



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2025 Filers



Version 1.10

Utility Name	Northern Ontario Wires Inc.
Service Territory	Cochrane, Kapuskasing, Timmins
Assigned EB Number	EB-2024-0046
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Test Year	2025
Bridge Year	2024
Last Rebasing Year	2017

The RRWF has been enhanced commencing with 2017 rate applications to provide estimated base distribution rates. The enhanced RRWF is not intended to replace a utility's formal rate generator model which should continue to be the source of the proposed rates as well as the final ones at the conclusion of the proceeding. The load forecasting addition made to this model is intended to be demonstrative only and does not replace the information filed in the utility's application. In an effort to minimize the incremental work required from utilities, the cost allocation and rate design additions to this model do in fact replace former appendices that were required to be filed as part of the cost of service (Chapter 2) filing requirements.

Commencing with 2023 rate applications, the RRWF has been enhanced with an additional column, so that two stages of processing of an application (e.g. interrogatory responses and settlement agreement) between the initial application filing and the OEB decision and draft rate order ("Per Board Decision") can be used. Functionality of the RRWF is the same as in previous versions of the RRWF. (May 2022)

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



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2025 Filers

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Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale blue 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.***



Revenue Requirement Workform (RRWF) for 2025 Filers

Data Input Sheet ⁽¹⁾

	Initial Application ⁽²⁾	Adjustments	Interrogatory Responses ⁽⁶⁾	Adjustments	Settlement Agreement ⁽⁶⁾	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$ 16,109,429	\$ -	\$ 16,109,429		\$ 16,109,429		\$ 16,109,429
Accumulated Depreciation (average)	(\$6,169,719) ⁽⁵⁾	\$ -	\$ (6,169,719)		\$ (6,169,719)		\$ (6,169,719)
Allowance for Working Capital:							
Controllable Expenses	\$4,550,911	\$ -	\$ 4,550,911		\$ 4,550,911		\$ 4,550,911
Cost of Power	\$13,561,454	\$ -	\$ 13,561,454		\$ 13,561,454		\$ 13,561,454
Working Capital Rate (%)	7.50% ⁽⁹⁾						
2 Utility Income							
Operating Revenues:							
Distribution Revenue at Current Rates	\$3,976,708						
Distribution Revenue at Proposed Rates	\$5,436,225						
Other Revenue:							
Specific Service Charges	\$34,311						
Late Payment Charges	\$21,200						
Other Distribution Revenue	\$178,027						
Other Income and Deductions	\$14,311						
Total Revenue Offsets	\$247,849 ⁽⁷⁾						
Operating Expenses:							
OM+A Expenses	\$4,547,882	\$ -	\$ 4,547,882		\$4,547,882		\$ 4,547,882
Depreciation/Amortization	\$444,406	\$ -	\$ 444,406		\$444,406		\$ 444,406
Property taxes	\$3,029	\$ -	\$ 3,029		\$3,029		\$ 3,029
Other expenses		\$ -					
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$455,357) ⁽³⁾						
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	\$ -						
Income taxes (grossed up)	\$ -						
Federal tax (%)	15.00%						
Provincial tax (%)	11.50%						
Income Tax Credits							
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%						
Short-term debt Capitalization Ratio (%)	4.0% ⁽⁸⁾						
Common Equity Capitalization Ratio (%)	40.0%						
Preferred Shares Capitalization Ratio (%)							
	100.0%						
Cost of Capital							
Long-term debt Cost Rate (%)	3.86%						
Short-term debt Cost Rate (%)	6.23%						
Common Equity Cost Rate (%)	9.21%						
Preferred 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⁾ Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.
- ⁽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 or U12. 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. Beginning for 2023, two intermediate stages can be shown (e.g., Interrogatory Responses and Settlement Agreement).
- ⁽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 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.



