approved Loss Factor	**1.0410**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 23.74	1	$ 23.74	$ 23.74	1	$ 23.74	$ -	0.00%	
Distribution Volumetric Rate	$ 0.0135	2000	$ 27.00	$ 0.0140	2000	$ 28.00	$ 1.00	3.70%	
Fixed Rate Riders	$ 1.34	1	$ 1.34	$ -	1	$ -	$ (1.34)	-100.00%	
Volumetric Rate Riders	$ -	2000	$ -	$ 0.0045	2000	$ 9.00	$ 9.00		
Sub-Total A (excluding pass through)			**$ 52.08**			**$ 60.74**	**$ 8.66**	**16.63%**	
Line Losses on Cost of Power	$ 0.1072	91	$ 9.79	$ 0.1072	82	$ 8.79	$ (1.01)	-10.28%	
Total Deferral/Variance Account Rate Riders	$ 0.0016	2,000	$ 3.20	$ (0.0023)	2,000	$ (4.60)	$ (7.80)	-243.75%	
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0007	2,000	$ 1.40	$ 0.0024	2,000	$ 4.80	$ 3.40	242.86%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 67.04**			**$ 70.30**	**$ 3.25**	**4.85%**	
RTSR - Network	$ 0.0052	2,091	$ 10.88	$ 0.0064	2,082	$ 13.32	$ 2.45	22.52%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 0.0044	2,091	$ 9.20	$ 0.0047	2,082	$ 9.79	$ 0.58	6.34%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 87.12**			**$ 93.41**	**$ 6.29**	**7.21%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,091	$ 7.11	$ 0.0034	2,082	$ 7.08	$ (0.03)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,091	$ 1.05	$ 0.0005	2,082	$ 1.04	$ (0.00)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0850	1,300	$ 110.50	$ 0.0850	1,300	$ 110.50	$ -	0.00%	
TOU - Mid Peak	$ 0.1190	340	$ 40.46	$ 0.1190	340	$ 40.46	$ -	0.00%	
TOU - On Peak	$ 0.1760	360	$ 63.36	$ 0.1760	360	$ 63.36	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 309.85**			**$ 316.10**	**$ 6.25**	**2.02%**	
HST	13%		$ 40.28	13%		$ 41.09	$ 0.81	2.02%	
Ontario Electricity Rebate	17.0%		$ (52.67)	17.0%		$ (53.74)	$ (1.06)		
Total Bill on TOU			**$ 297.45**			**$ 303.45**	**$ 6.00**	**2.02%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	21,588 kWh
Demand	100 kW
Current Loss Factor	1.0457
Proposed/Approved Loss Factor	1.0410

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 89.34	1	$ 89.34	$ 89.34	1	$ 89.34	$ -	0.00%	
Distribution Volumetric Rate	$ 3.7003	100	$ 370.03	$ 3.4192	100	$ 341.92	$ (28.11)	-7.60%	
Fixed Rate Riders	$ 14.76	1	$ 14.76	$ -	1	$ -	$ (14.76)	-100.00%	
Volumetric Rate Riders	$ -	100	$ -	$ 0.0666	100	$ 6.66	$ 6.66		
Sub-Total A (excluding pass through)			**$ 474.13**			**$ 437.92**	**$ (36.21)**	**-7.64%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 0.5127	100	$ 51.27	$ (0.5496)	100	$ (54.96)	$ (106.23)	-207.20%	
CBR Class B Rate Riders	$ -	100	$ -	$ -	100	$ -	$ -		
GA Rate Riders	$ -	21,588	$ -	$ -	21,588	$ -	$ -		
Low Voltage Service Charge	$ 0.2787	100	$ 27.87	$ 0.9102	100	$ 91.02	$ 63.15	226.59%	
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)			**$ 553.27**			**$ 473.98**	**$ (79.29)**	**-14.33%**	
RTSR - Network	$ 2.1773	100	$ 217.73	$ 2.6691	100	$ 266.91	$ 49.18	22.59%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 1.7860	100	$ 178.60	$ 1.8907	100	$ 189.07	$ 10.47	5.86%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 949.60**			**$ 929.96**	**$ (19.64)**	**-2.07%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	22,575	$ 76.75	$ 0.0034	22,473	$ 76.41	$ (0.34)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	22,575	$ 11.29	$ 0.0005	22,473	$ 11.24	$ (0.05)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	22,575	$ 2,485.46	$ 0.1101	22,473	$ 2,474.29	$ (11.17)	-0.45%	
Total Bill on Average IESO Wholesale Market Price			**$ 3,523.35**			**$ 3,492.14**	**$ (31.21)**	**-0.89%**	
HST	13%		$ 458.04	13%		$ 453.98	$ (4.06)	-0.89%	
Ontario Electricity Rebate	17.0%		$ -	17.0%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 3,981.39**			**$ 3,946.12**	**$ (35.26)**	**-0.89%**	

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	100 kWh
Demand	1 kW
Current Loss Factor	1.0457
Proposed/Approved Loss Factor	1.0410

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**	
Monthly Service Charge	$ 3.11	1	$ 3.11	$ 3.74	1	$ 3.74	$ 0.63	20.26%	
Distribution Volumetric Rate	$ 9.6026	1	$ 9.60	$ 11.5335	1	$ 11.53	$ 1.93	20.11%	
Fixed Rate Riders	$ 0.14	1	$ 0.14	$ -	1	$ -	$ (0.14)	-100.00%	
Volumetric Rate Riders	$ -	1	$ -	$ (0.2968)	1	$ (0.30)	$ (0.30)		
Sub-Total A (excluding pass through)			**$ 12.85**			**$ 14.98**	**$ 2.12**	**16.53%**	
Line Losses on Cost of Power	$ 0.1101	5	$ 0.50	$ 0.1101	4	$ 0.45	$ (0.05)	-10.28%	
Total Deferral/Variance Account Rate Riders	$ 0.6603	1	$ 0.66	$ (2.1004)	1	$ (2.10)	$ (2.76)	-418.10%	
CBR Class B Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
GA Rate Riders	$ -	100	$ -	$ -	100	$ -	$ -		
Low Voltage Service Charge	$ 0.2200	1	$ 0.22	$ 0.7186	1	$ 0.72	$ 0.50	226.64%	
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)			**$ 14.24**			**$ 14.05**	**$ (0.19)**	**-1.33%**	
RTSR - Network	$ 1.6502	1	$ 1.65	$ 2.0229	1	$ 2.02	$ 0.37	22.59%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 1.4099	1	$ 1.41	$ 1.4926	1	$ 1.49	$ 0.08	5.87%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 17.30**			**$ 17.56**	**$ 0.27**	**1.54%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	105	$ 0.36	$ 0.0034	104	$ 0.35	$ (0.00)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	105	$ 0.05	$ 0.0005	104	$ 0.05	$ (0.00)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	100	$ 11.01	$ 0.1101	100	$ 11.01	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 28.96**			**$ 29.23**	**$ 0.26**	**0.91%**	
HST	13%		$ 3.77	13%		$ 3.80	$ 0.03	0.91%	
Ontario Electricity Rebate	17.0%		$ (4.92)	17.0%		$ (4.97)			
Total Bill on Average IESO Wholesale Market Price			**$ 27.81**			**$ 28.06**	**$ 0.25**	**0.91%**	

