# EXHIBIT 6: REVENUE DEFICIENCY

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| 2  | 2.6.1    | OVERVIEW   |
|----|----------|--|
| 3  | NBHDI    | has included the following information in this Exhibit, excluding energy costs and energy sales (i.e., |
| 4  | cost of  | power and other associated costs):   |
| 5  |          |  |
| 6  | •        | Determination of Net Utility Income  |
| 7  | •        | Statement of Rate Base   |
| 8  | •        | Actual Utility Return on Rate Base   |
| 9  | •        | Indicated Rate of Return   |
| 10 | •        | Requested Rate of Return   |
| 11 | •        | Gross Deficiency in Revenue  |
| 12 |          |  |
| 13 | These    | items are presented in Table 6-5 Revenue Deficiency Calculation. The information in this Exhibit       |
| 14 | suppor   | ts NBDHL's request in this Application for an increase in its Revenue Requirement to support the       |
| 15 | propos   | ed operating and capital expenditures for 2021, and to service debt, and provide the allowed Return    |
| 16 | on Equ   | ity.   |
| 17 |          |  |
| 18 | NBDHI    | 's revenue deficiency for the 2021 Test Year is \$1,770,175. This deficiency is calculated as the      |
| 19 | differer | nce between the 2021 Test Year Revenue Requirement of \$15,685,587 and the 2021 Revenue at             |
|    |          | ····· · · · · · · · · · · · · · · · ·  |

**EXHIBIT 6: REVENUE DEFICIENCY** 

- 20 Existing rates which is based on the 2020 approved rates, at \$12,686,946 as shown in Table 6-1 below.
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### Table 6 - 1: 2021 Revenue at Existing Rates

| Class               | Annual kWh  | Annual kW<br>For Dx | Annualized<br>Customers | Annualized<br>Connections | Fixed<br>Distribution<br>Revenue | Variable<br>Distribution<br>Revenue | Dist. Rev.<br>Including<br>Transformer | Transformer<br>Allowance | Dist. Rev.<br>Excluding<br>Transformer |
|---------------------|-------------|---------------------|-------------------------|---------------------------|----------------------------------|-------------------------------------|--|--------------------------|--|
| Residential         | 201,705,111 |                     | 256,224                 |                           | \$7,479,179                      | \$-                                 | \$ 7,479,179                           | \$-                      | \$ 7,479,179                           |
| GS < 50 kW          | 79,035,853  |                     | 31,788                  |                           | \$ 794,700                       | \$1,517,488                         | \$ 2,312,188                           | \$-                      | \$ 2,312,188                           |
| GS >50 to 2999 kW   | 193,697,533 | 514,190             | 3,228                   |                           | \$1,019,241                      | \$1,355,355                         | \$ 2,374,596                           | \$ 91,844                | \$ 2,282,752                           |
| GS >3000 to 4999 kW | 14,455,054  | 27,098              | 12                      |                           | \$ 80,810                        | \$ 33,542                           | \$ 114,352                             | \$ 16,259                | \$ 98,093                              |
| Street Lighting     | 2,036,369   | 5,690               |                         | 65,088                    | \$ 329,345                       | \$ 154,509                          | \$ 483,854                             | \$-                      | \$ 483,854                             |
| Sentinel Lighting   | 117,429     | 298                 |                         | 4,800                     | \$ 24,480                        | \$ 5,301                            | \$ 29,781                              | \$-                      | \$ 29,781                              |
| UMSL                | 39,490      |                     |                         | 108                       | \$ 597                           | \$ 502                              | \$ 1,099                               | \$-                      | \$ 1,099                               |
| Total               | 491,086,840 | 547,277             | 291,252                 | 69,996                    | \$9,728,352                      | \$3,066,697                         | \$12,795,049                           | \$ 108,103               | \$12,686,946                           |

23

24 NBDHL has completed the Revenue Requirement Work Form ("RRWF") as provided by the Board. The

25 RRWF has been filed in live Excel format, and is also included as a PDF version in Appendix 6-A to this

26 Exhibit.

| 1  | The Re    | evenue Deficiency Computation does not include: (i) Recovery of Deferral and Variance Accounts;        |
|----|-----------|--|
| 2  | or (ii) ( | Other electricity charges which include Energy Commodity, Transmission Charges, and Wholesale          |
| 3  | Market    | Service Charges. These items are considered elsewhere in this Application and are treated either       |
| 4  | as reco   | overies/dispositions of regulatory assets/liabilities or as energy related costs recorded in the OEB's |
| 5  | prescri   | bed Retail Settlement Variance Accounts.   |
| 6  |           |  |
| 7  | 2.6.2     | REVENUE REQUIREMENT  |
| 8  | NBDH      | L's Revenue Requirement consists of the following:   |
| 9  |           |  |
| 10 | -         | Administrative & General, Billing & Collecting Expense   |
| 11 | -         | Operation & Maintenance Expense  |
| 12 | -         | Depreciation Expense   |
| 13 | -         | Property Taxes   |
| 14 | -         | PILs   |
| 15 | -         | Deemed Interest & Return on Equity   |
| 16 |           |  |
| 17 | NBDH      | L's revenue requirement is primarily received through electricity distribution rates with supplemental |
| 18 | revenu    | e from Board-approved specific service charges, late payment charges, and other operating income.      |
| 19 |           |  |
| 20 | 2.6.2.    | 1 Determination of Net Utility Income  |

NBHDL has determined its allowable 2021 Net Income as \$2,542,949. Table 6-2 Provides the detailed
 calculation.

| Details                               | Application |
|---------------------------------------|-------------|
| Operating Revenues:                   |             |
| Distribution Revenue (Proposed Rates) | 14,457,121  |
| Other Revenue                         | 1,228,466   |
| Total                                 | 15,685,587  |
| Operating Expenses:                   |             |
| OM&A                                  | 8,565,938   |
| Depreciation/Amortization             | 3,348,110   |
| Property Taxes                        | 96,944      |
| Other                                 | 18,823      |
| Total                                 | 12,029,815  |
| Deemed Interest Expense               | 1,112,823   |
| Total Expenses                        | 13,142,638  |
| PILs                                  | -           |
| Utility Net Income                    | 2,542,949   |

### Table 6 - 2: Net Utility Income

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### 4 2.6.2.2 Statement of Rate Base

5 A summary of NBHDL's Rate Base for the 2021 Test Year, calculated on NBHDL's deemed capital structure

6 in accordance with the OEB Filing Requirements, is summarized in Table 6-3. NBHDL's 2021 Rate Base7 is \$76,227,486.