Revenue Requirement Workform (RRWF) for 2025 Filers

Rate Base and Working Capital

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
1	Gross Fixed Assets (average) ⁽²⁾	\$16,109,429	\$ -	\$16,109,429	\$ -	\$16,109,429	\$ -	\$16,109,429
2	Accumulated Depreciation (average) ⁽²⁾	(\$6,169,719)	\$ -	(\$6,169,719)	\$ -	(\$6,169,719)	\$ -	(\$6,169,719)
3	Net Fixed Assets (average) ⁽²⁾	\$9,939,710	\$ -	\$9,939,710	\$ -	\$9,939,710	\$ -	\$9,939,710
4	Allowance for Working Capital ⁽¹⁾	\$1,358,427	(\$1,358,427)	\$ -	\$ -	\$ -	\$ -	\$ -
5	Total Rate Base	\$11,298,137	(\$1,358,427)	\$9,939,710	\$ -	\$9,939,710	\$ -	\$9,939,710

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses	\$4,550,911	\$ -	\$4,550,911	\$ -	\$4,550,911	\$ -	\$4,550,911
7	Cost of Power	\$13,561,454	\$ -	\$13,561,454	\$ -	\$13,561,454	\$ -	\$13,561,454
8	Working Capital Base	\$18,112,365	\$ -	\$18,112,365	\$ -	\$18,112,365	\$ -	\$18,112,365
9	Working Capital Rate % ⁽¹⁾	7.50%	-7.50%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Working Capital Allowance	\$1,358,427	(\$1,358,427)	\$ -	\$ -	\$ -	\$ -	\$ -

Notes

(1) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 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.



Revenue Requirement Workform (RRWF) for 2025 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
Operating Revenues:								
1	Distribution Revenue (at Proposed Rates)	\$5,436,225	(\$5,436,225)	\$ -	\$ -	\$ -	\$ -	\$ -
2	Other Revenue ⁽¹⁾	\$247,849	(\$247,849)	\$ -	\$ -	\$ -	\$ -	\$ -
3	Total Operating Revenues	\$5,684,074	(\$5,684,074)	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Expenses:								
4	OM+A Expenses	\$4,547,882	\$ -	\$4,547,882	\$ -	\$4,547,882	\$ -	\$4,547,882
5	Depreciation/Amortization	\$444,406	\$ -	\$444,406	\$ -	\$444,406	\$ -	\$444,406
6	Property taxes	\$3,029	\$ -	\$3,029	\$ -	\$3,029	\$ -	\$3,029
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$4,995,317	\$ -	\$4,995,317	\$ -	\$4,995,317	\$ -	\$4,995,317
10	Deemed Interest Expense	\$272,533	(\$272,533)	\$ -	\$ -	\$ -	\$ -	\$ -
11	Total Expenses (lines 9 to 10)	\$5,267,850	(\$272,533)	\$4,995,317	\$ -	\$4,995,317	\$ -	\$4,995,317
12	Utility income before income taxes	\$416,223	(\$5,411,540)	(\$4,995,317)	\$ -	(\$4,995,317)	\$ -	(\$4,995,317)
13	Income taxes (grossed-up)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	Utility net income	\$416,223	(\$5,411,540)	(\$4,995,317)	\$ -	(\$4,995,317)	\$ -	(\$4,995,317)

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$34,311		\$ -		\$ -		\$ -
	Late Payment Charges	\$21,200		\$ -		\$ -		\$ -
	Other Distribution Revenue	\$178,027		\$ -		\$ -		\$ -
	Other Income and Deductions	\$14,311		\$ -		\$ -		\$ -
	Total Revenue Offsets	\$247,849	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Revenue Requirement Workform (RRWF) for 2025 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Settlement Agreement	Per Board Decision
Determination of Taxable Income					
1	Utility net income before taxes	\$416,223	\$ -	\$ -	\$ -
2	Adjustments required to arrive at taxable utility income	(\$455,357)	\$ -	\$ -	\$ -
3	Taxable income	(\$39,134)	\$ -	\$ -	\$ -
Calculation of Utility income Taxes					
4	Income taxes	\$ -	\$ -	\$ -	\$ -
6	Total taxes	\$ -	\$ -	\$ -	\$ -
7	Gross-up of Income Taxes	\$ -	\$ -	\$ -	\$ -
8	Grossed-up Income Taxes	\$ -	\$ -	\$ -	\$ -
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$ -	\$ -	\$ -	\$ -
10	Other tax Credits	\$ -	\$ -	\$ -	\$ -
Tax Rates					
11	Federal tax (%)	15.00%	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%	11.50%
13	Total tax rate (%)	26.50%	26.50%	26.50%	26.50%

