## Chapter 2 Appendices

## Filing Requirements for Electricity Distribution Rate Applications



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

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暚昷Ontario Energy Board
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## Chapter 2 Appendices

## Filing Requirements for Electricity Distribution

## Rate Applications

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## Cost of Service Rate Application Schematic

The Cost of Service Rate Application Schematic is a flowchart that is included as a guide for the components of an application. The schematic demonstrates how demand and costs interrelate to derive the revenue requirement and how the revenue requirement is allocated between classes and through fixed/variable splits to derive rates that will be compensatory for the annual revenue requirement, based on the the forecasted demand. There is no form to be filled out; therefore, this Schedule is not required to be filed.


## Cost of Service Applications - Key References

The references listed below are key to interpreting these Filing Requirements.

- Report of the Board on Transition to International Financial Reporting Standards (EB-2008-0408) - July 28, 2009, outlined in section 2.3.5 below
- Addendum to Report of the Board EB-2008-0408 - Implementing International Financial Reporting Standards in an Incentive Rate Mechanism Environment June 13, 2011
- The OEB's Accounting Procedures Handbook (APH) and Uniform System of Accounts (USoA), any subsequent updates and Frequently Asked Questions
- Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) - July 31, 2009
- Asset Depreciation Study for Use by Electricity Distributors (EB-2010-0178), (the Kinectrics Report), July 8, 2010
- Board letter of June 25, 2013, providing accounting policy changes for Accounts 1575 and 1576 effective in the 2014 cost of service rate application and subsequent rate years;
- Report of the Board - Performance Measurement for Electricity Distributors: A Scorecard Approach - March 5, 2014
- Report of the Board: Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors corrected December 4, 2013
- Report of the Ontario Energy Board on Regulatory Treatment of Pension and Other Post-employment Benefits (OPEBs) Costs (EB-2015-0040), September 14, 2017
- Accounting Guidance related to Accounts 1588 RSVA Power, and 1589 RSVA Global Adjustment

Capital Funding Options:

- Report of the Board: New Policy Options for the Funding of Capital Investments: The Advanced Capital Module (EB-2014-0219), September 18, 2014
- Report of the OEB: New Policy Options for the Funding of Capital Investments: Supplemental Report - January 22, 2016


## Cost of Capital:

- Report of the Board on the Cost of Capital for Ontario's Regulated Utilities December 11, 2009 and any subsequent updates.


## Exhibit:

Tab:
Schedule:
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Date:
2022-04-14

## Appendix 2-A

## List of Requested Approvals

The distributor must fill out the following sheet with the complete list of specific approvals requested and relevant section(s) of the legislation must be provided. All approvals, including accounting orders (deferral and variance accounts) new rate classes, revised specific service charges or retail service charges which the applicant is seeking, must be separately identified, as well being clearly documented in the appropriate sections of the application.

Additional requests may be added by copying and pasting blank input rows, as needed.
If additional requests arise, or requested approvals are removed, during the processing of the application, the distributor should update this list.

Milton Hydro Distribution Inc. is seeking the following approvals in this application:

1
1 a
a Approval of Milton Hydro's average net book value of fixed assets and working capital allowance as proposed in Exhibit 2 Rate Base.

1 b Approval to incorporate costs related to disallowed building fixed assets, from the 2016 rate proceeding, into the determination of 2023 rate base as documented in Exhibit 2 - Rate Base sub-section 2.2.2. Bringing Disallowed Space into Rate Base

2 a Approval of the capital structure, cost of capital parameters, and deemed return on equity and debt proposed in Exhibit 5Cost of Capital and Capital Structure.

2 b Approval of test year Operations, Maintenance and Administration expenses, property taxes \& payments in lieu of taxes (PILs) in Exhibit 4 - Operating Expenses.

2

2
Approval of the 2023 Test Year revenue requirement as proposed in Exhibit 6 - Calculation of Revenue Deficiency or Sufficiency as follows:
c Approval of the 2023 Test Year Service Revenue Requirement of $\$ 26,972,710$ as proposed in Exhibit 6 - Calculation of Revenue Deficiency or Sufficiency.
d Approval of the 2023 Test Year Base Revenue Requirement of $\$ 24,771,346$ as proposed in Exhibit 6 - Calculation of Revenue Deficiency or Sufficiency.
e Approval of the 2023 Revenue Offsets of $\$ 2,201,364$ as proposed in Exhibit 3 - Operating Revenue.

Approval of Cost Allocation as filed in Exhbit 7 - Cost Allocation.

Approval of 2023 distribution rates and charges, effective January 1, 2023, as proposed in Attachment 8-3-Proposed Tariff of Rates and Charges of Exhibit 8 - Rate Design.

Approval of the 2023 load forecast as documented in Exhibit 3 - Operating Revenue, sub-section 3.2. Summary of Load and Customer/Connection Forecast

Approval of a revised loss factor as identified in Section 8.9 of Exhibit 8 - Rate Design.

Approval of updated Retail Transmission Service Rates ("RTSRs"), as identified in Section 8.3 of Exhibit 8 - Rate Design.

Approvals for the clearance related to the December 31, 2021 audited balances of $\$ 1,860,501$ for Group 1 DVA accounts, and associated class specific rate riders and manual adjustments effective January 1, 2023 as set out in Exhibit 9 - Deferral and Variance Accounts.

Approvals for the clearance related to December 31, 2022 forecast balances of $(\$ 843,483)$ for Group 2 DVA accounts, and associated class specific rate riders and manual adjustments effective January 1, 2023 as set out in Exhibit 9 - Deferral and Variance Accounts.

Approval for the clearance of the balance in its Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") of $\$ 533,341$, resulting from its Conservation and Demand Management ("CDM") activities up to December 31, 2022 as identified 9.5.3. Request for Disposal of Account 1568 LRAMVA

Other items or amounts that may be requested by Milton Hydro during the course of this proceeding, and as may be granted by the OEB.