8

### Table 6 - 3: Rate Base

| Details                          | Application  |
|----------------------------------|--------------|
| Net Fixed Assets:                |              |
| Average Gross Fixed Assets       | 141,028,782  |
| Average Accumulated Depreciation | (70,406,309) |
| Average Net Fixed Assets:        | 70,622,473   |
|                                  |              |
| Allowance for Working Capital    | 5,605,013    |
|                                  |              |
| Total Rate Base                  | 76,227,486   |

9 10

### 11 **2.6.2.3** Actual Utility Return on Rate Base

12 Table 6-4 summarizes NBHDL's 2021 Test Year at Existing Rates and the 2021 Test Year at Proposed

13 Rates in order to achieve the Required Revenue.

| Description                      | 2021 Existing<br>Rates | 2021<br>Required<br>Revenue |
|----------------------------------|------------------------|-----------------------------|
| Actual Return on Rate Base       |                        |                             |
| Rate Base                        | 76,227,486             | 76,227,486                  |
| Interest Expense                 | 1,112,823              | 1,112,823                   |
| Net Income                       | 772,774                | 2,542,949                   |
| Total Actual Return on Rate Base | 1,885,597              | 3,655,772                   |
| Actual Return on Rate Base       | 2.47%                  | 4.80%                       |
|                                  | 2.4770                 | 4.0070                      |
| Required Return on Rate Base     |                        |                             |
| Rate Base                        | 76,227,486             | 76,227,486                  |
| Return Rates                     |                        |                             |
| Return on Debt                   | 2.43%                  | 2.43%                       |
| Return on Equity                 | 8.34%                  | 8.34%                       |
| Deemed Interest Expense          | 1,112,823              | 1,112,823                   |
| Return on Equity                 | 2,542,949              | 2,542,949                   |
| Total Return                     | 3,655,772              | 3,655,772                   |
| Expected Return on Rate Base     | 4.80%                  | 4.80%                       |

### Table 6 - 4: Return on Rate Base

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### 4 2.6.2.4 Indicated Rate of Return

NBHDL's 2021 Indicated Rate of Return is 4.80% as presented in Table 6-5 and is calculated as the sum
of Utility Net Income and Deemed Interest Expense divided by the Utility Rate of Return on Rate Base.

7

### 8 2.6.2.5 Requested Rate of Return

9 NBHDL has determined its requested Rate of Return on Base to be 4.80% or \$2,542,949. Table 6-4 above
10 summarizes the computation of NBHDL's 2021 Requested Rate of Return on Rate Base of 4.80%.

11

12 As summarized in Table 6-4, in the absence of a change to distribution rates for 2021, as proposed in this

13 Application, and assuming that the 2020 Approved rates remained unchanged, NBHDL's Return on Rate

14 Base would be \$1,885,597 or 2.47%.

### 1 **2.6.2.6** Deficiency or Sufficiency in Revenue

NBHDL has provided a detailed calculation supporting its 2021 Revenue Deficiency in Table 6-5 in this
 Exhibit.

4

### 5 2.6.2.7 Gross Deficiency or Sufficiency in Revenue

6 As NBHDL is not expecting to be in a position to pay PILs in 2021, it has not "grossed up" its deficiency.

7 Utilizing the 2020 bridge year forecast, NBHDL expects to be in a loss carry-forward position for 2020. This

8 loss will be carried into future years to offset taxable income. NBHDL will provide an update on 2020 actuals

9 as part of the interrogatory process.

|  | y Determina              |                          | 0004 -                  |
|--|--------------------------|--------------------------|-------------------------|
|  |                          | 2021 Test                | 2021 Test               |
| Description  | 2020<br>Bridge           | Existing<br>Rates        | Required<br>Revenue     |
| Description<br>Revenue                                 | Bridge                   | Rales                    | Revenue                 |
| Revenue Deficiency                                     |                          |                          | 1,770,175               |
| Distribution Revenue                                   | 12,391,015               | 12,686,946               | 12,686,946              |
| Other Operating Revenue (Net)                          | 588,415                  | 1,228,466                | 1,228,466               |
| Total Revenue  | 12,979,430               | 13,915,412               | 15,685,587              |
|  |                          |                          |                         |
| Costs and Expenses                                     |                          |                          |                         |
| Administrative & General, Billing & Collecting         | 4,470,983                | 4,923,849                | 4,923,849               |
| Operation & Maintenance                                | 2,981,844                | 3,642,089                | 3,642,089               |
| Donations - LEAP                                       | 15,560                   | 18,823                   | 18,823                  |
| Depreciation & Amortization                            | 3,120,296                | 3,348,110                | 3,348,110               |
| Property Taxes<br>Deemed Interest                      | 93,665<br>1 864 643      | 96,944                   | 96,944                  |
| Total Costs and Expenses                               | 1,864,643<br>12,546,992  | 1,112,823<br>13,142,638  | 1,112,823<br>13,142,638 |
|  | 12,540,552               | 13,142,030               | 13,142,030              |
| Utility Income Before Income Taxes                     | 432,438                  | 772,774                  | 2,542,949               |
| Income Taxes:  |                          |                          |                         |
| Corporate Income Taxes                                 | 0                        | 0                        | 0                       |
| Total Income Taxes                                     | 0                        | 0                        | 0                       |
|  |                          |                          |                         |
| Utility Net Income                                     | 432,438                  | 772,774                  | 2,542,949               |
|  |                          |                          |                         |
|  |                          |                          |                         |
| Income Tax Expense Calculation:                        |                          |                          |                         |
| Accounting Income                                      | 432,438                  | 772,774                  | 2,542,949               |
| Tax Adjustments to Accounting Income<br>Taxable Income | (2,461,781)              | (2,542,949)              | (2,542,949)             |
| Income tax expense before credits                      | (2,029,342)<br>(537,776) | (1,770,175)<br>(469,096) | (0)<br>(0)              |
| Credits  | 0                        | (403,030)<br><b>0</b>    | 0                       |
| Income Tax Expense                                     | (537,776)                | (469,097)                | (0)                     |
| Tax Rate Refecting Tax Credits                         | 26.5%                    | 26.5%                    | 26.5%                   |
|  |                          |                          |                         |
| Actual Return on Rate Base:                            |                          |                          |                         |
| Rate Base  | 75,773,859               | 76,227,486               | 76,227,486              |
|  |                          |                          |                         |
| Interest Expense                                       | 1,864,643                | 1,112,823                | 1,112,823               |
| Net Income   | 432,438                  | 772,774                  | 2,542,949               |
| Total Actual Return on Rate Base                       | 2,297,081                | 1,885,597                | 3,655,772               |
| Actual Return on Rate Base                             | 3.03%                    | 2.47%                    | 4.80%                   |
|  |                          |                          |                         |
| Required Return on Rate Base:                          |                          |                          |                         |
| Rate Base  | 75,773,859               | 76,227,486               | 76,227,486              |
|  |                          |                          |                         |
| Return Rates:  | 4 100/                   | 2 420/                   | 2 420/                  |
| Return on Debt (Weighted)                              | 4.10%<br>9.30%           | 2.43%<br>8.34%           | 2.43%<br>8.34%          |
| Return on Equity                                       | 9.30%                    | 8.34%                    | 8.34%                   |
| Deemed Interest Expense                                | 1,864,643                | 1,112,823                | 1,112,823               |
| Return On Equity                                       | 2,818,788                | 2,542,949                | 2,542,949               |
| Total Return   | 4,683,431                | 3,655,772                | 3,655,772               |
|  |                          |                          |                         |
| Expected Return on Rate Base                           | 6.18%                    | 4.80%                    | 4.80%                   |
|  |                          |                          |                         |
| Revenue Deficiency After Tax                           | 2,386,349                | 1,770,175                | 0                       |
| Revenue Deficiency Before Tax                          | 3,246,734                | 1,770,175                | 0                       |