Notes



Revenue Requirement Workform (RRWF) for 2025 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		(%)	(\$)	(%)	(\$)
Initial Application					
(%) (\$) (%) (\$)					
Debt					
1	Long-term Debt	56.00%	\$6,326,957	3.86%	\$244,378
2	Short-term Debt	4.00%	\$451,925	6.23%	\$28,155
3	Total Debt	60.00%	\$6,778,882	4.02%	\$272,533
Equity					
4	Common Equity	40.00%	\$4,519,255	9.21%	\$416,223
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$4,519,255	9.21%	\$416,223
7	Total	100.00%	\$11,298,137	6.10%	\$688,757
Interrogatory Responses					
(%) (\$) (%) (\$)					
Debt					
1	Long-term Debt	0.00%	\$ -	0.00%	\$ -
2	Short-term Debt	0.00%	\$ -	0.00%	\$ -
3	Total Debt	0.00%	\$ -	0.00%	\$ -
Equity					
4	Common Equity	0.00%	\$ -	0.00%	\$ -
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	0.00%	\$ -	0.00%	\$ -
7	Total	0.00%	\$9,939,710	0.00%	\$ -
Settlement Agreement					
(%) (\$) (%) (\$)					
Debt					
8	Long-term Debt	0.00%	\$ -	3.86%	\$ -
9	Short-term Debt	0.00%	\$ -	6.23%	\$ -
10	Total Debt	0.00%	\$ -	0.00%	\$ -
Equity					
11	Common Equity	0.00%	\$ -	9.21%	\$ -
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	0.00%	\$ -	0.00%	\$ -
14	Total	0.00%	\$9,939,710	0.00%	\$ -
Per Board Decision					
(%) (\$) (%) (\$)					
Debt					
8	Long-term Debt	0.00%	\$ -	3.86%	\$ -
9	Short-term Debt	0.00%	\$ -	6.23%	\$ -
10	Total Debt	0.00%	\$ -	0.00%	\$ -
Equity					
11	Common Equity	0.00%	\$ -	9.21%	\$ -
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	0.00%	\$ -	0.00%	\$ -
14	Total	0.00%	\$9,939,710	0.00%	\$ -