Appendix 2-AA
Capital Projects Table

| Projects | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | $\underset{\text { Year }}{2022 \text { Bridge }}$ | 2023 Test Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis |  |  |  |  |  |  |  |  |
| System Access |  |  |  |  |  |  |  |  |
| Subdivisions | 3,738,426 | 3,078,183 | 3,833,284 | 3,264,302 | 2,201,198 | 3,568,738 | 2,530,000 | 2,530,000 |
| Bronte St Widening from LSL to Britannia | 270,880 |  |  |  |  |  |  |  |
| Steeles Ave Widen Martin to Industrial | 862,290 |  |  |  |  |  |  |  |
| GO Transit Layover Facility OH to UG | 154,296 |  |  |  |  |  |  |  |
| $\frac{\text { Sauve St, } 610, \text { Condos }}{8399}$ 8449 Lawson Rd | 108,939 |  |  |  |  |  |  |  |
|  | 142,506 |  |  |  |  |  |  |  |
| Derry Rd Santa Maria Correct Encroachment |  | 143,884 |  |  |  |  |  |  |
| Bronte St North, 104, 800A | 106,195 |  |  |  |  |  |  |  |
| Wheelabrator Way Pole Line Relocation |  |  | 107,749 |  |  |  |  |  |
| Britannia Rd Widening Tremaine to Bronte |  |  |  | 525,540 |  |  |  |  |
|  |  |  |  |  | 2,174,472 |  |  |  |
| Tremaine Rd Steeles Ave to 3 Sideroad |  |  |  |  | 572,838 |  |  |  |
| Region Haltoon Britannia, RR25 to JSP Relocation Ph1 |  |  |  |  |  | 647,399 |  |  |
| Region Halton Britannia, RR25 to JSP Relocation Ph2 |  |  |  |  |  |  | 559,052 |  |
| Town of Milton - Main St, , JSP to Fith Line |  |  |  |  |  | 533,575 |  |  |
| $\frac{\text { Town of Milton - Bronte St., Main to Steeles }}{\text { Town of Milton - } 3 \text { Side Rd, Tremaine to Peru }}$ |  |  |  |  |  | 854,087 | 909,321 |  |
|  |  |  |  |  |  | 44,995 |  |  |
| $\frac{\text { Derry Rd, JSP to Fifth Line, new pole line, } 2 \text { circuits }}{\text { Fifth Line - } 401 \text { to Derry }}$ |  |  |  |  |  |  | 149,764 |  |
|  |  |  |  |  |  |  | 153,440 |  |
| Fifth Line - Derry to Britannia |  |  |  |  |  |  |  | 950,000 |
| Steeles Avenue - Regionat Rd 25 to Traialgar Rd. |  |  |  |  |  |  |  | 291,747 |
|  |  |  |  |  |  |  |  | 145,823 |
| Other Third Pary Contracts (Roads) | 80,703 | 303,548 | 98,779 | 10,917 | 77,067 |  |  |  |
|  |  | 218,047 |  |  |  |  |  |  |
| Customer Connections | 1,048,570 | 679,034 | 977,229 | 880,846 | 1,009,115 | 2,083,082 | 928,109 | 946,671 |
| Meters - New Industrial/Commercial |  |  | 250,808 | 371,366 | 225,175 | 478,558 | 306,490 | 306,490 |
| Mesh Equipment - New Installs | 149,710 | 140,108 | 413,927 | 341,944 | 240,423 |  |  |  |
| Mandated Meter Replacements | 61,574 | 519,459 | 436,817 | 220,881 | 596,303 | 340,360 | 441,055 | 441,055 |
| Miscellaneous Roads | 209,615 | 268,020 | 220,566 | 356,324 | 194,058 | 179,621 |  |  |
| Sub-Total | 6,933,702 | 5,350,283 | 6,339,159 | 5,972,120 | 7,290,648 | 8,730,415 | 5,977,231 | 5,611,786 |
| System Renewal |  |  |  |  |  |  |  |  |
| Porcelain to Poolymer Insulator Replacement Program | 104,814 | 113,765 | 199,970 | 175,145 | 160,810 | 29,419 | 73,416 | 73,416 |
| Wood Pole Replacement Program | 287,537 | 211,838 | 397,369 | 437,867 | 303,779 | 152,495 | 712,687 | 720,000 |
| Derry Rd - Tremaine to Guelph Line Pre conversion (13.8kV to 27.6 kV ) | 272,009 |  |  |  |  |  |  |  |
|  | 534,340 |  |  |  |  |  |  |  |
| Highside Dr and Ridge Dr Primary UG Rebuild | 152,343 |  |  |  |  |  |  |  |
| $\frac{}{25}$ Sideroad, East of F Fith Line Line Rebuild |  | 288,162 |  |  |  |  |  |  |
| Tremaine Rd S of Britannia, Rebuild |  | 129,074 |  |  |  |  |  |  |
| Macarthur Dr UG Rebuuild |  | 261,867 |  |  |  |  |  |  |
| UG TX Chisholm Dr, 161, TX2701 foundation |  |  |  |  | 136,210 |  |  |  |
| Overhead Rebuild/ First Line No Lower Base Line |  |  |  |  |  |  | 385,000 |  |
| Replace Regulator at MS7 |  |  |  |  |  |  |  | 200,000 |
| Switchgear Replacement Program |  |  |  |  |  | 102,316 | 254,768 |  |
| Reactive Overhead Replacement | 145,622 | 157,530 | 171,351 | 325,639 | 531,613 | 214,870 |  |  |
| $\frac{\text { Reactive Underground }}{}$ Replacement | 55,499 | 249,170 | 328,308 | 327,803 | 214,117 | 343,844 |  |  |
|  | 100,886 | 148,132 | 298,879 | 205,200 | 230,557 | 287,846 | 330,994 | 330,994 |
| Miscellaneous Underground Replacements | 6,403 | 115,972 | 233,013 | 204,599 | 153,450 | 111,043 | 258,596 | 280,000 |
| Meter Spares | 53,296 | 53,063 | 48,815 | -146,424 | 243,696 | 372,889 |  |  |
| Overhead Transformer Spares | 11,837 | -31,254 | 24,371 | -30,344 | 36,793 | 76,787 |  |  |
| Underground Transformer Spares | 22,507 | 62,799 | 97,646 | 66,585 | 71,810 | 103,946 |  |  |
|  | 0 | 49,771 | 93,269 | 96,263 | 96,038 | 176,350 | 100,000 | 100,000 |
| Meter Replacement Program |  |  |  |  |  |  | 1,220,286 | 839,892 |
| Storm Damage Replacements May 42018 |  |  | 291,497 |  |  |  |  |  |
| Meter Room Upgrades - Cell Modems |  |  | 125,690 |  |  |  |  |  |
|  |  |  |  |  |  |  | 126,013 | 125,656 |
| Sub-Total System Service | 1,747,093 | 1,809,889 | 2,310,178 | 1,662,333 | 2,178,874 | 1,971,805 | 3,461,761 | 2,669,958 |
|  |  |  |  |  |  |  |  |  |
| Derry Rd Pole Line Extention Trafalgar to 8th Line | 111,746 |  |  |  |  |  |  |  |
| New Tremaine Rd Stringing, 1 Circuit | 106,040 |  |  |  |  |  |  |  |
| Bronte Meadows Conversion to 27.6kV | 112,105 |  |  |  |  |  |  |  |
| Tremaine Rd, new Pole Line Burnhamithore to Louis St Laurent |  |  | 587,094 |  |  |  |  |  |
|  |  |  | 168,563 |  |  |  |  |  |
|  |  |  |  |  |  |  | 423,670 |  |
| Tremaine M2 Voltage Regulator |  |  |  | 1,638,874 | 214,615 |  |  |  |
|  |  |  |  |  | 152,677 |  |  |  |
| Tremaine, 14 Side Rd to Steeles, add 2nd circuit |  |  |  |  |  |  | 59,821 |  |
| Fitht Line, Yukon to Derry, new Pole Line, 2 circuits |  |  |  |  |  |  | 242,074 |  |
| Fifth Side Rd, Tremaine to Dublin, rebuild and add circuit |  |  |  |  |  |  | 104,845 |  |
| Boston Church JSP to 5 Side Rd |  |  |  |  |  |  |  | 350,69 |
| Communication Infrastructure | 135,689 |  |  |  |  |  |  |  |
| $\frac{\text { Automation }}{\text { Scada/OMS }}$ | 102,496 | 778,990 | 756,281 | 676,925 | 94,881 | 196,224 | 477,362 | ,180,637 |
|  | 51,895 | 307,869 | 229,577 | 114,939 | 183,741 | 181,072 | 110,000 | 179,957 |
| $\frac{\text { Miscellaneous }}{\text { Sill }}$ |  | 133,073 |  |  |  |  |  |  |
| Sub-Total | 619,970 | 1,219,931 | 1,741,515 | 2,430,738 | 645,914 | 377,296 | 1,417,772 | 1,711,292 |
| General Plant |  |  |  |  |  |  |  |  |
| Building - 200 Chisholm | 1,299,480 | 74,555 | 55,832 | 364,220 | 30,135 | 40,000 | 93,000 | 119,000 |
| Building - Control Room |  |  |  |  |  |  | 500,000 |  |
| Building - Renewal/Renovations 2nd Flr |  |  |  |  |  |  |  | 400,000 |
| Tremaine TS, contribution for 2 breakers |  |  | 1,000,000 | 1,000,000 |  | -359,680 |  |  |
| Office Equipment, Misc Stores, tools | 66,356 |  |  |  | 34,272 |  |  |  |
| Major Tools - Standby Generator, etc. |  |  | 188,690 |  |  |  |  |  |
| Computer Hardware - Server, projector, toughbooks | 80,109 | 70,635 |  | 106,498 | 83,786 | 92,176 | 87,500 | 94,500 |
| Computer Hardware - Control Room |  |  |  |  |  |  | 30,000 |  |
|  |  | 183,363 | 75,087 | 52,216 | 66,514 | 67,647 | 32,500 | 30,000 |
| Software - Elster Project |  |  | 50,852 |  |  |  |  |  |
| Software -MV 90 Upgrade |  |  |  |  |  |  | 15,000 |  |
| Software - CIS Northstar Automation Platform |  |  |  |  |  |  | 50,000 |  |
| Sotware - OMNI Channel Platform |  |  |  |  |  |  | 105,990 |  |
| Software - Human Resource Info System |  |  |  |  |  |  | 132,330 |  |
| Software - Enterprise Service Ticketing |  |  |  |  |  |  | 155,240 |  |
| Software - - SR financial statement reporting tool |  |  |  |  |  |  |  | 60,000 |
| Software - Accounts payable thre-way match tool |  |  |  |  |  |  |  | 45,000 |
| Software - Revenue Dollar and Statistical Data Warehouse |  |  |  |  |  |  |  | 25,000 |
| Software - FME for GIS |  |  |  |  |  |  |  | 15,000 |
|  |  | 226,684 |  |  |  |  | 56,000 | 56,000 |
| Wimax/Scadamates | 118,750 |  |  |  |  |  |  |  |
| GIS Portable/online Maps /CYME Gateway | 79,130 |  | 168,471 |  |  |  |  |  |
| Robotic Process Automation Phase 1 - Discovery |  |  |  |  |  |  |  | 120,000 |
|  |  |  |  |  |  |  |  | 200,440 |
|  |  |  |  |  |  |  | 269,815 | 721,593 |
| Backyard RBDITension Machine |  |  |  |  |  |  | 280,000 |  |
| Freightiner Posi Plus 42' | 330,500 |  |  |  |  |  |  |  |
| ingle Bucket Truck |  |  |  |  |  |  | 225,000 | 395,000 |
| oom Derrick |  |  | 459,485 |  |  |  |  |  |
| ehicles - Leightweight | 150,181 | 117,645 |  | 134,104 |  | 68,707 | 246,500 | 56,000 |
| iscellaneous | 127,377 | 226,063 |  | 116,817 | 27,786 |  | 50,000 | 75,000 |
| ub-Total <br> Miscellaneous | 2,251,883 | 898,945 | 1,998,417 | 1,773,855 | 242,492 | -91,149 | 2,328,875 | 2,412,533 |
|  |  |  |  |  |  |  |  |  |
| Total | 11,552,649 | ${ }^{9,279,048}$ | 12,389,270 | 11,839,046 | 10,357,929 | 10,988,366 | 13,185,639 | 12,405,569 |
| ess Renewable Generation Facility Assets and Other Non-Rateegulated Utility Assets (input as negative) |  |  |  |  |  |  |  |  |
| Total | 11,552,649 | 9,279,048 | 12,389,270 | 11,839,046 | 10,357,929 | 10,988,366 | 13,185,639 | 12,405,569 |

Notes:
Please provide a breakdown of the major components of each capital project undertaken in each year. Please ensure that all projects below the materiaity threshold are included in the miscellaneous line. Add more projectis
The applicant should group proiects appropriatly and avoid presentations that result in classification of significant components of the capital budget in the miscellaneous category.