### Table 6 - 5: Revenue Deficiency Calculation

1 2

### 2.6.3 COST DRIVERS OF REVENUE DEFICIENCY

Table 6-6 below summarizes the contributors to the revenue deficiency by revenue requirement component. Column A lists the 2015 Board Approved amounts. Column B shows the 2021 revenue at existing rates shown in Table 6-1 allocated to revenue requirement component based on the proportions in Column A. It is NBDHL's view that Column B estimates the revenue requirement components for revenue at existing rates based on the components assumed in existing rates. Column C lists NBDHL's proposed 2021 components. Finally, Column D represents the difference between Column C and Column B which provides an estimate of the revenue requirement components for the revenue deficiency of \$1,770,175

10

### Table 6 - 6: Revenue Deficiency by Revenue Requirement Component

| Service Revenue<br>Requirement | 2015<br>Approved<br>(A) | 2021 Revenue at Existing<br>Rates Allocated in<br>Proportion to 2015 Approved<br>(B) | 2021<br>Proposed<br>(C) | Revenue<br>Deficiency<br>(D) = (C) - (B) |
|--------------------------------|-------------------------|--|-------------------------|--|
| OM&A                           | \$6,429,729             | \$6,899,961  | \$8,565,938             | \$1,665,977                              |
| Depreciation                   | \$2,489,076             | \$2,671,113  | \$3,348,110             | \$676,998                                |
| Property Tax                   | \$69,876                | \$74,987   | \$96,944                | \$21,957                                 |
| PILs                           | \$202,184               | \$216,971  | (\$0)                   | (\$216,971)                              |
| Other Expenses                 | \$16,700                | \$17,921   | \$18,823                | \$901                                    |
| Deemed Interest Expense        | \$1,497,051             | \$1,606,537  | \$1,112,823             | (\$493,714)                              |
| Return on Deemed Equity        | \$2,262,460             | \$2,427,923  | \$2,542,949             | \$115,026                                |
| Total                          | \$12,967,077            | \$13,915,412   | \$15,685,587            | \$1,770,175                              |

11 12

The revenue deficiency of \$1,770,175 for the 2021 Test Year is principally a result of increases in the following components: (i) increased OM&A; (ii) increased depreciation; and (iii) higher return on deemed equity; partially offset by lower deemed interest expense and no taxes. These factors are further explained below:

17

The cost increases in OM&A from 2015 to 2021 is \$2,136,209 which includes \$1,665,977 of
 OM&A in the revenue deficiency. The details associated with the \$2,136,209 are provided in
 Exhibit 4. Please refer to Exhibit 4, Table 4-12 - OM&A Cost Variances – 2021 Test Year
 Comparisons.

- Depreciation has increased as a result of the increase in net fixed assets in service. The 2015
   Board Approved average net fixed assets was \$53,415,660 compared to \$70,622,472 in the 2021
   Test Year (Exhibit 2, Table 2-1). Details with respect to the increases in the net fixed assets is
   provided in evidence in Exhibit 2.
- 26

- PILs has been reduced to zero as a result of higher net negative tax adjustments, primarily driven 1 ٠ 2 by the use of accelerated CCA, as well as a loss carry available to offset test year taxable income. 3 Details can be found in the PILs Work Form in Exhibit 4 (Appendix 4-D). 4 5 A higher return on deemed equity results from increase in total Rate Base of \$15,408,668 (Exhibit ٠ 6 2, Table 2-1). The increase in net fixed assets was \$17,206,812, and was partially offset by a 7 reduction in the working capital allowance of \$1,798,143. The Working Capital Allowance has decreased as result of a reduction in the working capital allowance percentage from 10.31% in 8 9 2015 to 7.5% in 2021 based on the Board Approved working capital allowance. 10
- 11 **2.6.3.1 Change in Methodology**

12 NBHDL has not made any changes to methodologies to deficiency / sufficiency and on the individual cost

13 drivers contributing to it.

### 1 APPENDIX 6-A: REVENUE REQUIREMENT WORK FORM

|                    | quirement Workform<br>for 2021 Filers                              | Version 1.00 |
|--------------------|--|--------------|
| Utility Name       | North Bay Hydro Distribution Limited - North Bay service territory |              |
| Service Territory  |  |              |
| Assigned EB Number | EB-2020-0043   |              |
| Name and Title     | Micheal Roth - Regulatory Manager                                  |              |
| Phone Number       | 705-474-8100   |              |
| Email Address      | mroth@northbayhydro.com  |              |
| Test Year          | 2021   |              |
| Bridge Year        | 2020   |              |
| Last Rebasing Year | 2015   |              |

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 interventent avork 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.