Notes



Revenue Requirement Workform (RRWF) for 2025 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Settlement Agreement		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$1,985,737		\$1,385,862		\$6,796,350		\$6,796,350
2	Distribution Revenue	\$3,976,708	\$3,450,488	\$3,976,708	\$4,050,362	\$ -	(\$6,796,350)	\$ -	(\$6,796,350)
3	Other Operating Revenue	\$247,849	\$247,849	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Offsets - net								
4	Total Revenue	\$4,224,557	\$5,684,074	\$3,976,708	\$5,436,225	\$ -	\$ -	\$ -	\$ -
5	Operating Expenses	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317
6	Deemed Interest Expense	\$272,533	\$272,533	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Total Cost and Expenses	\$5,267,850	\$5,267,850	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317	\$4,995,317
9	Utility Income Before Income Taxes	(\$1,043,293)	\$416,223	(\$1,018,609)	\$440,908	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$455,357)	(\$455,357)	(\$455,357)	(\$455,357)	\$ -	\$ -	\$ -	\$ -
11	Taxable Income	(\$1,498,650)	(\$39,134)	(\$1,473,966)	(\$14,449)	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Utility Net Income	(\$1,043,293)	\$416,223	(\$1,018,609)	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)	(\$4,995,317)
16	Utility Rate Base	\$11,298,137	\$11,298,137	\$9,939,710	\$9,939,710	\$9,939,710	\$9,939,710	\$9,939,710	\$9,939,710
17	Deemed Equity Portion of Rate Base	\$4,519,255	\$4,519,255	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Income/(Equity Portion of Rate Base)	-23.09%	9.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	Target Return - Equity on Rate Base	9.21%	9.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20	Deficiency/Sufficiency in Return on Equity	-32.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
21	Indicated Rate of Return	-6.82%	6.10%	-10.25%	0.00%	-50.26%	0.00%	-50.26%	0.00%
22	Requested Rate of Return on Rate Base	6.10%	6.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
23	Deficiency/Sufficiency in Rate of Return	-12.92%	0.00%	-10.25%	0.00%	-50.26%	0.00%	-50.26%	0.00%
24	Target Return on Equity	\$416,223	\$416,223	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Revenue Deficiency/(Sufficiency)	\$1,459,517	\$ -	\$1,018,609	\$ -	\$4,995,317	\$ -	\$4,995,317	\$ -
26	Gross Revenue Deficiency/(Sufficiency)	\$1,985,737 ⁽¹⁾		\$1,385,862 ⁽¹⁾		\$6,796,350 ⁽¹⁾		\$6,796,350 ⁽¹⁾	

Notes:

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



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Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Settlement Agreement	Per Board Decision
1	OM&A Expenses	\$4,547,882	\$4,547,882	\$4,547,882	\$4,547,882
2	Amortization/Depreciation	\$444,406	\$444,406	\$444,406	\$444,406
3	Property Taxes	\$3,029	\$3,029	\$3,029	\$3,029
5	Income Taxes (Grossed up)	\$ -	\$ -	\$ -	\$ -
6	Other Expenses	\$ -	\$ -	\$ -	\$ -
7	Return				
	Deemed Interest Expense	\$272,533	\$ -	\$ -	\$ -
	Return on Deemed Equity	\$416,223	\$ -	\$ -	\$ -
8	Service Revenue Requirement (before Revenues)	<u>\$5,684,074</u>	<u>\$4,995,317</u>	<u>\$4,995,317</u>	<u>\$4,995,317</u>
9	Revenue Offsets	\$247,849	\$ -	\$ -	\$ -
10	Base Revenue Requirement (excluding Transformer Ownership Allowance credit adjustment)	<u>\$5,436,225</u>	<u>\$4,995,317</u>	<u>\$4,995,317</u>	<u>\$4,995,317</u>
11	Distribution revenue	\$5,436,225	\$ -	\$ -	\$ -
12	Other revenue	\$247,849	\$ -	\$ -	\$ -
13	Total revenue	<u>\$5,684,074</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ -</u> ⁽¹⁾	<u>(\$4,995,317)</u> ⁽¹⁾	<u>(\$4,995,317)</u> ⁽¹⁾	<u>(\$4,995,317)</u> ⁽¹⁾

Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application	Interrogatory Responses	Δ% ⁽²⁾	Settlement Agreement	Δ% ⁽²⁾	Per Board Decision	Δ% ⁽²⁾
Service Revenue Requirement Grossed-Up Revenue Deficiency/(Sufficiency)	\$5,684,074	\$4,995,317	###	\$4,995,317	#####	\$4,995,317	(12.12%)
Base Revenue Requirement (to be recovered from Distribution Rates)	\$5,436,225	\$4,995,317	###	\$4,995,317	(8.11%)	\$4,995,317	(8.11%)
Revenue Deficiency/(Sufficiency) Associated with Base Revenue Requirement	\$1,459,517	\$ -	###	\$ -	#####	\$ -	(100.00%)

Notes

⁽¹⁾ Line 11 - Line 8

⁽²⁾ Percentage Change Relative to Initial Application

Revenue Requirement Workform (RRWF) for 2025 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 and trends from historical actuals to the Bridge and Test Year forecasts.