Appendix 2-AB
Table 2 - Capital Expenditure Summary from Chapter 5 Consolidated
Distribution System Plan Filing Requirements
First year of forecast Period:

| CATEGORY | Historical Period (previous plan' \& actual) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Forecast Period (plannea) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }^{2016}$ |  |  | 2017 |  |  | 2018 |  |  |  |  |  | 2020 |  |  | 2021 |  |  | 2022 |  |  | 2023 | 2024 |  | 2026 | ${ }^{2027}$ |
|  | ${ }^{\text {Pan }}$ S |  | $\frac{\mathrm{var}}{0}$ | ${ }_{\text {Pan }}{ }_{\text {S }}$ ! | Actual | $\frac{\mathrm{Var}}{\square}$ | ${ }_{\text {Pan }}{ }_{\text {S }}$ O | actar | $\frac{\mathrm{Var}}{\square}$ | ${ }_{\text {Plan }}$ S |  | \% | $\mathrm{s}^{\circ}$ |  | $\frac{\mathrm{var}}{\%}$ | soom |  | $\frac{\mathrm{var}}{0}$ | ${ }^{\text {s }}$ | Actuar | $\frac{\mathrm{V}_{2}}{0}$ |  |  |  |  |  |
| System Access | 7.068 | 6,934 | ${ }^{-1.9 \%}$ | 8.092 | 5,350 | -33.9\% | 6,212 | 6,339 | 2.0\% | 6.411 | 5,972 | -6.8\% | 6.878 | 7,291 | 6.0\% | 8,236 | 8.730 | 6.0\% | 5.977 |  |  | ${ }^{5}, 6$ | 5.308 | 4.34 | 6.576 | 5.51 |
| System Renewal | 2.473 | 1.747 | -29.4\% | 1,821 | 1.810 | 0.6\% | 1,790 | 2,310 | 29.1\% | 1.800 | 1.662 | -7.\%\% | 1,725 | 2.179 | 26.3\% | 3,656 | 1,972 | -46.1\% | 3,462 |  |  | 2.670 | 2,520 | 2.575 | 2.630 | 2.687 |
| System Service | 1.520 | 620 | -59.2\% | 1.225 | 1.220 | 0.4\% | 1,350 | 1,742 | 29.0\% | 1,350 | 2.431 | 80.19 | 1.500 | 646 | -56.9\% | 835 | 378 | -54.8\% | 1.418 |  |  | 1,711 | 1.880 | 1,78 | 1.807 | 1.829 |
| General Plant | 896 | 2.252 | 151.3\% | 701 | 899 | 28.2\% | 711 | 1.998 | 181.0\% | 676 | 1,774 | $162.4 \%$ | 696 | 242 | -65.29 | 932 | -91 | -109.8\% | 2,329 |  |  | 2.413 | 1.735 | 1.59 | 1.076 | 1.75 |
| TOTAL EXPENDITURE | 11,957 | 11,553 | -3.4\% | ${ }^{11,389}$ | 9,279 | -21.6\% | 10,063 | 12,389 | 23.1\% | 10,237 | 11,839 | 15.6\% | 10,799 | 10,358 | -4.1\% | 13,659 | 10,988 | -19.6\% | 13,186 |  |  | 12,406 | 11,443 | 10,29 | 12,089 |  |
| Capital Contributions | -3,808 | -3,333 | -12.5\% | -3,323 | -2,880 | -13.3\% | -2,118 | -2,920 | 37.9\% | -2,18 | -2.025 | -7.2\% | 4.793 | 2,303 | -52.0\% | 4.660 | -2,947 | -36.8\% | -3,024 |  |  | -2.539 | -2,43 | -2,13 | -2,87 | 2.542 |
| Net Capital Expenditures | 8,149 | 8,220 | 0.9\% | 8.516 | 6,399 | -24.9\% | 7,945 | 9,469 | 19.2\% | 8,056 | 9,814 | 21.8\% | 6,006 | 8,055 | 34.1\% | 8,999 | 8.041 | 10.68 | 10,162 |  |  | 9,866 | 8,971 | 8,158 | 9,212 | 9,242 |
| System O\&M | 3.812 | 3,797 | -0.39\% | 3.576 | ${ }^{3.335}$ | -6.74\% | 3,863 | 3,773 | -2.36\% | 3,996 | 3,973 | 0.58\% | ${ }^{3,923}$ | 3.881 | -1.07\% | 3,963 | 4,748 | 19.81\% | 4,292 |  |  | 5.373 | 5.832 | 5.988 | 6.219 | 6.406 |

Notest to the Tate:

1. Historical "perevios
us plan" data is not required unless a plan has previuusy been filed. However, use the last OEB-approve
2. Indicate the number of months of 'actual data incluced in the last year of the Historical Period (noormally a 'bridge' year):

Explanatory Notes on Variances (complete only if applicable)
Notes on shitts in forecast vs. historicial budgets by category

Notes on year over year Plan vs. Actual variances for Total Expenditures

Notes on Plan vs. Actual variance trends for individual expenditure categories

| File Number: | EB-2022-0049 |
| ---: | ---: |
| Exhibit: |  |
| Tab: |  |$\quad 1$

## Appendix 2-AC

## Customer Engagement Activities Summary

| Provide a list of customer engagement activities | Provide a list of customer needs and preferences identified through each engagement activity | Actions taken to respond to identified needs and preferences. If no action was taken, explain why. |
| :---: | :---: | :---: |
| PHASE 1: Telephone Mental Models Interview - residential and commercial/industrial customers (May 1, 2021 to June 10, 2021) <br> Total customers engaged in Phase 1: 25 <br> - 12 residential customers <br> - 7 commercial customers ( $G S<50, \mathrm{GS}>50$ ) <br> - 6 large use customers (GS>1000; GS>5000) <br> Interview Length (minutes): <br> - Average: 33.4 <br> - Minimum: 21 <br> - Maximum: 57 <br> - Overall Total: 13 hours 56 minutes | MH has engaged Decision Partners to conduct in-depth, confidential telephone interviews with residential and commercial/industrial customers. The objective of the interviews was to support MH in redefining its relationship with its customers and their energy needs so it can evolve its business appropriately and sustainably. The interviews were conducted in a conversational manner that encouraged participants to elaborate on their perspectives and to raise additional topics spontaneously. <br> Summary of aggregated Mental Models Interview results: <br> - Customers are thinking about the future. <br> - Customers are aware of the growth in the community and the need to prepare for greater consumption individually and overall, in the community. <br> - Large customers are thinking about the infrastructure required to meet future demand. <br> - Most customers think their electricity from Milton Hydro over the past 5 years has been very reliable. They want continued affordable, reliable electricity. <br> - For many customers, being 'Future Ready' means being prepared for extreme weather and using innovative technologies to address climate change. <br> - Many residential customers are thinking about green energy and most think they will have an electric vehicle in 10 years. - Nearly all Customers think it is Very Important or Important that Milton Hydro be appropriately staffed to manage the system going forward. <br> - While some wondered about the cost, most thought the proposed level of OM\&A spending was very or somewhat appropriate. <br> - $60 \%$ of residential customers would like to hear from MH on a | In response to both residential and commercial/industrial customer <br> feedback, MH has: <br> - Plans to create a system control room for MH in order to manage the expanding demand and have more insight into outages and restorations. <br> - Committed to ensuring grid infrastructure is reliable and safe with pole and switchgear replacement projects, line reconstruction work due to road widening, and the porcelain to polymer insulator replacement program. <br> - Hired new employees with expertise in engineering, operations, and fieldwork to help manage MH's expanding customer base and workload. <br> - Plans to implement an automated text message and email service to inform customers about outages and restorations. |
| PHASE 2: Online Customer Engagement Survey - Open to all customers/public, but created specifically for residential customers only (October 12, 2021 to November 11, 2021) <br> Total customers engaged in Phase 2: 4,177 customers <br> - 4,126 residential customers <br> - 39 small businesses <br> - 12 commercial/Industrial customers <br> - 8 non-customers (who will be removed from the final tabulations) <br> - 2,875 answered all the way through the demographic questions. <br> - 2,300 entered data for the iPad draw. Two prize draw winners <br> picked up their iPads December 3, 2021, and December 6, 2021. | MH has engaged Decision Partners and Verve Consulting to conduct an Online Customer Engagement Survey with residential and commercial/industrial customers. Customers were invited to participate via email, bill inserts, social media and MH's website. Results were reflective of Phase 1's telephone interviews. <br> Summary of aggregated Online Survey results: <br> - Customers believe that safety and reliability are more important than cost; however, rates are still a priority. <br> - Customers are dissatisfied with blips and outages. They would like improved communications for when an outage occurs, the duration, and the cause. Rural customers noted they would like alternative communications about outages that are not through social media platforms. <br> - Innovative technologies that will reduce rates over time are important to customers. <br> - Improvements to MH's website are desired to enhance accessibility and user experience. <br> - Customers would like more choice and to continue to build trust with MH. <br> - Customers would like to see more renewables and clean energy. <br> - There is a desire for better consumption monitoring to control electricity usage. <br> - $70 \%$ of customers said they would like regular communications from MH via email, website or bill insert. | In response to residential customer feedback, MH has: - Plans to create their own system control room and invest in grid maintenance and upgrades to better manage blips and outages. - Ran an electrical safety campaign in partnership with Milton's Fire Department, Police Department, and school boards. This helped keep electrical safety as a priority and educated customers on the need for System Renewal and System Control Room upgrades. - Ran an electricity bill campaign to educate customers on how the bills are broken down, how to sign up for e-billing, and how energy distribution works. <br> - Ran a TOU vs. Tired Price Plan campaign, paired with an ebilling campaign to promote customer choice, energy savings and environmental conservation. <br> - In addition to social media outage updates, MH plans to provide email messaging, as well as text message updates to customers regarding outages, duration, and restoration. <br> - Plans to complete development of a new website that is user friendly and informative. |