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

# Ontario Energy Board **Revenue Requirement Workform** (RRWF) for 2021 Filers

### 1. Info

### 8. Rev Def Suff

2. Table of Contents

3. Data Input Sheet

4. Rate Base

5. Utility Income

6. Taxes PILs

7. Cost of Capital

9. Rev Reqt

10. Load Forecast

11. Cost Allocation

12. Residential Rate Design

13. Rate Design and Revenue Reconciliation

14. Tracking Sheet

Notes: (1)

- Pale green cells represent inputs

- Pale green boxes at the bottom of each page are for additional notes Pale yellow cells represent drop-down lists Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled. Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format. (2) (3) (4) (5)

2 3

### Ontario Energy Board Revenue Requirement Workform (RRWF) for 2021 Filers

Data Input (1)

1

|   |  | Initial<br>Application      | (2) |                               | (6) | Per Board<br>Decision     |     |
|---|--|-----------------------------|-----|-------------------------------|-----|---------------------------|-----|
| 1 | Rate Base  |                             |     |                               |     |                           |     |
|   | Gross Fixed Assets (average)                                 | \$141,028,782               |     | \$ 141,028,782                |     | \$141,028,78              |     |
|   | Accumulated Depreciation (average)                           | (\$70,406,309)              | (5) | (\$70,406,309                 |     | (\$70,406,30              | 9)  |
|   | Allowance for Working Capital:<br>Controllable Expenses      | to 004 704                  |     |                               |     | 40.004.70                 |     |
|   | Controllable Expenses<br>Cost of Power                       | \$8,681,704<br>\$66,051,805 |     | \$ 8,681,704<br>\$ 66,051,805 |     | \$8,681,70<br>\$66,051,80 |     |
|   | Working Capital Rate (%)                                     | 7.50%                       | (9) | \$ 00,001,000                 | (9) | 400,031,00                | (9) |
|   |  |                             |     |                               |     |                           |     |
| 2 | Utility Income   |                             |     |                               |     |                           |     |
|   | Operating Revenues:<br>Distribution Revenue at Current Rates | \$12,686,946                |     |                               |     |                           |     |
|   | Distribution Revenue at Proposed Rates                       | \$14,457,121                |     |                               |     |                           |     |
|   | Other Revenue:   | *******                     |     |                               |     |                           |     |
|   | Specific Service Charges                                     | \$111,570                   |     |                               |     |                           |     |
|   | Late Payment Charges   | \$150,473                   |     |                               |     |                           |     |
|   | Other Distribution Revenue<br>Other Income and Deductions    | \$760,311<br>\$206,112      |     |                               |     |                           |     |
|   | Other Income and Deductions                                  | \$200,112                   |     |                               |     |                           |     |
|   | Total Revenue Offsets  | \$1,228,466                 | m   |                               |     |                           |     |
|   | Operating Expenses:  |                             |     |                               |     |                           |     |
|   | OM+A Expenses  | \$8,565,938                 |     | \$ 8,565,938                  |     | \$8.565.93                | 8   |
|   | Depreciation/Amortization                                    | \$3,348,110                 |     | \$ 3,348,110                  |     | \$3,348,11                |     |
|   | Property taxes   | \$96,944                    |     | \$ 96,944                     |     | \$96,94                   |     |
|   | Other expenses   | \$18,823                    |     | 18822.66284                   |     | \$18,82                   | 3   |
| 3 | Taxes/PILs   |                             |     |                               |     |                           |     |
|   | Taxable Income:  |                             |     |                               |     |                           |     |
|   | Adjustments required to arrive at taxable<br>income          | (\$2,542,949)               | (3) |                               |     |                           |     |
|   | Utility Income Taxes and Rates:                              |                             |     |                               |     |                           |     |
|   | Income taxes (not grossed up)<br>Income taxes (grossed up)   | (\$0)                       |     |                               |     |                           |     |
|   | Federal tax (%)  | (\$0)<br>15.00%             |     |                               |     |                           |     |
|   | Provincial tax (%)   | 11.50%                      |     |                               |     |                           |     |
|   | Income Tax Credits   |                             |     |                               |     |                           |     |
| 4 | Capitalization/Cost of Capital<br>Capital Structure:         |                             |     |                               |     |                           |     |
|   | Long-term debt Capitalization Ratio (%)                      | 56.0%                       |     |                               |     |                           |     |
|   | Short-term debt Capitalization Ratio (%)                     | 4.0%                        | (8) |                               | (8) |                           | (8) |
|   | Common Equity Capitalization Ratio (%)                       | 40.0%                       |     |                               |     |                           |     |
|   | Prefered Shares Capitalization Ratio (%)                     | 0.0%                        |     |                               |     |                           |     |
|   |  | 100.0%                      |     |                               |     |                           |     |
|   | 0  |                             |     |                               |     |                           |     |
|   | Cost of Capital<br>Long-term debt Cost Rate (%)              | 2.48%                       |     |                               |     |                           |     |
|   | Short-term debt Cost Rate (%)                                | 2.40%                       |     |                               |     |                           |     |
|   | Common Equity Cost Rate (%)                                  | 8.34%                       |     |                               |     |                           |     |
|   | Prefered Shares Cost Rate (%)                                | 0.00%                       |     |                               |     |                           |     |

Notes

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. All inputs are in dollars (\$) except where inputs are individually identified as percentages (%) Data in column E is for Application as oniginally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column 1. General

(2)

(3) (4)

(5)

Average of Cross Fixed Assets at beginning and end of the Test Year. Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount. Select option from drop-down list by clicking on cell M 12. 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. (6)

2

0

butching of any settlement in buckets can be relected. Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement 4.0% unless an Applicant has proposed or been approved for another amount. 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. (8) (9)

### Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2021 Filers

Rate Base and Working Capital

|             | Rate Base                          |     |                        |               |                |      |                       |
|-------------|------------------------------------|-----|------------------------|---------------|----------------|------|-----------------------|
| Line<br>No. | Particulars                        | _   | Initial<br>Application |               |                |      | Per Board<br>Decision |
| 1           | Gross Fixed Assets (average)       | (2) | \$141,028,782          | \$ -          | \$141,028,782  | \$-  | \$141,028,782         |
| 2           | Accumulated Depreciation (average) | (2) | (\$70,406,309)         | \$-           | (\$70,406,309) | \$-  | (\$70,406,309)        |
| 3           | Net Fixed Assets (average)         | (2) | \$70,622,473           | \$-           | \$70,622,473   | \$ - | \$70,622,473          |
| 4           | Allowance for Working Capital      | (1) | \$5,605,013            | (\$5,605,013) | \$             | \$ - | \$-                   |
| 5           | Total Rate Base                    | -   | \$76,227,486           | (\$5,605,013) | \$70,622,473   | \$ - | \$70,622,473          |