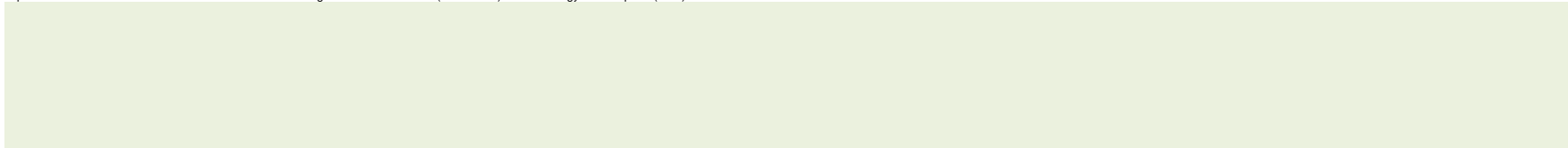
Stage in Process:

Initial Application

	Customer Class Input the name of each customer class.	Initial Application			Interrogatory Responses			Settlement Agreement			Per Board Decision		
		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	Customer / Connections Test Year average or mid-year	kWh Annual	kW/kVA ⁽¹⁾ Annual
1	Residential	5,179	41,340,698										
2	General Service < 50 kW	707	17,945,241										
3	General Service 50-4,999 kW	69	56,240,557	155,213									
4	Street Lighting	1,710	491,060	1,468									
5	Unmetered Scattered Load	22	163,953										
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
Total			116,181,510	156,681									

Notes:

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





Revenue Requirement Workform (RRWF) for 2025 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: *Initial Application*

A) Allocated Costs

Name of Customer Class ⁽³⁾	Costs Allocated from Previous Study ⁽¹⁾	%	Allocated Class Revenue Requirement ⁽¹⁾	%
<i>From Sheet 10. Load Forecast</i>				
1 Residential	\$ 2,528,613	68.71%	\$ 3,858,904	67.89%
2 General Service < 50 kW	\$ 603,864	16.41%	\$ 725,876	12.77%
3 General Service 50-4,999 kW	\$ 331,484	9.01%	\$ 727,399	12.80%
4 Street Lighting	\$ 209,689	5.70%	\$ 359,877	6.33%
5 Unmetered Scattered Load	\$ 6,427	0.17%	\$ 12,019	0.21%
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
Total	\$ 3,680,077	100.00%	\$ 5,684,075	100.00%
Service Revenue Requirement (from Sheet 9)			\$ 5,684,073.86	

- (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	\$ 2,723,293	\$ 3,722,786	\$ 3,722,786	\$ 166,861
2	General Service < 50 kW	\$ 706,056	\$ 965,190	\$ 839,893	\$ 31,158
3	General Service 50-4,999 kW	\$ 334,308	\$ 457,005	\$ 608,915	\$ 40,494
4	Street Lighting	\$ 204,467	\$ 279,510	\$ 252,896	\$ 8,801
5	Unmetered Scattered Load	\$ 8,584	\$ 11,735	\$ 11,735	\$ 535
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
Total		\$ 3,976,708	\$ 5,436,226	\$ 5,436,226	\$ 247,849

- (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.
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.
- (6)
- (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: 2017 %	Status Quo Ratios (7C + 7E) / (7A) %	Proposed Ratios (7D + 7E) / (7A) %	Policy Range %
1	Residential	96.91%	100.80%	100.80%	85 - 115
2	General Service < 50 kW	116.12%	137.26%	120.00%	80 - 120
3	General Service 50-4,999 kW	104.54%	68.39%	89.28%	80 - 120
4	Street Lighting	120.00%	80.11%	72.72%	80 - 120
5	Unmetered Scattered Load	83.09%	102.09%	102.09%	80 - 120
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