| PHASE 3: Commercial/Industrial Customer (>50) Engagement Virtual Meeting - (November 3, 2021, Teams Meeting) <br> Meeting invitation emailed to 284 customers $>50 \mathrm{~kW}$ to join meeting. <br> Total customers engaged in Phase 3: 17 | MH has engaged Decision Partners and Verve Consulting to assist in hosting a Commercial/ Industrial Customer (>50Kwh) Engagement Virtual Meeting. The meeting featured a two-staged approach which employed both qualitative and quantitative research methods. This two-staged approach was designed to allow these larger business customers multiple opportunities to provide feedback, during the virtual meeting and as part of a distributed online survey. <br> Meeting Highlights: <br> - Diagnostics strongly indicate that Phase 3's virtual meeting was positively perceived by nearly all customers. Feedback was consistent with Phase 1 and 2. <br> - Customers $>50 \mathrm{~kW}$ believe that MH has found the right balance between the level of investment proposed in the draft plan, and the associated rate impacts presented. They concurred with MH's approach. <br> - Throughout this engagement, customers consistently noted that they would be supportive of incremental investments to be more proactive in terms of system renewal, and other investments that provide benefit to customers both today and in the future. There was a strong focus on supporting operational and infrastructure improvements to ensure power is reliable. <br> - Customers support continual maintenance and equipment upgrades to reduce outages and their duration, especially during extreme weather events. <br> Some notable statistics include: <br> - $90 \%$ of customers support MH's plan for system access, renewal and service. <br> - $80 \%$ of customers are in support of MH's general plant plans. <br> - $70 \%$ would like to hear from MH on a regular basis via email | In response to commercial/industrial customer feedback, MH has: - Plans to establish their own system control room to monitor the grid. This will give MH more insight into blips and outages. With a new control room, MH can better manage automated messaging to customers about outages and restorations. An automated text and email service is in development to be proactive about outages, duration, and restoration. <br> - Continued to improve grid infrastructure so that power is safe and reliable. <br> - Invested in hiring industry experts to keep up with the expanding demand so power can remain stable, and equipment can be kept up safely. <br> - Plans to continue to email customers important updates, as well as MH's new 2022 industry blog. <br> - Plans to schedule short 10 question, bi-annual surveys to get a pulse on how our customers are feeling. |
| :---: | :---: | :---: |
| Customer Satisfaction Survey - Residential and Small Commercial Customers - (August 16, 2021 to September 12, 2021) <br> Total number of residential customers engaged: 402 <br> - $85 \%$ residential customers <br> - $15 \%$ commercial customers | MH has engaged UtilityPULSE to conduct a Customer Satisfaction Survey. The primary objective of the survey is to provide information that supports discussions about improving customer care at every level of MH . The survey results were based on 402 one-on-one telephone interviews, chosen from a random sample of customers. <br> Each customer response/score in the annual survey is carefully analyzed and is an important indicator/influencer of what needs to be reviewed in MH processes and/or services. <br> Summary of aggregated phone survey results: <br> - Input from customers was positive and above provincial and national standards. Some notable statistics include: <br> - $93 \%$ overall customer satisfaction ( $2019=93 \% / 2017=88 \%$ ). <br> - 96\% Customer Experience Performance Rating (2019 = 88\%/ <br> 2017 = 84\%). <br> - 85\% Customer Centric Engagement Index (2019 = 87\%/ $2017=$ 82\%). <br> $-86 \%$ credibility and trust ( $2019=88 \% / 2017=83 \%$ ). <br> - $94 \%$ in support of upgrading equipment for reliability (2019 = 88\%/ 2017 not asked). <br> Customers expressed a need for the following: <br> - Digitization of services. <br> - Outbound and proactive communications. <br> - Reliable and safe electricity. <br> - Continued improvements to ensure reliability, reduce outages and duration of outages, especially during extreme weather events. <br> - Enhanced cyber security. <br> - Education on incentive programs, conservation and | For many years, MH has analyzed customer survey responses and made improvements to better meet customer expectations as identified in the surveys. Although overall satisfaction scores have remained high, there is always room for improvement. <br> In response to residential customer feedback, MH has: - Developed a new, user friendly website that customers can quickly and easily get questions answered and bills paid. - Plans to establish automated text and email messages to customers during outages. <br> - Hired expertise to assist in restoring power quickly and safely. - Developed an IT Roadmap to ensure customers' information is secure. <br> - Developed several educational campaigns for social media, email and MH's website. Promote the OEB, IESO and Ministry of Energy's content to help guide customers where to get extra support. |


| Customer Service Interactions | Knowledgeable customer service representatives engage with MH customers on a daily basis through a number of direct MH customers on a daly basis trough a customer service interactions - by telephone, email, mail, fax, and face-to-face (though restricted due to COVID-19). On-line services are a growing preference for many customers, and with $70 \%$ of MH customers e-billing. <br> Customers expressed the following needs: <br> - Customers would prefer a more user-friendly website with interactive chat features to support their e-billing experience. - Text and email communications have also been expressed as a desirable form of receiving information from MH . - With an interest in new ways of communication, many customers continue to prefer to speak directly with a customer service representative (CSR) over the phone to get specific details about their account. In 2021, CSRs answered a total of 29,039 calls and 837 calls within 30 seconds. <br> The survey conducted by UtilityPULSE's highlights areas of MH's customer service: <br> $-86 \%$ customer focused ( $2019=83 \% / 2017=82 \%$ ). <br> -88\% deals with customers problems professionally (2019 = $92 \% / 2017=82 \%$ ). | In response to customer feedback from multiple surveys and individual emails/calls/letters, MH has: <br> -Plans to implement an automated texting and emailing service to inform customers of outages, restorations, and important updates This will help MH be proactive in communications and reduce customers calling in. <br> - Connected CSRs to MH's new website chat portal. This provides another service. <br> - Plans to build a system control room to better control outages and result in MH having more control over their communications. - Developed a new, simplified script for MH's outage number and main line. This helps direct customers quicker and helps assist those with language barriers |
| :---: | :---: | :---: |
| Community Outreach | Milton Hydro is evolving to become more customer centric in every faucet of its operations. Under new leadership, community outreach has become an important aspect of how MH engages with its customers throughout the year. In 2021, MH has made effort to connect with the Milton Township and local public secto partners such as the Milton Fire Department, Halton Regional Police, Halton Healthcare, Milton Transit, Halton District Schoo Board, and Halton Catholic District School Board. <br> MH customers are prioritizing: <br> - Reliability <br> Safety <br> Electricity rates <br> Education surrounding bills, support programs and energy <br> conservation | In response to community feedback, MH has <br> - Aimed to humanize the company, by showing the people behind <br> the power. By showing up to community events and participating in <br> educational initiatives, MH hopes to show the community what our <br> new vision and values are moving forward. <br> Established a Press Release Service to inform customers of <br> important updates. <br> - Developed a MH blog to highlight MH innovation and interesting <br> industry updates. <br> - Connected with local agencies, such as the Chamber of <br> Commerce and Halton Community Services Directory to share <br> important contact information. <br> - Connected with local papers and radio stations to communicate <br> major outages, restorations, and important updates with <br> customers. <br> - Developed a Diversity and Inclusion Committee to provide will nurture diversity and inclusion and bring together ideas that feel safe and accepted. The group works on community responsiveness by developing plans for responding to both positive and negative news, movemen, tration and events. - Plans to continue MH's Thanksgiving Donation Drive next ye that helped contribute to our local Police Department's 'Fill a Cruiser' Campaign. <br> - Plans to continue to participate in the Santa Clause Parade with the goal of sharing electrical safety tips with the community. This booklets, pencils with safety tips. <br> -Plans to continue to support Miracle of Main Street, run by the Jeet Sign Foundation and the Halton Regional Police. |


| Online and Digital Tools | A majority of customers are going digital and require enhanced access to digital tools and real-time data. Some prefer self-serve web-based options, others would like to see more automated texting and email communications. Social media platforms, such as Twitter, are being used to communicate outages and restorations 24/7, but MH customers would like an omnichannel approach. <br> The following are online priorities based on customer communication with MH: <br> - Develop a new website that is more intuitive and navigable. <br> - Ensure customer information is secure. <br> - Reduce environmental impact with paperless billing and <br> education on conservation initiatives/tips. <br> - Receive text messages and email updates about outages and restorations, as well as other important updates. | To improve customer engagement online, MH has: <br> - Developed a new, easy to navigate website with enhanced content. The website will be AODA compliant, mobile optimized, and equipped with SEO. Customer service live will have a live chat platform to easily and quickly answer customers' questions, which will decrease calls. The website will have updated pdfs/images/copy, a press release news page, and careers page. An industry blog will also be added to educate customers. - Grown MH's social media presence on Twitter, LinkedIn, and Facebook significantly with more frequent, scheduled posts, and close monitoring and responding to customers' messages. Twitter has been a popular tool during power outages, but also to provide timely conservation and safety information. Linkedln has been effective in communicating MH career opening. MH now monitors data through analytics on a monthly basis to keep on the pulse of what customers are most interested. All platforms will be used to share various educational campaigns with customers (focus on safety, understanding bills and support programs, environment and energy conservation). <br> - Plans to establish an Outage Management System (OMS) to improve communication with customers during outages, including a web-based outage map that pinpoints the extent of the outage in real time. This OMS is also linked to MH's Twitter feed to update customers on outages and restorations. <br> - Developed an email template to notify customers of planned and emergency outages and restorations during work hours. A 24/7 automated email is in development. |
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Appendix 2-BA
Fixed Asset Continuity Schedule ${ }^{1}$