(1) Allowance for Working Capital - Derivation

| 6 | Controllable Expenses     |     | \$8,681,704  | \$ -          | \$8,681,704  | \$-   | \$8,681,704  |
|---|---------------------------|-----|--------------|---------------|--------------|-------|--------------|
| 7 | Cost of Power             |     | \$66,051,805 | \$-           | \$66,051,805 | \$ -  | \$66,051,805 |
| 8 | Working Capital Base      |     | \$74,733,509 | \$-           | \$74,733,509 | \$ -  | \$74,733,509 |
| 9 | Working Capital Rate %    | (1) | 7.50%        | -7.50%        | 0.00%        | 0.00% | 0.00%        |
| 0 | Working Capital Allowance |     | \$5,605,013  | (\$5,605,013) | \$-          | \$-   | S            |

Notes

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.
 Average of opening and closing balances for the year.

### Ontario Energy Board

otal Revenue Offsets

\$1,228,466

# Revenue Requirement Workform (RRWF) for 2021 Filers

Utility Income

| Line<br>No. | Particulars  | Initial<br>Application |                |                |             | Per Board<br>Decision |
|-------------|--|------------------------|----------------|----------------|-------------|-----------------------|
| 1           | Operating Revenues:<br>Distribution Revenue (at<br>Proposed Rates) | \$14,457,121           | (\$14,457,121) | \$-            | \$-         | \$-                   |
| 2           | Other Revenue  | 1) \$1,228,466         | (\$1,228,466)  | \$-            | \$-         | \$-                   |
| 3           | Total Operating Revenues   | \$15,685,587           | (\$15,685,587) | <u>\$-</u>     | \$-         | \$-                   |
|             | Operating Expenses:  |                        |                |                |             |                       |
| 4           | OM+A Expenses  | \$8,565,938            | \$-            | \$8,565,938    | <b>\$</b> - | \$8,565,938           |
| 5           | Depreciation/Amortization  | \$3,348,110            | \$-            | \$3,348,110    | <b>S</b> -  | \$3,348,110           |
| 6           | Property taxes   | \$96,944               | \$-            | \$96,944       | s-          | \$96,944              |
| 7           | Capital taxes  | \$-                    | \$-            | \$ -           | <b>S</b> -  | \$-                   |
| 8           | Other expense  | \$18,823               | \$-            | \$18,823       | \$-         | \$18,823              |
| 9           | Subtotal (lines 4 to 8)  | \$12,029,815           | \$-            | \$12,029,815   | <b>S</b> -  | \$12,029,815          |
| 10          | Deemed Interest Expense  | \$1,112,823            | (\$1,112,823)  | <u>\$-</u>     | \$-         | \$-                   |
| 11          | Total Expenses (lines 9 to 10)                                     | \$13,142,638           | (\$1,112,823)  | \$12,029,815   | \$-         | \$12,029,815          |
| 12          | Utility income before income taxes                                 | \$2,542,949            | (\$14,572,764) | (\$12,029,815) | \$-         | (\$12,029,815)        |
| 13          | Income taxes (grossed-up)  | (\$0)                  | \$-            | (\$0)          | \$-         | (\$0)                 |
| 14          | Utility net income   | \$2,542,949            | (\$14,572,764) | (\$12,029,815) | \$-         | (\$12,029,815)        |
| Notes       | Other Revenues / Reven   | ue Offsets             |                |                |             |                       |
| (1)         | Specific Service Charges   | \$111,570              |                | \$-            |             | \$-                   |
|             | Late Payment Charges   | \$150,473              |                | s-             |             | \$-                   |
|             | Other Distribution Revenue<br>Other Income and Deductions          | \$760,311              |                | \$-<br>\$-     |             | \$-<br>\$-            |
|             | Other Income and Deductions  | \$206,112              |                | <del></del>    |             |                       |

\$-

\$-

# Contario Energy Board Revenue Requirement Workform (RRWF) for 2021 Filers

Taxes/PILs

| Line<br>No.    | Particulars   | Application                |                            | Per Board<br>Decision      |
|----------------|---|----------------------------|----------------------------|----------------------------|
|                | Determination of Taxable Income                                   |                            |                            |                            |
| 1              | Utility net income before taxes                                   | \$2,542,949                | \$ -                       | \$ -                       |
| 2              | Adjustments required to arrive at taxable utility income          | (\$2,542,949)              | \$ -                       | \$ -                       |
| 3              | Taxable income  | (\$0)                      | \$ -                       | \$ -                       |
|                | Calculation of Utility income Taxes                               |                            |                            |                            |
| 4              | Income taxes  | (\$0)                      | (\$0)                      | (\$0)                      |
| 6              | Total taxes   | (\$0)                      | (\$0)                      | (\$0)                      |
| 7              | Gross-up of Income Taxes  | (\$0)                      | (\$0)                      | (\$0)                      |
| 8              | Grossed-up Income Taxes   | (\$0)                      | (\$0)                      | (\$0)                      |
| 9              | PILs / tax Allowance (Grossed-up Income<br>taxes + Capital taxes) | (\$0)                      | (\$0)                      | (\$0)                      |
| 10             | Other tax Credits   | \$ -                       | \$ -                       | \$ -                       |
|                | Tax Rates   |                            |                            |                            |
| 11<br>12<br>13 | Federal tax (%)<br>Provincial tax (%)<br>Total tax rate (%)       | 15.00%<br>11.50%<br>26.50% | 15.00%<br>11.50%<br>26.50% | 15.00%<br>11.50%<br>26.50% |