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	**15,243** kWh
Demand	**175** kW
Current Loss Factor	**1.0457**
Proposed/Approved Loss Factor	**1.0410**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 2.51	500	$ 1,255.00	$ 2.55	500	$ 1,275.00	$ 20.00	1.59%	
Distribution Volumetric Rate	$ 13.7739	175	$ 2,410.43	$ 13.9936	175	$ 2,448.88	$ 38.45	1.60%	
Fixed Rate Riders	$ 0.11	1	$ 0.11	$ -	1	$ -	$ (0.11)	-100.00%	
Volumetric Rate Riders	$ -	175	$ -	$ -	175	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 3,665.54**			**$ 3,723.88**	**$ 58.34**	**1.59%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ 0.5812	175	$ 101.71	$ (3.5704)	175	$ (624.82)	$ (726.53)	-714.32%	
CBR Class B Rate Riders	$ -	175	$ -	$ -	175	$ -	$ -		
GA Rate Riders	$ -	15,243	$ -	$ -	15,243	$ -	$ -		
Low Voltage Service Charge	$ 0.2155	175	$ 37.71	$ 0.7037	175	$ 123.15	$ 85.44	226.54%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		175	$ -	$ -	175	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 3,804.97**			**$ 3,222.21**	**$ (582.76)**	**-15.32%**	
RTSR - Network	$ 1.6420	175	$ 287.35	$ 2.0129	175	$ 352.26	$ 64.91	22.59%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 1.3808	175	$ 241.64	$ 1.4618	175	$ 255.82	$ 14.18	5.87%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 4,333.96**			**$ 3,830.28**	**$ (503.67)**	**-11.62%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	15,940	$ 54.19	$ 0.0034	15,868	$ 53.95	$ (0.24)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	15,940	$ 7.97	$ 0.0005	15,868	$ 7.93	$ (0.04)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	15,940	$ 1,754.95	$ 0.1101	15,868	$ 1,747.06	$ (7.89)	-0.45%	
Total Bill on Average IESO Wholesale Market Price			**$ 6,151.32**			**$ 5,639.48**	**$ (511.84)**	**-8.32%**	
HST	13%		$ 799.67	13%		$ 733.13	$ (66.54)	-8.32%	
Ontario Electricity Rebate	17.0%		$ -	17.0%		$ -			
Total Bill on Average IESO Wholesale Market Price			**$ 6,950.99**			**$ 6,372.61**	**$ (578.38)**	**-8.32%**	

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP
Consumption	2,690 kWh
Demand	- kW
Current Loss Factor	1.0457
Proposed/Approved Loss Factor	1.0410

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 10.91	1	$ 10.91	$ 24.58	1	$ 24.58	$ 13.67	125.30%	
Distribution Volumetric Rate	$ 0.0037	2690	$ 9.95	$ 0.0083	2690	$ 22.33	$ 12.37	124.32%	
Fixed Rate Riders	$ 0.36	1	$ 0.36	$ -	1	$ -	$ (0.36)	-100.00%	
Volumetric Rate Riders	$ -	2690	$ -	$ (0.0002)	2690	$ (0.54)	$ (0.54)		
Sub-Total A (excluding pass through)			**$ 21.22**			**$ 46.37**	**$ 25.15**	**118.48%**	
Line Losses on Cost of Power	$ 0.1072	123	$ 13.17	$ 0.1072	110	$ 11.82	$ (1.35)	-10.28%	
Total Deferral/Variance Account Rate Riders	$ 0.0017	2,690	$ 4.57	$ (0.0014)	2,690	$ (3.77)	$ (8.34)	-182.35%	
CBR Class B Rate Riders	$ -	2,690	$ -	$ -	2,690	$ -	$ -		
GA Rate Riders	$ -	2,690	$ -	$ -	2,690	$ -	$ -		
Low Voltage Service Charge	$ 0.0007	2,690	$ 1.88	$ 0.0024	2,690	$ 6.46	$ 4.57	242.86%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,690	$ -	$ -	2,690	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 40.85**			**$ 60.88**	**$ 20.03**	**49.02%**	
RTSR - Network	$ 0.0052	2,813	$ 14.63	$ 0.0064	2,800	$ 17.92	$ 3.29	22.52%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 0.0044	2,813	$ 12.38	$ 0.0047	2,800	$ 13.16	$ 0.78	6.34%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 67.86**			**$ 91.96**	**$ 24.10**	**35.52%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,813	$ 9.56	$ 0.0034	2,800	$ 9.52	$ (0.04)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,813	$ 1.41	$ 0.0005	2,800	$ 1.40	$ (0.01)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0850	1,749	$ 148.62	$ 0.0850	1,749	$ 148.62	$ -	0.00%	
TOU - Mid Peak	$ 0.1190	457	$ 54.42	$ 0.1190	457	$ 54.42	$ -	0.00%	
TOU - On Peak	$ 0.1760	484	$ 85.22	$ 0.1760	484	$ 85.22	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 367.34**			**$ 391.39**	**$ 24.05**	**6.55%**	
HST	13%		$ 47.75	13%		$ 50.88	$ 3.13	6.55%	
Ontario Electricity Rebate	17.0%		$ (62.45)	17.0%		$ (66.54)	$ (4.09)		
Total Bill on TOU			**$ 352.64**			**$ 375.74**	**$ 23.09**	**6.55%**	