| Accounting Standard | MIFRS |
| ---: | ---: |
| Year | 2020 |


|  |  |  | Cost |  |  |  |  |  |  | Accumulated Depreciation |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { CCA } \\ \text { Class }^{2} \end{gathered}$ | $\begin{gathered} \text { OEB } \\ \text { Account }{ }^{3} \end{gathered}$ | Description ${ }^{3}$ | Opening Balance ${ }^{8}$ |  | Additions ${ }^{4}$ |  | Disposals ${ }^{6}$ | Closing Balance |  | Opening <br> Balance ${ }^{8}$ |  | Additions |  | Disposals ${ }^{6}$ |  | Closing Balance |  | Net Book Value |  |
| 47 | 1609 | Capital Contributions Paid | \$ | 2,087,341 | \$ | 115,892 |  | \$ | 2,203,233 | \$ | 44,440 | \$ | 55,118 | \$ | - | \$ | 99,557 | \$ | 2,103,676 |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 2,785,834 | \$ | 70,826 |  | \$ | 2,856,660 | \$ | 1,873,036 | \$ | 357,116 | \$ | - | \$ | 2,230,152 | \$ | 626,507 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | S | - | \$ | - | \$ | - |
| N/A | 1805 | Land | \$ | 69,883 |  |  |  | \$ | 69,883 | \$ |  | \$ |  | \$ | - | \$ |  | \$ | 69,883 |
| 47 | 1808 | Buildings | \$ | - |  |  |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ | - |
| 13 | 1810 | Leasehold Improvements | \$ | - |  |  |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ | - | \$ | - |
| 47 | 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ | \$ | - |  |  |  | \$ |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1820 | Distribution Station Equipment < 50 kV | \$ | 1,455,992 |  |  |  | \$ | 1,455,992 | \$ | 1,451,445 | \$ | 2,222 | \$ | - | \$ | 1,453,667 | \$ | 2,325 |
| 47 | 1825 | Storage Battery Equipment | \$ | - |  |  |  | \$ |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ | 38,893,962 | \$ | 2,434,491 | -\$ 299,495 | \$ | 41,028,957 | \$ | 14,135,244 | \$ | 687,777 | - | 116,468 | \$ | 14,706,553 | \$ | 26,322,405 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 24,480,042 | \$ | 1,913,635 | -\$ 140,671 | \$ | 26,253,006 | \$ | 12,809,467 | \$ | 417,749 | -\$ | 85,563 | \$ | 13,141,653 | \$ | 13,111,352 |
| 47 | 1840 | Underground Conduit | \$ | 31,796,902 | \$ | 740,115 | -\$ 0 | \$ | 32,537,017 | \$ | 10,661,789 | \$ | 736,830 | \$ | - | \$ | 11,398,619 | \$ | 21,138,398 |
| 47 | 1845 | Underground Conductors \& Devices | \$ | 24,948,042 | \$ | 611,441 | -\$ 59,200 | \$ | 25,500,283 | \$ | 10,127,554 | \$ | 485,384 | -\$ | 52,506 | \$ | 10,560,432 | \$ | 14,939,851 |
| 47 | 1850 | Line Transformers | \$ | 45,279,459 | \$ | 1,780,282 | -\$ 545,694 | \$ | 46,514,047 | \$ | 20,044,434 | \$ | 898,507 | -\$ | 382,674 | \$ | 20,560,267 | \$ | 25,953,780 |
| 47 | 1855 | Services (Overhead \& Underground) | \$ | 13,935,236 | \$ | 373,374 | -\$ 302 | \$ | 14,308,308 | \$ | 3,313,804 | \$ | 339,519 | - | 123 | \$ | 3,653,200 | \$ | 10,655,107 |
| 47 | 1860 | Meters | \$ | - |  |  |  | \$ |  | \$ | - | \$ |  | \$ |  | \$ | - | \$ | - |
| 47 | 1860 | Meters (Smart Meters) | \$ | 13,891,731 | \$ | 1,280,000 | -\$ 786,527 | \$ | 14,385,203 | \$ | 7,402,423 | \$ | 869,290 | -\$ | 569,695 | \$ | 7,702,019 | \$ | 6,683,184 |
| N/A | 1905 | Land | \$ | 4,040,000 |  |  |  | \$ | 4,040,000 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 4,040,000 |
| 47 | 1908 | Buildings \& Fixtures | \$ | 10,737,748 | \$ | 30,135 |  | \$ | 10,767,883 | \$ | 899,057 | \$ | 216,897 | \$ | - | \$ | 1,115,955 | \$ | 9,651,929 |
|  | 1908 | Buidling disallowed in 2016 COS | -\$ | 1,429,202 |  |  |  | S | 1,429,202 | -\$ | 128,628 | -\$ | 28,584 | \$ | - | -\$ | 157,212 | -\$ | 1,271,990 |
| 13 | 1910 | Leasehold Improvements | \$ | 377,009 |  |  |  | \$ | 377,009 | \$ | 377,009 | \$ | - | \$ | - | \$ | 377,009 | \$ | - |
| 8 | 1915 | Office Furniture \& Equipment (10 years) | \$ | 1,131,656 | \$ | 2,685 |  | \$ | 1,134,341 | \$ | 879,791 | \$ | 50,165 | \$ | - | \$ | 929,955 | \$ | 204,386 |
| 8 | 1915 | Office Furniture \& Equipment ( 5 years) | \$ |  |  |  |  | \$ |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 10 | 1920 | Computer Equipment - Hardware | \$ | 2,363,401 | \$ | 83,786 |  | \$ | 2,447,187 | \$ | 2,137,822 | \$ | 89,373 | \$ | - | \$ | 2,227,195 | \$ | 219,993 |
| 45 | 1920 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 10 | 1930 | Transportation Equipment | \$ | 3,501,517 |  |  |  | \$ | 3,501,517 | \$ | 1,803,613 | \$ | 273,819 | S | - | \$ | 2,077,432 | \$ | 1,424,085 |
| 8 | 1935 | Stores Equipment | \$ | 566,175 | \$ | 9,743 |  |  | 575,918 | \$ | 282,420 | \$ | 24,233 | \$ | - | \$ | 306,652 | \$ | 269,266 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ | 698,716 | \$ | 18,043 |  | \$ | 716,759 | \$ | 462,743 | \$ | 31,837 | \$ |  | \$ | 494,580 | \$ | 222,179 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ | 170,762 |  |  |  | \$ | 170,762 | \$ | 114,637 | \$ | 14,027 | \$ | - | \$ | 128,664 | \$ | 42,098 |
| 8 | 1950 | Power Operated Equipment | \$ | - |  |  |  | \$ |  | \$ |  | \$ |  | \$ | - | \$ |  | \$ |  |
| 8 | 1955 | Communications Equipment | \$ | 650,854 | \$ | 9,108 |  | \$ | 659,961 | \$ | 404,988 | \$ | 45,493 | \$ | - | \$ | 450,481 | \$ | 209,480 |
| 8 | 1955 | Communication Equipment (Smart Meters) | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 8 | 1960 | Miscellaneous Equipment | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1970 | Load Management Controls Customer Premises | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1975 | Load Management Controls Utility Premises | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1980 | System Supervisor Equipment | \$ | 1,891,796 | \$ | 232,323 |  | \$ | 2,124,119 | \$ | 292,106 | \$ | 133,252 | \$ | - | \$ | 425,359 | \$ | 1,698,760 |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | - |  |  |  | \$ | - | \$ | - | \$ | - | S | - | \$ | - | \$ | - |
| 47 | 1990 | Other Tangible Property | \$ | 133,004 |  |  |  | \$ | 133,004 | \$ | 118,180 | S | 11,029 | \$ | - | \$ | 129,209 | \$ | 3,795 |
| 47 | 1995 | Contributions \& Grants | -\$ | 47,115,668 |  |  |  | -\$ | 47,115,668 | \$ | 18,640,713 | -\$ | 1,105,078 | \$ | - | -\$ | 19,745,790 | -\$ | 27,369,877 |
| 47 | 2440 | Deferred Revenue | -\$ | 17,837,568 | -\$ | 2,303,048 |  | S | 20,140,616 | - | 1,507,470 | -\$ | 484,446 | \$ | - | -\$ | 1,991,915 | -\$ | 18,148,700 |
|  | 2005 | Property Under Finance Lease7 |  |  |  |  |  | S | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Sub-Total | \$ | 159,504,624 | \$ | 7,402,830 | -\$ 1,831,889 |  | 165,075,566 | \$ | 69,359,191 | \$ | 4,121,530 |  | 1,207,029 | \$ | 72,273,693 | \$ | 92,801,873 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  | \$ |  |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility <br> Assets (input as negative) |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Total PP\&E | \$ | 159,504,624 | \$ | 7,402,830 | -\$ 1,831,889 |  | 165,075,566 | \$ | 69,359,191 | \$ | 4,121,530 |  | 1,207,029 | \$ | 72,273,693 | \$ | 92,801,873 |
|  |  | Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Total <br> \$ 4,121,530 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



## Notes:

1 Tables in the format outlined above covering all fixed asset accounts should be submitted for the Test Year, Bridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earlie of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts. If this is the first application where the applicant is rebasing under MIFRS, contact OEB staff for further guidance on the appropriate fixed asset continuity schedules to complete (i.e. applicable years and accounting standard for each schedule).