Notes

### Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2021 Filers

Capitalization/Cost of Capital

| Debt           1         Long-term Debt         56.00%         \$           2         Short-term Debt         4.00%         \$           3         Total Debt         60.00%         \$           4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$                           | (\$)     (%)     (\$)       \$42,687,392     2.48%     \$1,059,464       \$3,049,099     1.75%     \$53,359       \$45,736,492     2.43%     \$1,112,823       \$30,490,994     8.34%     \$2,542,949       \$-     0.00%     \$- |
|--|---|
| Debt         56.00%         \$           1         Long-term Debt         56.00%         \$           2         Short-term Debt         4.00%         \$           3         Total Debt         60.00%         \$           4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$ | \$42,687,392       2.48%       \$1,059,464         \$3,049,099       1.75%       \$53,359         \$45,736,492       2.43%       \$1,112,823         \$30,490,994       8.34%       \$2,542,949         \$-       0.00%       \$- |
| 1         Long-term Debt         56.00%         \$           2         Short-term Debt         4.00%         \$           3         Total Debt         60.00%         \$           4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$  | \$3,049,099         1.75%         \$53,359           \$45,736,492         2.43%         \$1,112,823           \$30,490,994         8.34%         \$2,542,949           \$-         0.00%         \$-                              |
| 2         Short-term Debt         4.00%           3         Total Debt         60.00%         \$           4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$  | \$3,049,099         1.75%         \$53,359           \$45,736,492         2.43%         \$1,112,823           \$30,490,994         8.34%         \$2,542,949           \$-         0.00%         \$-                              |
| 3         Total Debt         60.00%         \$           Equity         4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$   | \$45,736,492       2.43%       \$1,112,823         \$30,490,994       8.34%       \$2,542,949         \$-       0.00%       \$-   |
| Equity     4     Common Equity     40.00%     \$       5     Preferred Shares     0.00%     \$       6     Total Equity     40.00%     \$  | \$30,490,994 8.34% \$2,542,949<br>\$- 0.00% \$-   |
| 4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$   | \$- 0.00% \$-   |
| 4         Common Equity         40.00%         \$           5         Preferred Shares         0.00%         \$           6         Total Equity         40.00%         \$   | \$- 0.00% \$-   |
| 6 Total Equity 40.00% \$   |   |
|  |   |
| 7 <u>Total</u> 100.00% \$  | \$30,490,994 8.34% \$2,542,949  |
|  | \$76,227,486 4.80% \$3,655,772  |
|  |   |
| (%)  | (\$) (%) (\$)   |
| 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% \$   | \$70,622,473 0.00% \$-  |
| Per Board Decision   | n   |
| (0()   | (m) (0/) (m)  |
| (%)<br>Debt  | (\$) (%) (\$)   |
| 8 Long-term Debt 0.00%   | \$ - 2.48% \$-  |
| 9 Short-term Debt 0.00%  | \$- 1.75% \$-   |
| 10 Total Debt 0.00%  | \$ - 0.00%  |
| Equity   |   |
| 11 Common Equity 0.00%   |   |
| 12 Preferred Shares 0.00%  | \$- 8.34% \$-   |
| 13 Total Equity 0.00%  | \$\$\$\$\$\$  |
| 14 Total 0.00% \$  |   |

6

Notes

2

### Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2021 Filers

Revenue Deficiency/Sufficiency

|             |   | Initial Appl                 | ication              |                              |                      | Per Board I                  | Decision             |
|-------------|---|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|
| Line<br>No. | Particulars   | At Current<br>Approved Rates | At Proposed<br>Rates | At Current<br>Approved Rates | At Proposed<br>Rates | At Current<br>Approved Rates | At Proposed<br>Rates |
| 1           | Revenue Deficiency from Below                               |                              | \$2,408,401          |                              | (\$894,056)          |                              | \$16,367,095         |
| 2           | Distribution Revenue<br>Other Operating Revenue             | \$12,686,946                 | \$12,048,720         | \$12,686,946                 | \$15,351,177         | \$-<br>\$-                   | (\$16,367,095)       |
| 3           | Offsets - net   | \$1,228,466                  | \$1,228,466          | \$-                          | \$-                  | \$-                          | \$-                  |
| 4           | Total Revenue   | \$13,915,412                 | \$15,685,587         | \$12,686,946                 | \$14,457,121         | \$-                          | \$-                  |
| 5           | Operating Expenses  | \$12,029,815                 | \$12,029,815         | \$12,029,815                 | \$12,029,815         | \$12,029,815                 | \$12,029,815         |
| 6           | Deemed Interest Expense                                     | \$1,112,823                  | \$1,112,823          | \$-                          | \$-                  | \$-                          | \$-                  |
| 8           | Total Cost and Expenses                                     | \$13,142,638                 | \$13,142,638         | \$12,029,815                 | \$12,029,815         | \$12,029,815                 | \$12,029,815         |
| 9           | Utility Income Before Income<br>Taxes                       | \$772,774                    | \$2,542,949          | \$657,131                    | \$2,427,306          | (\$12,029,815)               | (\$12,029,815)       |
| 10          | Tax Adjustments to Accounting<br>Income per 2013 PILs model | (\$2,542,949)                | (\$2,542,949)        | (\$2,542,949)                | (\$2,542,949)        | \$-                          | \$-                  |
| 11          | Taxable Income  | (\$1,770,175)                | \$0                  | (\$1,885,818)                | (\$115,643)          | (\$12,029,815)               | (\$12,029,815)       |
| 12          | Income Tax Rate   | 26.50%                       | 26.50%               | 26.50%                       | 26.50%               | 26.50%                       | 26.50%               |
| 13          |   | \$-                          | \$0                  | \$-                          | \$-                  | \$-                          | S -                  |
|             | Income Tax on Taxable Income                                |                              |                      |                              |                      |                              |                      |
| 14          | Income Tax Credits  | \$-                          | \$-                  | \$-                          | \$-                  | \$-                          | \$-                  |
| 15          | Utility Net Income  | \$772,774                    | \$2,542,949          | \$657,131                    | (\$12,029,815)       | (\$12,029,815)               | (\$12,029,815)       |
| 16          | Utility Rate Base   | \$76,227,486                 | \$76,227,486         | \$70,622,473                 | \$70,622,473         | \$70,622,473                 | \$70,622,473         |
| 17          | Deemed Equity Portion of Rate<br>Base                       | \$30,490,994                 | \$30,490,994         | \$ -                         | \$ -                 | \$-                          | \$-                  |
| 18          | Income/(Equity Portion of Rate<br>Base)                     | 2.53%                        | 8.34%                | 0.00%                        | 0.00%                | 0.00%                        | 0.00%                |
| 19          | Target Return - Equity on Rate<br>Base                      | 8.34%                        | 8.34%                | 0.00%                        | 0.00%                | 0.00%                        | 0.00%                |
| 20          | Deficiency/Sufficiency in Return<br>on Equity               | -5.81%                       | 0.00%                | 0.00%                        | 0.00%                | 0.00%                        | 0.00%                |
| 21          | Indicated Rate of Return                                    | 2.47%                        | 4.80%                | 0.93%                        | 0.00%                | -17.03%                      | 0.00%                |
| 22          | Requested Rate of Return on                                 | 4.80%                        | 4.80%                | 0.00%                        | 0.00%                | 0.00%                        | 0.00%                |
|             | Rate Base   |                              |                      |                              |                      |                              |                      |
| 23          | Deficiency/Sufficiency in Rate of<br>Return                 | -2.32%                       | 0.00%                | 0.93%                        | 0.00%                | -17.03%                      | 0.00%                |
| 24          | Target Return on Equity                                     | \$2,542,949                  | \$2,542,949          | \$-                          | \$ -                 | \$-                          | \$-                  |
| 25          | Revenue Deficiency/(Sufficiency)                            | \$1,770,175                  | \$1                  | (\$657,131)                  | \$-                  | \$12,029,815                 | \$-                  |
| 26          | Gross Revenue<br>Deficiency/(Sufficiency)                   | \$2,408,401 (1)              |                      | (\$894,056) (1)              |                      | \$16,367,095 (1)             |                      |