Customer Class:	**RESIDENTIAL SERVICE CLASSIFICATION**
RPP / Non-RPP:	Non-RPP (Retailer)
Consumption	**750** kWh
Demand	**-** kW
Current Loss Factor	**1.0457**
Proposed/Approved Loss Factor	**1.0410**

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 24.63	1	$ 24.63	$ 25.57	1	$ 25.57	$ 0.94	3.82%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ 0.67	1	$ 0.67	$ (2.20)	1	$ (2.20)	$ (2.87)	-428.36%	
Volumetric Rate Riders	$ -	750	$ -	$ 0.0003	750	$ 0.23	$ 0.23		
Sub-Total A (excluding pass through)			**$ 25.30**			**$ 23.60**	**$ (1.71)**	**-6.74%**	
Line Losses on Cost of Power	$ 0.1101	34	$ 3.77	$ 0.1101	31	$ 3.39	$ (0.39)	-10.28%	
Total Deferral/Variance Account Rate Riders	$ 0.0016	750	$ 1.20	$ 0.0006	750	$ 0.45	$ (0.75)	-62.50%	
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0008	750	$ 0.60	$ 0.0027	750	$ 2.03	$ 1.43	237.50%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 31.44**			**$ 30.03**	**$ (1.42)**	**-4.51%**	
RTSR - Network	$ 0.0059	784	$ 4.63	$ 0.0072	781	$ 5.62	$ 0.99	21.49%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 0.0050	784	$ 3.92	$ 0.0053	781	$ 4.14	$ 0.22	5.52%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 39.99**			**$ 39.78**	**$ (0.21)**	**-0.52%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	784	$ 2.67	$ 0.0034	781	$ 2.65	$ (0.01)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	784	$ 0.39	$ 0.0005	781	$ 0.39	$ (0.00)	-0.45%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	750	$ 82.58	$ 0.1101	750	$ 82.58	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 125.63**			**$ 125.40**	**$ (0.22)**	**-0.18%**	
HST	13%		$ 16.33	13%		$ 16.30	$ (0.03)	-0.18%	
Ontario Electricity Rebate	17.0%		$ (21.36)	17.0%		$ (21.32)			
Total Bill on Non-RPP Avg. Price			**$ 120.60**			**$ 120.39**	**$ (0.21)**	**-0.18%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP
Consumption	283 kWh
Demand	- kW
Current Loss Factor	1.0457
Proposed/Approved Loss Factor	1.0410

	Current OEB-Approved			Proposed			Impact		
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change	
Monthly Service Charge	$ 24.63	1	$ 24.63	$ 25.57	1	$ 25.57	$ 0.94	3.82%	
Distribution Volumetric Rate	$ -	283	$ -	$ -	283	$ -	$ -		
Fixed Rate Riders	$ 0.67	1	$ 0.67	$ (2.20)	1	$ (2.20)	$ (2.87)	-428.36%	
Volumetric Rate Riders	$ -	283	$ -	$ 0.0003	283	$ 0.08	$ 0.08		
Sub-Total A (excluding pass through)			**$ 25.30**			**$ 23.45**	**$ (1.85)**	**-7.29%**	
Line Losses on Cost of Power	$ 0.1072	13	$ 1.39	$ 0.1072	12	$ 1.24	$ (0.14)	-10.28%	
Total Deferral/Variance Account Rate Riders	$ 0.0016	283	$ 0.45	$ 0.0006	283	$ 0.17	$ (0.28)	-62.50%	
CBR Class B Rate Riders	$ -	283	$ -	$ -	283	$ -	$ -		
GA Rate Riders	$ -	283	$ -	$ -	283	$ -	$ -		
Low Voltage Service Charge	$ 0.0008	283	$ 0.23	$ 0.0027	283	$ 0.76	$ 0.54	237.50%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		283	$ -	$ -	283	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 27.94**			**$ 26.20**	**$ (1.73)**	**-6.20%**	
RTSR - Network	$ 0.0059	296	$ 1.75	$ 0.0072	295	$ 2.12	$ 0.38	21.49%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and Transformation Connection	$ 0.0050	296	$ 1.48	$ 0.0053	295	$ 1.56	$ 0.08	5.52%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-Total B)			**$ 31.16**			**$ 29.88**	**$ (1.28)**	**-4.10%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	296	$ 1.01	$ 0.0034	295	$ 1.00	$ (0.00)	-0.45%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	296	$ 0.15	$ 0.0005	295	$ 0.15	$ (0.00)	-0.45%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0850	184	$ 15.64	$ 0.0850	184	$ 15.64	$ -	0.00%	
TOU - Mid Peak	$ 0.1190	48	$ 5.73	$ 0.1190	48	$ 5.73	$ -	0.00%	
TOU - On Peak	$ 0.1760	51	$ 8.97	$ 0.1760	51	$ 8.97	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 62.89**			**$ 61.61**	**$ (1.28)**	**-2.04%**	
HST	13%		$ 8.18	13%		$ 8.01	$ (0.17)	-2.04%	
Ontario Electricity Rebate	17.0%		$ (10.69)	17.0%		$ (10.47)	$ 0.22		
Total Bill on TOU			**$ 60.38**			**$ 59.15**	**$ (1.23)**	**-2.04%**	

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	127,958 kWh
Demand	100 kW
Current Loss Factor	1.0457
Proposed/Approved Loss Factor	1.0410