2 The "CCA Class" for fixed assets should generally agree with the CCA Class used for tax purposes in Tax Returns. Fixed Assets sub-components may be used where the underlying asset components are classified under multiple CCA Classes for tax purposes. If an applicant uses any different classes from those shown in the table, an explanation should be provided. (also see note 3).
3 The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the OEB.
4 The additions in column (E) must not include construction work in progress (CWIP)

Effective on the date of IFRS adoption, customer contributions will no longer be recorded in Account 1995 Contributions \& Grants, but will be recorded in Account 2440, Deferred Revenues.
5 Amortization of deferred revenue will be removed from the depreciation expense shown on this fixed asset continuity schedule as it should be included as income in Appendix 2-H Other Revenues.
6 The applicant must ensure that all asset disposals have been clearly identified in the Chapter 2 Appendices for all historic, bridge and test years. Where a distributor for general financial reporting purposes under IFRS has accounted for the amount of gain or loss on the retirement of assets in a pool of like assets as a charge or credit to income, for reporting and rate application filings, the distributor shall reclassify such gains and losses as depreciation expense, and disclose the amount separately.
7 This account includes the amount recorded under finance leases for plant leased from others and used by the utility in its utility operations
8 The applicant must establish the continuity of historical cost for gross assets and accumulated depreciation by asset class by ensuring that the opening balance in the year agrees to the closing balance in the prior year.


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## Appendix 2-BA

## Fixed Asset Continuity Schedule ${ }^{1}$

## $\begin{array}{rc}\text { Accounting Standard } & \text { MIFRS } \\ \text { Year } & 2022\end{array}$

|  | $\begin{gathered} \text { OEB } \\ \text { Account }^{3} \\ \hline \end{gathered}$ | Description ${ }^{3}$ | Cost |  |  |  |  |  |  |  | Accumulated Depreciation |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { CCA } \\ \text { Class }^{2} \end{gathered}$ |  |  | Opening Balance ${ }^{8}$ |  | Additions ${ }^{4}$ |  | Disposals ${ }^{6}$ |  | Closing Balance |  | Opening Balance ${ }^{8}$ |  | Additions |  | Disposals ${ }^{6}$ |  | Closing Balance |  | Net Book Value |  |
| 47 | 1609 | Capital Contributions Paid (Other Intangible Assets) | \$ | 2,009,006 | \$ | - | \$ | - | \$ | 2,009,006 | \$ | 149,630 | \$ | 50,073 | \$ | - | \$ | 199,703 | \$ | 1,809,303 |
| 5 | 1611 | Computer Software | \$ | 2,926,484 | \$ | 547,060 | \$ | - | \$ | 3,473,544 | \$ | 2,525,121 | \$ | 263,251 | \$ | - | \$ | 2,788,372 | \$ | 685,172 |
| 0 | 1725 | Poles, Towers and Fixtures | \$ |  | \$ |  | \$ | - | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 0 | 1730 | Overhead Conductors and Devices | \$ | - | \$ | - | \$ | - | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| N/A | 1805 | Land | \$ | 69,883 | \$ | - | \$ | - | \$ | 69,883 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 69,883 |
| 47 | 1820 | Distribution Station Equipment Normally Primary below 50 kV | S | 1,455,992 | \$ | - | \$ | - | \$ | 1,455,992 | \$ | 1,454,599 | \$ | 934 | \$ | - | \$ | 1,455,533 | \$ | 460 |
| 47 | 1830 | Poles, Towers and Fixtures | \$ | 41,892,299 | \$ | 2,123,772 | -\$ | 650,000 | \$ | 43,366,072 | \$ | 15,221,507 | \$ | 758,391 | -\$ | 300,000 | \$ | 15,679,898 | \$ | 27,686,173 |
| 47 | 1835 | Overhead Conductors and Devices | + | 26,964,238 |  | 1,959,548 | \$ | - | \$ | 28,923,786 | \$ | 13,537,853 | \$ | 478,207 | \$ | - | \$ | 14,016,060 | \$ | 14,907,726 |
| 47 | 1840 | Underground Conduit | \$ | 34,088,150 |  | 1,667,581 | \$ | - | \$ | 35,755,731 | \$ | 12,161,340 | \$ | 803,552 | \$ | - | \$ | 12,964,892 | \$ | 22,790,839 |
| 47 | 1845 | Underground Conductors and Devices | \$ | 26,434,621 |  | 1,115,865 | \$ | - | \$ | 27,550,486 | \$ | 11,007,610 | \$ | 539,020 | \$ | - | \$ | 11,546,629 | \$ | 16,003,857 |
| 47 | 1850 | Line Transformers | \$ | 47,832,478 |  | 2,187,208 | \$ | - | \$ | 50,019,686 | \$ | 21,097,128 | \$ | 986,386 | \$ | - | \$ | 22,083,514 | \$ | 27,936,172 |
| 47 | 1855 | Services | \$ | 15,034,867 |  | 776,762 | \$ | - |  | 15,811,629 | \$ | 4,005,988 | \$ | 371,366 | \$ |  | \$ | 4,377,354 | \$ | 11,434,274 |
| 47 | 1860 | Meters | S | 15,304,660 |  | 2,820,676 | \$ | - | \$ | 18,125,335 | S | 8,410,790 | \$ | 1,019,722 | \$ | - | \$ | 9,430,512 | \$ | 8,694,823 |
| N/A | 1905 | Land | \$ | 4,040,000 | \$ |  | \$ |  | S | 4,040,000 | S | - | \$ | - | \$ | - | \$ | - | \$ | 4,040,000 |
| 1b | 1908 | Buildings and Fixtures |  | 10,767,883 |  | 593,000 | \$ | - | \$ | 11,360,883 | \$ | 1,332,852 | \$ | 222,827 | \$ | - | \$ | 1,555,679 | \$ | 9,805,204 |
|  |  |  |  |  |  |  |  |  | \$ |  |  |  |  |  |  |  | \$ | - | \$ | - |
| 13 | 1910 | Leasehold Improvements | \$ | 377,009 | \$ | - | \$ | - | \$ | 377,009 | \$ | 377,009 | \$ | - | \$ | - | \$ | 377,009 | \$ | - |
| 8 | 1915 | Office Furniture and Equipment | \$ | 1,134,341 | \$ | - | \$ | - | \$ | 1,134,341 | \$ | 976,011 | \$ | 42,168 | \$ | - | \$ | 1,018,179 | \$ | 116,162 |
| 50 | 1920 | Computer Equipment Hardware | \$ | 2,539,334 | \$ | 117,500 | \$ | - | \$ | 2,656,834 | \$ | 2,312,939 | \$ | 91,634 | \$ | - | \$ | 2,404,573 | \$ | 252,262 |
| 12 | 1925 | Computer Software | \$ | - | \$ | - | \$ | - | S |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 10 | 1930 | Transportation Equipment | \$ | 3,552,461 | \$ | 751,500 | \$ | - | \$ | 4,303,961 | \$ | 2,316,394 | \$ | 290,228 | \$ | - | \$ | 2,606,622 | \$ | 1,697,339 |
| 8 | 1935 | Stores Equipment | \$ | 575,918 | \$ | 20,000 | \$ | - | \$ | 595,918 | \$ | 331,291 | \$ | 25,472 | \$ | - | \$ | 356,763 | \$ | 239,155 |
| 8 | 1940 | Tools, Shop and Garage Equipment | \$ | 756,313 | \$ | 30,000 | \$ | - | S | 786,313 | \$ | 528,949 | \$ | 37,298 | \$ | - | \$ | 566,247 | \$ | 220,066 |
| 8 | 1945 | Measurement and Testing Equipment | \$ | 170,762 | \$ |  | \$ | - | S | 170,762 | \$ | 139,728 | \$ | 6,481 | \$ |  | \$ | 146,209 | \$ | 24,553 |
| 8 | 1955 | Communication Equipment | S | 673,100 | \$ |  | \$ | - | S | 673,100 | \$ | 495,910 | \$ | 44,574 | \$ |  | \$ | 540,484 | \$ | 132,616 |
| 8 | 1980 | System Supervisory Equipment | \$ | 2,383,544 | \$ | 235,352 | \$ | - | S | 2,618,896 | \$ | 574,035 | \$ | 165,163 | \$ |  | \$ | 739,198 | \$ | 1,879,698 |
| 47 | 1990 | Other Tangible Property | \$ | 133,004 | \$ |  | \$ | - | \$ | 133,004 | \$ | 133,004 | \$ |  | \$ | - | \$ | 133,004 | -\$ | 0 |
| 0 | 1995 | Contributions and Grants | -\$ | 47,115,668 | \$ |  | \$ | - | -\$ | 47,115,668 | -\$ | 20,846,919 | - | 1,101,130 | \$ | - | -\$ | 21,948,049 | - | 25,167,619 |
|  | various | Major Spare Parts | \$ | 610,000 | \$ | 15,250 | S | - |  | 625,250 | \$ | - | \$ | 15,250 | \$ | - | \$ | 15,250 | - | 610,000 |
|  | 2440 | Capital contributions - Distribution | -\$ | 23,087,850 |  | 3,024,069 | \$ | - | - | 26,111,919 | -\$ | 2,540,511 | - | 619,375 | \$ | - | -\$ | 3,159,886 | - | 22,952,033 |
|  |  | Sub-Total | S | 171,522,832 |  | 11,937,005 | -\$ | 650,000 |  | 182,809,837 | \$ | 75,702,258 | \$ | 4,491,491 | -\$ | 300,000 | \$ | 79,893,749 | \$ | 102,916,088 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  |  | \$ |  |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility <br> Assets (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Total PP\&E | \$ | 171,522,832 |  | 11,937,005 | -\$ | 650,000 |  | 182,809,837 | \$ | 75,702,258 | \$ | 4,491,491 | -\$ | 300,000 | \$ | 79,893,749 | \$ | 102,916,088 |
|  |  | Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Total |  |  |  |  |  |  |  |  |  |  | \$ |  |  |  |  |  |  |  |


| 10 | 1930 | Transportation |  | -\$ | 290,228 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | 1940 | Tools |  | -\$ | 37,298 |
| 47 | 2440 | Capital Contributions |  | \$ | 619,375 |
|  |  |  | Net Depreciation |  | 4,783,340 |

Notes:
1 Tables in the format outlined above covering all fixed asset accounts should be submitted for the Test Year, Bridge Year and all relevant historical years. At a minimum , the applicant must provide data for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts. If this is the first application where the applicant is rebasing under MIFRS, contact OEB staff for further guidance on the appropriate fixed asset continuity schedules to complete (i.e. applicable years and accounting standard for each schedule).