Notes:

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

# Contario Energy Board Revenue Requirement Workform (RRWF) for 2021 Filers

#### **Revenue Requirement**

| ne<br>lo. | Particulars  | Application  |                   | Per Board Decision     |
|-----------|--|--------------|-------------------|------------------------|
| 1         | OM&A Expenses  | \$8,565,938  | \$8,565,938       | \$8,565,938            |
| 2         | Amortization/Depreciation                                      | \$3,348,110  | \$3,348,110       | \$3,348,110            |
| 3         | Property Taxes   | \$96,944     | \$96,944          | \$96,944               |
| 5         | Income Taxes (Grossed up)                                      | (\$0)        | (\$0)             | (\$0)                  |
| 6         | Other Expenses   | \$18,823     | \$18,823          | \$18,823               |
| 7         | Return   |              |                   |                        |
|           | Deemed Interest Expense  | \$1,112,823  | \$ -              | \$ -                   |
|           | Return on Deemed Equity  | \$2,542,949  | <u>\$ -</u>       | \$ -                   |
| 8         | Service Revenue Requirement                                    |              |                   |                        |
| -         | (before Revenues)  | \$15,685,587 | \$12,029,815      | \$12,029,815           |
| 9         | Revenue Offsets  | \$1,228,466  | \$-               | \$-                    |
| 0         | Base Revenue Requirement                                       | \$14,457,121 | \$12,029,815      | \$12,029,815           |
|           | (excluding Tranformer Owership<br>Allowance credit adjustment) |              |                   |                        |
| 1         | Distribution revenue   | \$14.457.121 | \$ -              | \$ -                   |
| 2         | Other revenue  | \$1,228,466  | \$-               | \$                     |
| 3         | Total revenue  | \$15,685,587 | <u> </u>          | \$ -                   |
| 4         | Difference (Total Revenue Less                                 |              |                   |                        |
|           | Distribution Revenue Requirement                               |              | (1) (#12.020.015) | (1) (610,000,015) (1)  |
|           | before Revenues)   | \$1          | (\$12,029,815)    | (1) (\$12,029,815) (1) |

Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

|   | Application  |              | Δ% (2) | Per Board Decision | Δ% (2 |
|---|--------------|--------------|--------|--------------------|-------|
| Service Revenue Requirement<br>Grossed-Up Revenue                     | \$15,685,587 | \$12,029,815 | (\$0)  | \$12,029,815       | (\$1  |
| Deficiency/(Sufficiency)  | \$2,408,401  | (\$894,056)  | (\$1)  | \$16,367,095       | (\$1  |
|   |              |              |        |                    |       |
| Base Revenue Requirement (to be                                       |              |              |        |                    | 100   |
| Base Revenue Requirement (to be<br>recovered from Distribution Rates) | \$14,457,121 | \$12,029,815 | (\$0)  | \$12,029,815       | (\$1  |
|   | \$14,457,121 | \$12,029,815 | (\$0)  | \$12,029,815       | (\$1  |

#### <u>Notes</u> (1) (2)

Line 11 - Line 8 Percentage Change Relative to Initial Application

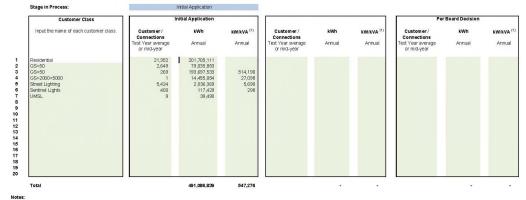


Load Forecast Summary

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 Wh and IW to reflect the impacts of CDM programs up to and including CDM programs ip anned to be executed in the test year. i.e., the load forecast adjustments determined in Appendix 24 should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in Appendix 24 and in Exhibit 3 of the application.

Appendix 24B 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



(1) Input KW or KVA for those customer classes for which billing is based on demand (kW or KVA) versus energy consumption (KWh)

Contario Energy Board

1

### **Revenue Requirement Workform** (RRWF) for 2021 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.

| Name of Customer Class <sup>(3)</sup><br>From Sheet 10, Load Forecast |          | Allocated from<br>ious Studv <sup>(1)</sup> | %  | llocated Class<br>nue Requirement | %       |
|---|----------|---|--|-----------------------------------|---------|
| The sheet to. Load Torecast   |          |   |  | (7A)                              |         |
| Residential   | \$       | 7,551,988                                   | 58.24%   | \$<br>9,707,908                   | 61.89%  |
| GS<50   | \$       | 2,223,515                                   | 17.15%   | \$<br>2,716,667                   | 17.32%  |
| GS>50   | \$       | 2,623,792                                   | 20.23%   | \$<br>2,947,558                   | 18.79%  |
| GS>2000<5000  | \$       | 108,091                                     | 0.83%  | \$<br>121,265                     | 0.77%   |
| Street Lighting   | \$       | 415,843                                     | 3.21%  | \$<br>147,193                     | 0.94%   |
| Sentinel Lights<br>UMSL   | \$<br>\$ | 43,097<br>751                               | 0.33%  | \$<br>43,983                      | 0.28%   |
|   |          |   |  |                                   |         |
| Total   | \$       | 12,967,077                                  | 100.00%  | \$<br>15,685,587                  | 100.00% |
|   |          |   | Service Revenue<br>Requirement (from<br>Sheet 9) | \$<br>15,685,586.64               |         |