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	$ 89.34	1	$ 89.34	$ 89.34	1	$ 89.34	$ -	0.00%
Distribution Volumetric Rate	$ 3.7003	100	$ 370.03	$ 3.4192	100	$ 341.92	$ (28.11)	-7.60%
Fixed Rate Riders	$ 14.76	1	$ 14.76	$ -	1	$ -	$ (14.76)	-100.00%
Volumetric Rate Riders	$ -	100	$ -	$ 0.0666	100	$ 6.66	$ 6.66	
Sub-Total A (excluding pass through)			**$ 474.13**			**$ 437.92**	**$ (36.21)**	**-7.64%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 0.5127	100	$ 51.27	$ (0.5496)	100	$ (54.96)	$ (106.23)	-207.20%
CBR Class B Rate Riders	$ -	100	$ -	$ -	100	$ -	$ -	
GA Rate Riders	$ -	127,958	$ -	$ -	127,958	$ -	$ -	
Low Voltage Service Charge	$ 0.2787	100	$ 27.87	$ 0.9102	100	$ 91.02	$ 63.15	226.59%
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)			**$ 553.27**			**$ 473.98**	**$ (79.29)**	**-14.33%**
RTSR - Network	$ -	100	$ -	$ -	100	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection	$ -	100	$ -	$ -	100	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			**$ 553.27**			**$ 473.98**	**$ (79.29)**	**-14.33%**
Wholesale Market Service Charge (WMSC)	$ 0.0034	133,806	$ 454.94	$ 0.0034	133,204	$ 452.89	$ (2.04)	-0.45%
Rural and Remote Rate Protection (RRRP)	$ 0.0005	133,806	$ 66.90	$ 0.0005	133,204	$ 66.60	$ (0.30)	-0.45%
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.1101	133,806	$ 14,732.01	$ 0.1101	133,204	$ 14,665.79	$ (66.21)	-0.45%
Total Bill on Average IESO Wholesale Market Price			**$ 15,807.37**			**$ 15,659.52**	**$ (147.85)**	**-0.94%**
HST	13%		$ 2,054.96	13%		$ 2,035.74	$ (19.22)	-0.94%
Ontario Electricity Rebate	17.0%		$ -	17.0%		$ -		
Total Bill on Average IESO Wholesale Market Price			**$ 17,862.33**			**$ 17,695.25**	**$ (167.07)**	**-0.94%**

C Revenue Requirement Work Form

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Notes:

(1) Pale green cells represent inputs

(2) Pale green boxes at the bottom of each page are for additional notes

(3) Pale yellow cells represent drop-down lists

(4) ***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***

(5) ***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.***

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Data Input [1]

		Initial Application	[2]	Adjustments	Application Update	[6]	Adjustments	Per Board Decision	
1	**Rate Base**								
	Gross Fixed Assets (average)	$19,205,663			$ 19,205,663		($279,557)	$18,926,106	
	Accumulated Depreciation (average)	($7,678,773)	[5]		($7,678,773)		$3,296	($7,675,477)	
	Allowance for Working Capital:								
	Controllable Expenses	$3,708,394			$ 3,708,394		($85,000)	$3,623,394	
	Cost of Power	$19,698,362			$ 19,698,362		$468,718	$20,167,080	
	Working Capital Rate (%)	7.50%	[9]	0.00%	7.50%	[9]	0.00%	7.50%	[9]
2	**Utility Income**								
	Operating Revenues:								
	Distribution Revenue at Current Rates	$4,875,505		$0	$4,875,505		$8,687	$4,884,192	
	Distribution Revenue at Proposed Rates	$4,955,456		$98,211	$5,053,666		($91,204)	$4,962,462	
	Other Revenue:								
	Specific Service Charges	$49,000		$0	$49,000		$0	$49,000	
	Late Payment Charges	$66,987		$0	$66,987		$0	$66,987	
	Other Distribution Revenue	$172,794		$0	$172,794		($25,924)	$146,870	
	Other Income and Deductions	$76,900		$0	$76,900		$0	$76,900	
	Total Revenue Offsets	$365,681	[7]	$0	$365,681		($25,924)	$339,757	
	Operating Expenses:								
	OM+A Expenses	$3,708,394			$ 3,708,394		($85,000)	$3,623,394	
	Depreciation/Amortization	$957,283			$ 957,283		($7,046)	$950,237	
	Property taxes								
	Other expenses								
3	**Taxes/PILs**								
	Taxable Income:								
	Adjustments required to arrive at taxable income	($454,628)	[3]	$95,361	($359,267)		($30,861)	($390,128)	
	Utility Income Taxes and Rates:								
	Income taxes (not grossed up)	$ -		$21,768	$21,768		($8,947)	$12,821	
	Income taxes (grossed up)	$ -			$27,761			$16,204	
	Federal tax (%)	12.94%		0.00%	12.94%		(0.30%)	12.64%	
	Provincial tax (%)	8.65%		0.00%	8.65%		(0.41%)	8.24%	
	Income Tax Credits								
4	**Capitalization/Cost of Capital**								
	Capital Structure:								
	Long-term debt Capitalization Ratio (%)	56.0%		0.00%	56.0%		0.00%	56.0%	
	Short-term debt Capitalization Ratio (%)	4.0%	[8]	0.00%	4.0%	[8]	0.00%	4.0%	[8]
	Common Equity Capitalization Ratio (%)	40.0%		0.00%	40.0%		0.00%	40.0%	
	Prefered Shares Capitalization Ratio (%)								
		100.0%			100.0%			100.0%	
	Cost of Capital								
	Long-term debt Cost Rate (%)	2.73%		0.76%	3.49%		0.00%	3.49%	
	Short-term debt Cost Rate (%)	1.75%		(0.58%)	1.17%		0.00%	1.17%	
	Common Equity Cost Rate (%)	8.34%		0.32%	8.66%		0.00%	8.66%	
	Prefered Shares Cost Rate (%)								

Notes:

General Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.

(1) All inputs are in dollars ($) except where inputs are individually identified as percentages (%)

(2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) Select option from drop-down list by clicking on cell M12. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.

(7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement

(8) 4.0% unless an Applicant has proposed or been approved for another amount.