2 The "CCA Class" for fixed assets should generally agree with the CCA Class used for tax purposes in Tax Returns. Fixed Assets sub-components may be used where the underlying asset components are classified under multiple CCA Classes for tax purposes. If an applicant uses any different classes from those shown in the table, an explanation should be provided. (also see note 3 ).

3 The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the OEB
4 The additions in column (E) must not include construction work in progress (CWIP).
Effective on the date of IFRS adoption, customer contributions will no longer be recorded in Account 1995 Contributions \& Grants, but will be recorded in Account 2440, Deferred Revenues Amortization of deferred revenue will be removed from the depreciation expense shown on this fixed asset continuity schedule as it should be included as income in Appendix 2-H Other Revenues.

6 The applicant must ensure that all asset disposals have been clearly identified in the Chapter 2 Appendices for all historic, bridge and test years. Where a distributor for general financial reporting purposes under IFRS has accounted for the amount of gain or loss on the retirement of assets in a pool of like assets as a charge or credit to income, for reporting and rate application filings, the distributor shall reclassify such gains and losses as depreciation expense, and disclose the amount separately.

7 This account includes the amount recorded under finance leases for plant leased from others and used by the utility in its utility operations
8 The applicant must establish the continuity of historical cost for gross assets and accumulated depreciation by asset class by ensuring that the opening balance in the year agrees to the closing balance in the prior year.



## Appendix 2-BB <br> Service Life Comparison <br> Table F-1 from Kinetrics Report ${ }^{1}$



| Table F-2 from Kinetrics Report ${ }^{1}$ |  |  |  |  | USOA Account Number |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Details | Useful Life Range |  |  | USoA Account Description | Current |  | Proposed |  | Outside Range of Min, Max TUL? |  |
| \# | Categoryl Component \| Type |  |  |  | Years |  | Rate | Years | Rate | Below Min Range | Above Max Range |
| 1 | Office Equipment |  | 5 | 15 |  | 1915 | Office Equipment | 10 | 10\% | 10 | 10\% | No | No |
| 2 | Vehicles | Trucks \& Buckets | 5 | 15 | 1930 | Vehicles - Heavy | 12 | 8\% | 12 | 8\% | No | No |
|  |  | Trailers | 5 | 20 | 1930 | Vehicles - Light | 8 | 13\% | 8 | 13\% | No | No |
|  |  | Vans | 5 | 10 | 1930 | Vehicles - Other Mobile Equipment | 12 | 8\% | 12 | 8\% | No | Yes |
| 3 | Administrative Buildings |  | 50 | 75 | 1908 | Administrative Buildings | 50 | 2\% | 50 | 2\% | No | No |
| 4 | Leasehold Improvements |  | Lease dependent |  | 1910 | Leasehold Improvements | 5 | 20\% | 5 | 20\% |  |  |
| 5 | Station Buildings | Station Buildings | 50 | 75 |  | n/a |  |  |  |  |  |  |
|  |  | Parking | 25 | 30 |  | n/a |  |  |  |  |  |  |
|  |  | Fence | 25 | 60 |  | n/a |  |  |  |  |  |  |
|  |  | Roof | 20 | 30 |  | n/a |  |  |  |  |  |  |
| 6 | Computer Equipment | Hardware | 3 | 5 | 1920 | Computer Hardware | 5 | 20\% | 5 | 20\% | No | No |
| 6 |  | Software | 2 | 5 | 1925 | Computer Software | 5 | 20\% | 5 | 20\% | No | No |
| 7 | Equipment | Power Operated | 5 | 10 | 1940 | Power Operated | 10 | 10\% | 10 | 10\% | No | No |
|  |  | Stores | 5 | 10 | 1935 | Stores Equipment | 12 | 8\% | 12 | 8\% | No | Yes |
|  |  | Tools, Shop, Garage Equipment | 5 | 10 | 1940 | Major Tools | 10 | 10\% | 10 | 10\% | No | No |
|  |  | Measurement \& Testing Equipment | 5 | 10 | 1945 | Measurement \& Testing Equipment | 10 | 10\% | 10 | 10\% | No | No |
| 8 | Communication | Towers | 60 | 70 | 1955 | n/a |  |  |  |  |  |  |
|  |  | Wireless | 2 | 10 | 1955 | Communication Equipment | 10 | 10\% | 10 | 10\% | No | No |
| 9 | Residential Energy Meters |  | 25 | 35 | 1860 | n/a |  | 0\% |  |  |  |  |
| 10 | Industrial/Commercial Energy Meters |  | 25 | 35 | 1860 | n/a |  | 0\% |  |  |  |  |
| 11 | Wholesale Energy Meters |  | 15 | 30 |  |  |  |  |  |  |  |  |
| 12 | Current \& Potential Transformer (CT \& PT) |  | 35 | 50 |  |  |  |  |  |  |  |  |
| 13 | Smart Meters |  | 5 | 15 | 1860 | Meters | 15 | 0\% | 15 | 7\% | No | No |
| 14 | Repeaters - Smart Metering |  | 10 | 15 | 1860 | Meters | 15 | 0\% | 15 | 7\% | No | No |
| 15 | Data Collectors - Smart Metering |  | 15 | 20 | 1860 | Meters | 15 | 0\% | 15 | 7\% | No | No |

* TS \& MS = Transformer and Municipal Stations UG = Underground Systems S = Monitoring and Control Systems