(1)

(2)

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. 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. 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 (3) possible

B Calculated Class Revenues

| Name of Customer Class | Load Forecast (LF) X<br>current approved<br>rates |            | F X current<br>roved rates X<br>(1+d) | LF X F | Proposed Rates | rs Miscellaneous<br>Revenues |           |  |
|------------------------|---|------------|---------------------------------------|--------|----------------|------------------------------|-----------|--|
|                        |   | (7B)       | (7C)                                  |        | (7D)           |                              | (7E)      |  |
| Residential            | \$  | 7,479,179  | \$<br>8,522,728                       | \$     | 8,839,633      | \$                           | 763,862   |  |
| GS<50                  | \$  | 2,312,188  | \$<br>2,634,802                       | \$     | 2,634,802      | \$                           | 187,925   |  |
| GS>50                  | \$  | 2,282,752  | \$<br>2,601,258                       | \$     | 2,683,554      | \$                           | 232,301   |  |
| GS>2000<5000           | \$<br>\$  | 98,093     | \$<br>111,780                         | \$     | 111,780        | \$                           | 10,372    |  |
| Street Lighting        | \$  | 483,854    | \$<br>551,365                         | \$     | 147,909        | \$                           | 28,722    |  |
| Sentinel Lights        | \$<br>\$  | 29,781     | \$<br>33,936                          | \$     | 38,348         | \$                           | 5,162     |  |
| UMSL                   | Ŷ   | 1,099      | \$<br>1,252                           | •      | 1,095          | \$                           | 121       |  |
| Total                  |   | 12,686,946 | \$<br>14,457,121                      | \$     | 14,457,121     | \$                           | 1,228,466 |  |

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. (4)

(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. Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19, (6) (7)

#### C) Rebalancing Revenue-to-Cost Ratios

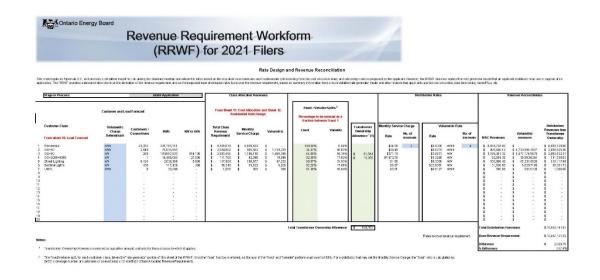
| Name of Customer Class | Previously Approved<br>Ratios | Status Quo Ratios | Proposed Ratios   | Policy Range         |  |
|------------------------|-------------------------------|-------------------|-------------------|----------------------|--|
|                        | Most Recent Year:<br>2015     | (7C + 7E) / (7A)  | (7D + 7E) / (7A)  |                      |  |
|                        | %                             | %                 | %                 | %                    |  |
| Residential            | 100.37%                       | 95.66%            | 98.92%            | 85 - 115             |  |
| GS<50<br>GS>50         | 110.23%<br>86.98%             | 103.90%<br>96.13% | 103.90%<br>98.92% | 80 - 120<br>80 - 120 |  |
| GS>2000<5000           | 98,11%                        | 100.73%           | 100.73%           | 80 - 120             |  |
| Street Lighting        | 120.00%                       | 394.10%           | 120.00%           | 80 - 120             |  |
| Sentinel Lights        | 111.77%                       | 88.89%            | 98.92%            | 80 - 120             |  |
| UMSL                   | 120.00%                       | 135.49%           | 120.00%           | 80 - 120             |  |
|                        |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |
| 0                      |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |
|                        |                               |                   |                   |                      |  |

(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 0-1. 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 | Propos    | Policy Range   |         |          |  |  |
|------------------------|-----------|----------------|---------|----------|--|--|
|                        | Test Year | Price Cap IR F | Period  |          |  |  |
|                        | 2021      | 2022           | 2023    |          |  |  |
| Residential            | 98.92%    | 98.92%         | 98.92%  | 85 - 115 |  |  |
| GS<50                  | 103.90%   | 103.90%        | 103.90% | 80 - 120 |  |  |
| GS>50                  | 98.92%    | 98.92%         | 98.92%  | 80 - 120 |  |  |
| GS>2000<5000           | 100.73%   | 100.73%        | 100.73% | 80 - 120 |  |  |
| Street Lighting        | 120.00%   | 120.00%        | 120.00% | 80 - 120 |  |  |
| Sentinel Lights        | 98.92%    | 98.92%         | 98.92%  | 80 - 120 |  |  |
| UMSL                   | 120.00%   | 120.00%        | 120.00% | 80 - 120 |  |  |
|                        |           |                |         |          |  |  |

(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 2021 Filers

nputs 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 atories. 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 application, This could be do to following or response to mitering atoms, no is strive shown in the next correct status of the cost of version status reflecting the engine application and a shown its processing atoms, and a shown its process

#### Summary of Proposed Changes

|                         |                                   | Cest of                           |                                |               | e and Capital Exp |                                  |                                | erating Expens |              |                                   | Revenue F         | leguirem ent                |  |
|-------------------------|-----------------------------------|-----------------------------------|--------------------------------|---------------|-------------------|----------------------------------|--------------------------------|----------------|--------------|-----------------------------------|-------------------|-----------------------------|--|
| Reference <sup>11</sup> | item / Description <sup>(2)</sup> | Regulated<br>Return on<br>Capital | Regulated<br>Rate of<br>Return | Rate Base     | Working Capital   | Working Capital<br>Allowance (6) | Amortization J<br>Depreciation | TAXONPLS       | omsa         | Service<br>Revenue<br>Requirement | Other<br>Revenues | Base Revenue<br>Requirement | Grossed up<br>Revenue<br>Daficiency /<br>Sufficiency |
|                         | Original Application              | 1 3,655,772                       | 4.80%                          | \$ 76,227,496 | \$ 74,733,509     | \$ 5,805,013                     | \$ 3,348,110                   | -\$ 0          | \$ 9,505,939 | \$ 15,895,597                     | 1,228,488         | 14,457,121                  | \$ 2,408,40  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               | -                 |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |
|                         | Change                            |                                   |                                |               |                   |                                  |                                |                |              |                                   |                   |                             |  |