(9) The default Working Capital Allowance factor is **7.5%** (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, a WCA factor based on lead-lag study, with supporting rationale could be provided.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Rate Base and Working Capital

Rate Base

Line No.	Particulars		Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(2)	$19,205,663	$ -	$19,205,663	($279,557)	$18,926,106
2	Accumulated Depreciation (average)	(2)	($7,678,773)	$ -	($7,678,773)	$3,296	($7,675,477)
3	Net Fixed Assets (average)	(2)	$11,526,890	$ -	$11,526,890	($276,261)	$11,250,629
4	Allowance for Working Capital	(1)	$1,755,507	$ -	$1,755,507	$28,779	$1,784,286
5	**Total Rate Base**		$13,282,397	$ -	$13,282,397	($247,482)	$13,034,914

(1) **Allowance for Working Capital - Derivation**

Line No.	Particulars		Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
6	Controllable Expenses		$3,708,394	$ -	$3,708,394	($85,000)	$3,623,394
7	Cost of Power		$19,698,362	$ -	$19,698,362	$468,718	$20,167,080
8	Working Capital Base		$23,406,757	$ -	$23,406,757	$383,718	$23,790,475
9	Working Capital Rate %	(1)	7.50%	0.00%	7.50%	0.00%	7.50%
10	Working Capital Allowance		$1,755,507	$ -	$1,755,507	$28,779	$1,784,286

Notes

(1) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2021 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

(2) Average of opening and closing balances for the year.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Utility Income

Line No.	Particulars		Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
	Operating Revenues:						
1	Distribution Revenue (at Proposed Rates)		$4,955,456	$98,211	$5,053,666	($91,204)	$4,962,462
2	Other Revenue	(1)	$365,681	$ -	$365,681	($25,924)	$339,757
3	Total Operating Revenues		$5,321,137	$98,211	$5,419,347	($117,128)	$5,302,219
	Operating Expenses:						
4	OM+A Expenses		$3,708,394	$ -	$3,708,394	($85,000)	$3,623,394
5	Depreciation/Amortization		$957,283	$ -	$957,283	($7,046)	$950,237
6	Property taxes		$ -	$ -		$ -	
7	Capital taxes		$ -	$ -	$ -	$ -	$ -
8	Other expense		$ -	$ -		$ -	
9	Subtotal (lines 4 to 8)		$4,665,677	$ -	$4,665,677	($92,046)	$4,573,631
10	Deemed Interest Expense		$212,359	$53,448	$265,807	($4,953)	$260,855
11	Total Expenses (lines 9 to 10)		$4,878,036	$53,448	$4,931,484	($96,998)	$4,834,486
12	**Utility income before income taxes**		$443,101	$44,762	$487,863	($20,130)	$467,733
13	Income taxes (grossed-up)		$ -	$27,761	$27,761	($11,556)	$16,204
14	**Utility net income**		$443,101	$17,001	$460,102	($8,573)	$451,529

Notes

Other Revenues / Revenue Offsets

Note	Particulars	Initial Application	Adjustments	Application Update	Adjustments	Per Board Decision
(1)	Specific Service Charges	$49,000	$ -	$49,000	$ -	$49,000
	Late Payment Charges	$66,987	$ -	$66,987	$ -	$66,987
	Other Distribution Revenue	$172,794	$ -	$172,794	($25,924)	$146,870
	Other Income and Deductions	$76,900	$ -	$76,900	$ -	$76,900
	Total Revenue Offsets	$365,681	$ -	$365,681	($25,924)	$339,757

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Taxes/PILs

Line No.	Particulars	Application	Application Update	Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	$443,101	$460,102	$451,529
2	Adjustments required to arrive at taxable utility income	($454,628)	($359,267)	($390,128)
3	Taxable income	($11,527)	$100,835	$61,401
	Calculation of Utility income Taxes			
4	Income taxes	$ -	$21,768	$12,821
6	Total taxes	$ -	$21,768	$12,821
7	Gross-up of Income Taxes	$ -	$5,993	$3,383
8	Grossed-up Income Taxes	$ -	$27,761	$16,204
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	$ -	$27,761	$16,204
10	Other tax Credits	$ -	$ -	$ -
	Tax Rates			
11	Federal tax (%)	12.94%	12.94%	12.64%
12	Provincial tax (%)	8.65%	8.65%	8.24%
13	Total tax rate (%)	21.59%	21.59%	20.88%

Notes

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	($)	(%)	($)
	Debt				
1	Long-term Debt	56.00%	$7,438,142	2.73%	$203,061
2	Short-term Debt	4.00%	$531,296	1.75%	$9,298
3	**Total Debt**	60.00%	$7,969,438	2.66%	$212,359
	Equity				
4	Common Equity	40.00%	$5,312,959	8.34%	$443,101
5	Preferred Shares	0.00%	$ -	0.00%	$ -
6	**Total Equity**	40.00%	$5,312,959	8.34%	$443,101
7	**Total**	100.00%	$13,282,397	4.93%	$655,460

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Application Update			
		(%)	($)	(%)	($)
	Debt				
1	Long-term Debt	56.00%	$7,438,142	3.49%	$259,591
2	Short-term Debt	4.00%	$531,296	1.17%	$6,216
3	**Total Debt**	60.00%	$7,969,438	3.34%	$265,807
	Equity				
4	Common Equity	40.00%	$5,312,959	8.66%	$460,102
5	Preferred Shares	0.00%	$ -	0.00%	$ -
6	**Total Equity**	40.00%	$5,312,959	8.66%	$460,102
7	**Total**	100.00%	$13,282,397	5.47%	$725,910

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Per Board Decision			
		(%)	($)	(%)	($)
	Debt				
8	Long-term Debt	56.00%	$7,299,552	3.49%	$254,754
9	Short-term Debt	4.00%	$521,397	1.17%	$6,100
10	**Total Debt**	60.00%	$7,820,949	3.34%	$260,855
	Equity				
11	Common Equity	40.00%	$5,213,966	8.66%	$451,529
12	Preferred Shares	0.00%	$ -	0.00%	$ -
13	**Total Equity**	40.00%	$5,213,966	8.66%	$451,529
14	**Total**	100.00%	$13,034,914	5.47%	$712,384