- (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 2020 with further adjustments to move within the range over two years, the Most Recent Year would be 2023. However, the ratios in 2023 would be equal to those after the adjustment in 2022.
- (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		
		2025	2026	2027	
1	Residential	100.80%	100.80%	100.80%	85 - 115
2	General Service < 50 kW	120.00%	119.03%	116.39%	80 - 120
3	General Service 50-4,999 kW	89.28%	89.28%	89.28%	80 - 120
4	Street Lighting	72.72%	74.67%	80.00%	80 - 120
5	Unmetered Scattered Load	102.09%	102.09%	102.09%	80 - 120
6					
7					
8					
9					
10					
11					
12					
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20					

(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2025 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 2026 and 2027 Price Cap IR models, as necessary. For 2026 and 2027, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2026 (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'.

Revenue Requirement Workform (RRWF) for 2025 Filers

Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and volumetric 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:		Initial Application				Class Allocated Revenues			Fixed / Variable Splits ^{1,3}		Distribution Rates				Revenue Reconciliation		
Customer and Load Forecast					From Sheet 11, Cost Allocation and Sheet 12, Residential Rate Design			Percentage to be entered as a fraction between 0 and 1		Transformer Ownership Allowance ¹ (\$)	Monthly Service Charge ²		Volumetric Rate ³		MSC Revenues	Volumetric revenues	Distribution Revenues less Transformer Ownership
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable		Rate	No. of decimals	Rate	No. of decimals			
From sheet 10, Load Forecast																	
1	Residential	kWh	5,179	41,340,698	\$ 3,722,786	\$ 3,722,786	\$ -	100.00%	0.00%	\$59.90	2	\$0.0000 /kWh	4	\$ 3,722,620.91	\$ -	\$ 3,722,620.91	
2	General Service < 50 kW	kWh	707	17,945,241	\$ 839,893	\$ 385,244	\$ 454,649	45.87%	54.13%	\$45.41		\$0.0253 /kWh		\$ 385,243.82	\$ 454,014.6061	\$ 839,258.42	
3	General Service 50-4,999 kW	kWh	69	56,240,557	\$ 608,915	\$ 260,706	\$ 348,209	42.81%	57.19%	\$314.86		\$2.6459 /kW		\$ 260,708.31	\$ 410,678.6862	\$ 608,917.93	
4	Street Lighting	kW	1,710	491,060	\$ 252,896	\$ 233,312	\$ 19,584	92.26%	7.74%	\$11.37		\$13.3409 /kW		\$ 233,312.40	\$ 19,583.8900	\$ 252,896.29	
5	Unmetered Scattered Load	kWh	22	163,953	\$ 11,735	\$ 6,983	\$ 4,752	59.51%	40.49%	\$26.45		\$0.0290 /kWh		\$ 6,982.80	\$ 4,754.6370	\$ 11,737.44	
6														\$ -	\$ -	\$ -	
7														\$ -	\$ -	\$ -	
8														\$ -	\$ -	\$ -	
9														\$ -	\$ -	\$ -	
#														\$ -	\$ -	\$ -	
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Total Transformer Ownership Allowance										\$	62,469						
													Rates recover revenue requirement				
													Total Distribution Revenues	\$ 5,435,430.99			
													Base Revenue Requirement	\$ 5,436,224.86			
													Difference	-\$ 793.87			
													% Difference	-0.015%			

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 calculated as: [MSC x (average number of customers or connections) x 12 months] / (Class Allocated Revenue Requirement).

³ The Volumetric rate is calculated as [(allocated volumetric revenue requirement for the class + transformer allowance credit for the class)/(annual estimate of the charge determinant for the test year (either kW or kVA for demand-billed customer classes, or kWh for non-demand-billed classes))]



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2025 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

Reference ⁽¹⁾	Item / Description ⁽²⁾	Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
		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	\$ 688,757	6.10%	\$ 11,298,137	\$ 18,112,365	\$ 1,358,427	\$ 444,406	\$ -	\$ 4,547,882	\$ 5,684,074	\$ 247,849	\$ 5,436,225	\$ 1,985,737