Notes

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application: At Current Approved Rates	Initial Application: At Proposed Rates	Application Update: At Current Approved Rates	Application Update: At Proposed Rates	Per Board Decision: At Current Approved Rates	Per Board Decision: At Proposed Rates
1	Revenue Deficiency from Below		$101,962		$191,807		$78,446
2	Distribution Revenue	$4,875,505	$4,853,494	$4,875,505	$4,861,859	$4,884,192	$4,884,016
3	Other Operating Revenue Offsets - net	$365,681	$365,681	$365,681	$365,681	$339,757	$339,757
4	**Total Revenue**	$5,241,186	$5,321,137	$5,241,186	$5,419,347	$5,223,949	$5,302,219
5	Operating Expenses	$4,665,677	$4,665,677	$4,665,677	$4,665,677	$4,573,631	$4,573,631
6	Deemed Interest Expense	$212,359	$212,359	$265,807	$265,807	$260,855	$260,855
8	**Total Cost and Expenses**	$4,878,036	$4,878,036	$4,931,484	$4,931,484	$4,834,486	$4,834,486
9	**Utility Income Before Income Taxes**	$363,150	$443,101	$309,702	$487,863	$389,463	$467,733
10	Tax Adjustments to Accounting Income per 2013 PILs model	($454,628)	($454,628)	($359,267)	($359,267)	($390,128)	($390,128)
11	**Taxable Income**	($91,478)	($11,527)	($49,566)	$128,596	($665)	$77,605
12	Income Tax Rate	21.59%	21.59%	21.59%	21.59%	20.88%	20.88%
13	**Income Tax on Taxable Income**	$ -	$ -	$ -	$27,761	$ -	$16,204
14	**Income Tax Credits**	$ -	$ -	$ -	$ -	$ -	$ -
15	**Utility Net Income**	$363,150	$443,101	$309,702	$460,102	$389,463	$451,529
16	**Utility Rate Base**	$13,282,397	$13,282,397	$13,282,397	$13,282,397	$13,034,914	$13,034,914
17	Deemed Equity Portion of Rate Base	$5,312,959	$5,312,959	$5,312,959	$5,312,959	$5,213,966	$5,213,966
18	Income/(Equity Portion of Rate Base)	6.84%	8.34%	5.83%	8.66%	7.47%	8.66%
19	Target Return - Equity on Rate Base	8.34%	8.34%	8.66%	8.66%	8.66%	8.66%
20	Deficiency/Sufficiency in Return on Equity	-1.50%	0.00%	-2.83%	0.00%	-1.19%	0.00%
21	Indicated Rate of Return	4.33%	4.93%	4.33%	5.47%	4.99%	5.47%
22	Requested Rate of Return on Rate Base	4.93%	4.93%	5.47%	5.47%	5.47%	5.47%
23	Deficiency/Sufficiency in Rate of Return	-0.60%	0.00%	-1.13%	0.00%	-0.48%	0.00%
24	Target Return on Equity	$443,101	$443,101	$460,102	$460,102	$451,529	$451,529
25	Revenue Deficiency/(Sufficiency)	$79,951	$ -	$150,400	$ -	$62,067	($1)
26	**Gross Revenue Deficiency/(Sufficiency)**	$101,962 (1)		$191,807 (1)		$78,446 (1)	

Notes:

(1) Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Revenue Requirement

Line No.	Particulars	Application		Application Update		Per Board Decision	
1	OM&A Expenses	$3,708,394		$3,708,394		$3,623,394	
2	Amortization/Depreciation	$957,283		$957,283		$950,237	
3	Property Taxes	$ -					
5	Income Taxes (Grossed up)	$ -		$27,761		$16,204	
6	Other Expenses	$ -					
7	Return						
	Deemed Interest Expense	$212,359		$265,807		$260,855	
	Return on Deemed Equity	$443,101		$460,102		$451,529	
8	**Service Revenue Requirement (before Revenues)**	$5,321,137		$5,419,347		$5,302,220	
9	Revenue Offsets	$365,681		$365,681		$339,757	
10	**Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)**	$4,955,456		$5,053,666		$4,962,463	
11	Distribution revenue	$4,955,456		$5,053,666		$4,962,462	
12	Other revenue	$365,681		$365,681		$339,757	
13	**Total revenue**	$5,321,137		$5,419,347		$5,302,219	
14	**Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)**	$ -	(1)	$ -	(1)	($1)	(1)

Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application	Application Update	Δ% (2)	Per Board Decision	Δ% (2)
Service Revenue Requirement	$5,321,137	$5,419,347	**1.85%**	$5,302,220	**(100.00%)**
Grossed-Up Revenue Deficiency/(Sufficiency)	$101,962	$191,807	**88.12%**	$78,446	**(100.00%)**
Base Revenue Requirement (to be recovered from Distribution Rates)	$4,955,456	$5,053,666	**1.98%**	$4,962,463	**(100.00%)**
Revenue Deficiency/(Sufficiency) Associated with Base Revenue Requirement	$79,951	$178,161	**122.84%**	$78,271	**(100.00%)**

Notes

(1) Line 11 - Line 8

(2) Percentage Change Relative to Initial Application

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Load Forecast Summary

This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.

The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in **Appendix 2-I** should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in **Appendix 2-IB** and in Exhibit 3 of the application.

Appendix 2-IB is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth andf trends from historical actuals to the Bridge and Test Year forecasts.

Stage in Process: Per Board Decision

	Customer Class	**Initial Application**			**Application Update**			**Per Board Decision**		
	Input the name of each customer class.	**Customer / Connections** Test Year average or mid-year	**kWh** Annual	**kW/kVA** [1] Annual	**Customer / Connections** Test Year average or mid-year	**kWh** Annual	**kW/kVA** [1] Annual	**Customer / Connections** Test Year average or mid-year	**kWh** Annual	**kW/kVA** [1] Annual
1	Residential	10,191	80,356,209	-	10,191	80,356,209	-	10,191	79,466,998	-
2	GS<50 kW	1,264	29,645,117	-	1,264	29,645,117	-	1,264	30,190,015	-
3	GS 50 to 4999 kW	151	70,993,966	219,807	151	70,993,966	219,807	151	71,904,756	219,896
4	Sentinel Lighting	166	194,767	495	166	194,767	495	166	195,500	492
5	Street Lighting	2,949	1,080,789	3,027	2,949	1,080,789	3,027	2,949	1,105,631	3,103
6	Unmetered Scattered Load	19	606,879	-	19	606,879	-	19	609,268	-
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	Total		**182,877,727**	**223,329**		**182,877,727**	**223,329**		**183,472,167**	**223,491**

Notes:

(1) Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Cost Allocation and Rate Design

This spreadsheet replaces **Appendix 2-P** and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process: ***Per Board Decision***

A) Allocated Costs

	Name of Customer Class [3] From Sheet 10. Load Forecast	Costs Allocated from Previous Study [1]	%	Allocated Class Revenue Requirement [1] (7A)	%
1	Residential	$ 2,692,038	59.18%	$ 3,539,001	66.75%
2	GS<50 kW	$ 796,632	17.51%	$ 833,501	15.72%
3	GS 50 to 4999 kW	$ 907,834	19.96%	$ 783,459	14.78%
4	Sentinel Lighting	$ 13,574	0.30%	$ 14,688	0.28%
5	Street Lighting	$ 134,441	2.96%	$ 119,616	2.26%
6	Unmetered Scattered Load	$ 4,311	0.09%	$ 11,954	0.23%
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18					
19					
20					
	Total	$ 4,548,830	100.00%	**$ 5,302,219**	100.00%
			Service Revenue Requirement (from Sheet 9)	**$ 5,302,219.95**	

(1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 - Low Voltage (LV) Costs are also excluded.

(2) Host Distributors - Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.

(3) Customer Classes - If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

B) Calculated Class Revenues

	Name of Customer Class	Load Forecast (LF) X current approved rates (7B)	LF X current approved rates X (1+d) (7C)	LF X Proposed Rates (7D)	Miscellaneous Revenues (7E)
1	Residential	$ 3,012,117	$ 3,060,387	$ 3,126,681	$ 236,774
2	GS<50 kW	$ 767,658	$ 779,960	$ 782,921	$ 50,580
3	GS 50 to 4999 kW	$ 957,191	$ 972,531	$ 895,374	$ 44,701
4	Sentinel Lighting	$ 10,918	$ 11,093	$ 13,136	$ 817
5	Street Lighting	$ 131,565	$ 133,673	$ 133,669	$ 6,209
6	Unmetered Scattered Load	$ 4,742	$ 4,818	$ 10,681	$ 675
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12					
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16					
17					
18					
19					
20					
	Total	$ 4,884,192	$ 4,962,462	$ 4,962,462	$ 339,757

(4) In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.

(5) Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.

(6) Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.

(7) Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,

C) Rebalancing Revenue-to-Cost Ratios

	Name of Customer Class	Previously Approved Ratios Most Recent Year: 2016 %	Status Quo Ratios (7C + 7E) / (7A) %	Proposed Ratios (7D + 7E) / (7A) %	Policy Range %
1	Residential	91.52%	93.17%	95.04%	85 - 115
2	GS<50 kW	115.84%	99.64%	100.00%	
3	GS 50 to 4999 kW	116.62%	129.84%	119.99%	
4	Sentinel Lighting	0.80%	81.09%	95.00%	
5	Street Lighting	78.89%	116.94%	116.94%	
6	Unmetered Scattered Load	119.93%	45.95%	95.00%	
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(8) Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.

(9) Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".

(10) Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

(D) *Proposed Revenue-to-Cost Ratios* [11]

	Name of Customer Class	Proposed Revenue-to-Cost Ratio			Policy Range
		Test Year	Price Cap IR Period		
		2022	2023	2024	
1	Residential	95.04%			85 - 115
2	GS<50 kW	100.00%			
3	GS 50 to 4999 kW	119.99%			
4	Sentinel Lighting	95.00%			
5	Street Lighting	116.94%			
6	Unmetered Scattered Load	95.00%			
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(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2021 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2022 and 2023 Price Cap IR models, as necessary. For 2022 and 2023, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2019 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and voluemtric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Stage in Process: *Per Board Decision*

	Customer and Load Forecast					Class Allocated Revenues (From Sheet 11. Cost Allocation and Sheet 12. Residential Rate Design)		
	Customer Class (From sheet 10. Load Forecast)	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric
1	Residential	kWh	10,191	79,466,998	-	$ 3,126,681	$ 3,126,681	$ -
2	GS<50 kW	kWh	1,264	30,190,015	-	$ 782,921	$ 360,093	$ 422,828
3	GS 50 to 4999 kW	kW	151	71,904,756	219,896	$ 895,374	$ 161,848	$ 733,526
4	Sentinel Lighting	kW	166	195,500	492	$ 13,136	$ 7,463	$ 5,673
5	Street Lighting	kW	2,949	1,105,631	3,103	$ 133,669	$ 90,246	$ 43,423
6	Unmetered Scattered Load	kWh	19	609,268	-	$ 10,681	$ 5,603	$ 5,078
7			-	-	-			
8			-	-	-			
9			-	-	-			
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	Fixed / Variable Splits [2] (Percentage to be entered as a fraction between 0 and 1)		Transformer Ownership Allowance [1] ($)	Distribution Rates: Monthly Service Charge		Distribution Rates: Volumetric Rate			Revenue Reconciliation		
	Fixed	Variable		Rate	No. of decimals	Rate		No. of decimals	MSC Revenues	Volumetric revenues	Distribution Revenues less Transformer Ownership
1	100.00%	0.00%		$25.57	2	$0.0000	/kWh	4	$ 3,127,074.33	$ -	$ 3,127,074.33
2	45.99%	54.01%		$23.74		$0.0140	/kWh		$ 360,092.64	$ 422,660.2118	$ 782,752.85
3	18.08%	81.92%	$ 18,339	$89.34		$3.4192	/kW		$ 161,848.39	$ 751,869.2499	$ 895,378.64
4	56.81%	43.19%		$3.74		$11.5335	/kW		$ 7,471.93	$ 5,673.0317	$ 13,144.97
5	67.51%	32.49%		$2.55		$13.9936	/kW		$ 90,244.23	$ 43,422.9761	$ 133,667.20
6	52.46%	47.54%		$24.58		$0.0083	/kWh		$ 5,604.24	$ 5,056.9251	$ 10,661.17
7									$ -	$ -	$ -
8									$ -	$ -	$ -
9									$ -	$ -	$ -
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Total Transformer Ownership Allowance $ 18,339

Total Distribution Revenues	$ 4,962,679.16
Base Revenue Requirement	$ 4,962,463.08
Difference	$ 216.08
% Difference	0.004%

Rates recover revenue requirement

Notes:

1 Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

2 The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calcutated as: [MSC x (average number of customers or connections) x 12 months] / (Class Allocated Revenue Requirement).

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2022 Filers

Tracking Form

The first row shown, labelled "Original Application", summarizes key statistics based on the data inputs into the RRWF. After the original application filing, the applicant provides key changes in capital and operating expenses, load forecasts, cost of capital, etc., as revised through the processing of the application. This could be due to revisions or responses to interrogatories. The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, responses to interrogatories, undertakings, etc.)

Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

(1) Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

(2) Short description of change, issue, etc.

Summary of Proposed Changes

		Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
Reference [1]	Item / Description [2]	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance ($)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	Grossed up Revenue Deficiency / Sufficiency
	Original Application	$ 655,460	4.93%	$ 13,282,397	$ 23,406,757	$ 1,755,507	$ 957,283	$ -	$ 3,708,394	$ 5,321,137	$ 365,681	$ 4,955,456	$ 101,962
1													

D Accelerated CCA Calculation – 2019-2020

Tax Year	CCA Difference	Tax Effected	Gross Up	Grossed Up Amount
2019	$ (105,617)	$ (27,988)	$ (10,091)	$ (38,079)
2020	$ (222,657)	$ (59,004)	$ (21,274)	$ (80,278)
Account 1592	**(328,274)**	**(86,992)**	**(31,365)**	**(118,357)**

2019 – 2020 Accelerated CCA Supporting Calculations:

Schedule 8 CCA - 2019

(1) Class	(2) - 1 Non-Accelerated Undepreciated capital cost (UCC) at the beginning of the year	(2) - 2 Accelerated Undepreciated capital cost (UCC) at the beginning of the year	(3) Cost of acquisitions during the year	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10)	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(14) CCA Rate %	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)	(18) CCA (for declining balance method with accelerated CCA, the result of column 2 plus the result of column 3 multiplied by 1.5 multiplied by
1	$ 378,647	$ 378,647	$ 4,189	$ 4,189			$ 382,836	$ -	$ 4,189	0.50	$ 2,095	4%	$ 15,230	$ 15,397
13 2	$ 3,268,404	$ 3,268,404					$ 3,268,404	$ -	$ -	0.50	$ -	6%	$ 196,104	$ 196,104
8	$ 278,291	$ 278,291	$ 392,819	$ 392,819		$ 194,979	$ 476,131	$ 194,979	$ 197,840	0.50	$ 98,920	20%	$ 75,442	$ 115,010
14.1	$ 1,331,310	$ 1,331,310					$ 1,331,310	$ -	$ -	0.50	$ -	7%	$ 93,192	$ 93,192
12	$ 5,737	$ 5,737	$ 16,660				$ 22,397	$ -	$ -	0.00	$ -	100%	$ 22,397	$ 22,397
45	$ 4,237	$ 4,237	$ 13,429	$ 13,429			$ 17,666	$ -	$ 13,429	0.00	$ -	45%	$ 4,928	$ 10,971
47	$ 6,992,549	$ 6,992,549	$ 747,976	$ 747,976			$ 7,740,525	$ -	$ 747,976	0.50	$ 373,988	8%	$ 589,323	$ 649,161
50	$ 6,829	$ 6,829					$ 6,829	$ -	$ -	0.50	$ -	55%	$ 3,756	$ 3,756
95	$ 58,854	$ 58,854			-$ 58,854		$ -	$ -	$ -	0.00	$ -	0%	$ -	$ -
10	$ 369,817	$ 369,817					$ 369,817	$ -	$ -	0.50	$ -	30%	$ 110,945	$ 110,945
	$ -	$ -					$ -	$ -	$ -		$ -			
	$ 12,694,675	**$ 12,694,675**	**$ 1,175,073**	**$ 1,158,413**	**-$ 58,854**	**$ 194,979**	**$ 13,615,915**	**$ 194,979**	**$ 963,434**		**$ 475,003**		**$ 1,111,317**	**$ 1,216,934**

CCA Impact	$ 105,617
Tax Rate	26.50%
Tax Impact	$ 27,988
1592 Entry (Grossed-Up)	$ 38,079

Schedule 8 CCA - 2020

(1) Class	(2) - 1 Non-Accelerated Undepreciated capital cost (UCC) at the beginning of the year	(2) - 2 Accelerated Undepreciated capital cost (UCC) at the beginning of the year	(3) Cost of acquisitions during the year	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10)	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(14) CCA Rate %	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)	(18) CCA (for declining balance method with accelerated CCA, the result of column 2 plus the result of column 3 multiplied by 1.5 multiplied by
1	$ 367,606	$ 367,439	$ 50,192	$ 50,192			$ 417,631	$ -	$ 50,192	0.50	$ 25,096	4%	$ 15,708	$ 17,709
13 2	$ 3,072,300	$ 3,072,300					$ 3,072,300	$ -	$ -	0.50	$ -	6%	$ 184,338	$ 184,338
8	$ 400,689	$ 361,121	$ 84,526	$ 84,526			$ 445,647	$ -	$ 84,526	0.50	$ 42,263	20%	$ 88,590	$ 97,582
14.1	$ 1,238,118	$ 1,238,118					$ 1,238,118	$ -	$ -	0.50	$ -	7%	$ 86,668	$ 86,668
12	$ -	$ -	$ 5,473				$ 5,473	$ -	$ -	0.00	$ -	100%	$ 5,473	$ 5,473
45	$ 12,738	$ 6,695	$ 32,757	$ 32,757			$ 39,452	$ -	$ 32,757	0.00	$ -	45%	$ 13,102	$ 25,124
47	$ 7,151,202	$ 7,091,364	$ 2,555,375	$ 2,555,375			$ 9,646,739	$ -	$ 2,555,375	0.50	$ 1,277,688	8%	$ 674,311	$ 873,954
50	$ 3,073	$ 3,073					$ 3,073	$ -	$ -	0.50	$ -	55%	$ 1,690	$ 1,690
95	$ -	$ -					$ -	$ -	$ -	0.00	$ -	0%	$ -	$ -
10	$ 258,872	$ 258,872					$ 258,872	$ -	$ -	0.50	$ -	30%	$ 77,662	$ 77,662
	$ -	$ -					$ -	$ -	$ -		$ -			
	$ 12,504,598	**$ 12,398,981**	**$ 2,728,323**	**$ 2,722,850**	**$ -**	**$ -**	**$ 15,127,304**	**$ -**	**$ 2,722,850**		**$ 1,345,047**		**$ 1,147,543**	**$ 1,370,200**

CCA Impact	$ 222,657
Tax Rate	26.50%
Tax Impact	$ 59,004
1592 Entry (Grossed-Up)	$ 80,278