Appendix 2-C
Depreciation and Amortization Expense

| Account | Description | Book Values |  |  |  |  |  |  | Service Lives |  |  |  | Depreciation Expense |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\underbrace{\substack{\text { Lepractad }}}_{\text {Less Fully }}$ |  | Opening Gross Book Value of Assets Acquired After Policy Change ${ }^{2}$ |  | Net Amount of Assets Acquired After Policy Change to be Depreciated | $\underbrace{}_{\substack{\text { Current Par } \\ \text { Adtitions }}}$ | Average Remaining Life of Assets Existing Before Policy Change ${ }^{3}$ | Depreciation Rate Assets Acquired After Policy Change | $\begin{gathered} \text { Life of Assets } \\ \text { Acquired After Policy } \\ \text { Change }^{4} \end{gathered}$ |  | Depreciation Expense on Assets Existing Before Policy Change |  |  | Total Current Year Depreciation Expens |  |  | Variance ${ }^{6}$ <br> $q=p .0$ |
|  |  | a | b | $c=a \cdot b$ | d | - | $f=d$ e | 9 | n | $i=1 \mathrm{~h}$ | ; | $k=1 / 3$ | $1=$ ch | $m=t i j$ | $n=g^{\circ} 0.51$ | $0=1+m+n$ |  |  |  |
| 1609 | Capital Contriutuios Paid | \$ 114,707 |  | \$ 114,707 |  |  | \$ - |  | 37.50 | 2.67\% | 40.00 | 2.50\% | \$ 3,059 | S | s - | 3,059 |  | \$ 3,059 |  |
| 1611 | Computer Software (Formaly known as Account 1925) | \$ 440,771 |  | \$ 440,771 |  |  | \$ - | \$ 330,483 | 2.79 | 35.84\% | 5.00 | 20.00\% | \$ 157,982 | s | 33,048 | \$ 191,031 |  | \$ 191,003 | 28 |
| 1612 | Land Rights (Formally known as Account 1906) |  |  | s |  |  | s |  |  | 0.00\% |  | 0.00\% | s | s - | s - | \$ - |  |  | s - |
| 1805 | Land | 69,883 |  | \$ 69,883 |  |  | s |  |  | 0.00\% |  | 0.00\% | s | \$ - | s - | \$ . |  |  | s . |
| 1808 | Builiding |  |  |  |  |  | s |  |  | 0.00\% |  | 0.00\% | s | \$ - | s - | s . |  |  | s . |
| 1810 | Leasehold Improvements |  |  | s |  |  | s |  |  | 0.00\% |  | 0.00\% | s | \$ - | s - | \$ . |  |  | s . |
| 1815 | Transforme Station Equipment 250 kV |  |  | \$ |  |  | s |  |  | 0.00\% |  | 0.00\% | s | \$ - | s - | \$ - |  |  |  |
| 1820 | Distribution Staion Equipment 550 kV | 43,417 |  | \$ 43,417 |  |  | s |  | 2.84 | 35.21\% | 30.00 | 3.33\% | \$ 15,288 | s | s - | \$ 15,288 |  | \$ 15,275 | 13 |
| 1825 | Storage Batery Equipment |  |  | \$ |  |  | \$ - |  |  | 0.00\% |  | 0.00\% | s | s - |  | \$ - |  |  | s - |
| 1830 | Poles, Towers \& Fixtures | \$ 21,120,953 |  | \$ 21,120,953 |  |  | s | \$ 1,648,808 | 38.10 | 2.62\% | 45.00 | 2.22\% | \$ 554,366 | s | 18,320 | \$ 572,676 |  | \$ 572,680 | \$ 4 |
| 1835 | Overread Conductors \& Devices | \$ 10,737,189 |  | \$ 10,737,189 |  |  | \$ - | \$ 837,639 | 36.27 | 2.76\% | 45.00 | 2.22\% | \$ 296,035 | s | 9,307 | \$ 305,342 |  | \$ 305,344 |  |
| 1840 | Underground Conduit | \$ 17,556,609 |  | \$ 17,556,609 |  |  | s | \$ 1,598,185 | 30.55 | 3.27\% | 40.00 | 2.50\% | \$ 574,684 | s | 19,977 | \$ 599,662 |  | \$ 594,670 | \$ 8 |
| 1845 | Underground Conductors \& Devices | \$ 12,125,853 |  | \$ 12,125,853 |  |  | s | \$ 1,314,963 | 33.07 | 3.02\% | 40.00 | 2.50\% | \$ 366,672 | s | 16,437 | \$ 388,109 |  | \$ 383,063 | 46 |
| 1850 | Line Transformers | \$ 21,903,085 |  | \$ 21,903,085 |  |  | s | \$ 1,940,950 | 30.12 | 3.32\% | 40.00 | 2.50\% | \$ 727,194 | s | 24,262 | \$ 751,456 |  | \$ 751,400 | 56 |
| 1855 | Serices (Overread \& Underground) | \$ 9,002,509 |  | \$ 9,002,509 |  |  | s | \$ 743,376 | 34.18 | 2.93\% | 40.00 | 2.50\% | \$ 263,385 | s | 9,292 | \$ 272,677 |  | \$ 272,684 |  |
| 1860 | Meters |  |  | \$ - |  |  | \$ |  |  | 0.00\% |  | 0.00\% | s | s - | s - | \$ - |  |  |  |
| 1860 | Meters (Smart Meters) | \$ 5,850,482 |  | \$ 5,850,482 |  |  | s | \$ 792,384 | 6.74 | 14.84\% | 15.00 | 6.67\% | \$ 868,024 | s | 26,413 | \$ 8994,47 |  | \$ 894,650 |  |
| 1905 | Land | \$ 4,040,000 |  | \$ 4,040,000 |  |  | s |  |  | 0.00\% |  | 0.00\% | s | \$ - | s - | s |  |  |  |
| 1908 | Buididing \& Fixtures | \$ $8.854,219$ |  | \$ 8,854,219 |  |  | s | \$ 1,299,480 | 49.50 | 2.02\% | 50.00 | 2.00\% | \$ $\quad 178,873$ | s | 12,995 | \$ 191,868 |  | \$ 178,873 |  |
| 1908 | Buiding disallowed in 2016 COS | -\$ 1,414,910 |  | -s 1,414,910 |  |  | s |  | 49.50 | 2.02\% | 50.00 | 2.00\% | -5 28,584 | s | s - | \$ 28,584 |  | \$ 28,584 |  |
| 1910 | Leasehold Improvements |  |  | \$ - |  |  | s |  |  | 0.00\% |  | 0.00\% | s | s . |  |  |  |  |  |
| 1915 | Office Furniture \& Equipment (10 years) | \$ 357,262 |  | \$ 357,262 |  |  | s | \$ 66,356 | 7.35 | 13.61\% | 10.00 | 10.00\% | \$ 48,607 | s | 3,318 | \$ 51,925 |  | \$ 51,923 | - 2 |
| 1915 | Office Furniture \& Equipment (5 y ears) |  |  | \$ - |  |  | s |  |  | 0.00\% |  | 0.00\% | s - | s - |  |  |  |  |  |
| 1920 | Computer Equipment- - Araware | \$ $\quad 309,831$ |  | \$ 309,831 |  |  | s | \$ 80,109 | 3.07 | 32.55\% | 5.00 | 20.00\% | \$ 100,856 | s | 8,011 | \$ 108,867 |  | \$ 108,879 | 12 |
| 1920 | Computer Equip. Hardware(Post Mar. 2204) |  |  | \$ - |  |  | s |  |  | 0.00\% |  | 0.00\% | s | s - |  |  |  |  |  |
| 1920 | Computer Equip. Hardware(Post Mar. 1907) |  |  | \$ |  |  | s |  |  | 0.00\% |  | 0.00\% | s | ${ }^{5}$ | s - | s |  |  | 5 |
| 1930 | Transporation Equipment | \$ 1,461,807 |  | \$ 1,461,807 |  |  | s | \$ 480,681 | 8.31 | 12.03\% | 10.50 | 9.52\% | \$ 175,909 | s | 22,890 | \$ 198,799 |  | \$ 199,155 | 356 |
| 1935 | Stores Equipment | \$ 320,182 |  | \$ 320,182 |  |  | s | \$ 7,460 | 16.17 | 6.18\% | 12.00 | 8.33\% | \$ $\quad 19,801$ | s | 311 | \$ 20,112 |  | \$ 20,108 | 4 |
| 1940 | Tools, Shop \& Garage Equipment | \$ $\quad 61,684$ |  | \$ 61,684 |  |  | s | \$ 25,577 | 3.34 | 29.94\% | 10.00 | 10.00\% | \$ $\quad 18,468$ | s | 1,279 | \$ 19,747 |  | \$ 19,725 |  |
| 1945 | Measurement \& Testing Equipment | \$ 49,393 |  | \$ 49,393 |  |  | s |  |  | 0.00\% | 10.00 | 10.00\% | s | s | s - | s |  |  | s |
| 1950 | Power Operated Equipment |  |  | \$ |  |  | s |  |  | 0.00\% |  | 0.00\% | s | s - | ${ }^{5}$ | 5 |  |  | \$ - |
| 1955 | Communications Equipment | \$ 344,204 |  | \$ 344,204 |  |  | S | \$ 79,731 | 9.16 | 10.92\% | 10.00 | 10.00\% | \$ 37 | s | 3,987 | \$ 41,563 |  | \$ 41,573 | \$ 10 |
| 1955 | Communicaion Equipment (Smart Meters) |  |  | \$ - |  |  | S |  |  | 0.00\% |  | 0.00\% | \$ - | s - | s - | \$ - |  |  | s |
| 1960 | Miscellaneous Equipment |  |  | \$ |  |  | S |  |  | 0.00\% |  | 0.00\% | s | s | s - | s |  |  | s |
| 1970 | Load Management Controls Customer Premises |  |  | \$ |  |  | \$ - |  |  | 0.00\% |  | 0.00\% | s | \$ - | s - | s . |  |  | s . |
| 1975 | Load Management Controls Uutily Premises |  |  | \$ |  |  | \$ |  |  | 0.00\% |  | 0.00\% | s | s . | s - | \$ - |  |  | s - |
| 1980 | System Superisiso Equipment | \$ 75,608 |  | \$ 75,608 |  |  | s | \$ 74,692 | 13.00 | 7.69\% | 15.00 | 6.67\% | \$ $\quad 5.816$ | s - | 2,490 | \$ 8,306 |  | \$ 8,317 | s $\quad 11$ |
| 1985 | Miscellaneous Fixied Assets |  |  | \$ |  |  | \$ - |  |  | 0.00\% |  | 0.00\% | s | s | s - | s |  |  | s - |
| 1990 | Other Tangible Property | \$ 72,697 |  | \$ 72,697 |  |  | \$ - |  | 5.02 | 19.92\% | 10.00 | 10.00\% | \$ 14,481 | s . | s . | 14,481 |  | \$ 14,468 | 13 |
| 1995 | Contributions \& Grants | -\$ 32,897,303 |  | -\$ 32,897,303 |  |  | \$ - |  | 29.73 | 3.36\% |  | 0.00\% | -s $\quad 1,106,536$ | s | s . -s | \$ $1,106,536$ |  | \$ 1,106,498 | \$ 38 |
| 2440 | Deferred Revenue | -s 6,481,515 |  | -s 6,481,515 |  |  | S | - $\quad 3,333,020$ | 37.57 | 2.66\% | 40.00 | 2.50\% | -s 172,518 | s - | 41,663 | 214,181 |  | \$ 214,162 | 19 |
| 2005 | Property Under Finance Lease |  |  | \$ |  |  | s |  |  | 0.00\% |  | 0.00\% | s | \$ . | s - | s |  |  |  |
|  | Total | s 74, 118,617 |  | s 74,118,617 |  | s | s | s 7,987,854 |  |  |  |  | 3,119,431 | s | S 170,673 | \$ 3,290,104 |  | \$ 3,277,605 | -s 12,499 |



| Appendix 2－C Depreciation and Amortization Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | samp |  | mamemememe | Emus |  | mamam | mom | 边 | Some |  | 50em |  |  |  | 边 | \％mase |
|  |  | $5^{3}$ | b |  | d | ． | fed－o | $\bigcirc$ | ${ }^{\text {h }}$ | $i_{\text {i }}^{1 \mathrm{ln}}$ | ${ }^{1}$ |  | ＝ch | $\frac{m=t i j}{s}$ |  |  | ${ }^{\circ}{ }^{3.05}$ | ${ }^{\text {apos }}$ |
| \％109 | Comem |  | S 81,07 |  | ${ }_{817975}$ |  |  | $5_{500788}$ |  |  |  |  |  | 16358 |  |  |  |  |
| ${ }_{16812}$ | 何 | 40， |  | 509， |  |  |  |  |  |  |  |  |  |  |  |  | － 320808 |  |
|  |  |  |  | \％oses |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1810}$ | Lemench momemes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ostatuon stame Eumeme | ${ }_{43,4}$ | 8.76 | 3.464 |  |  |  |  | 3.9 |  | 300 |  | 10.85 |  | 16 | 0.85 | － 10887 |  |
| ${ }_{\text {lex }}^{1885}$ | 为 | ， | ${ }^{105732}$［1289 | ${ }^{210,5322}$ | ${ }_{\text {2 }}^{2}$ |  | ${ }^{2709892}$ | ${ }^{\frac{5}{4} 18782}$ | ${ }_{\substack{8825 \\ 8825}}$ |  | ${ }_{4}^{4500}$ | ${ }^{222 m}$ |  |  | ${ }^{\text {atase }}$ |  | ${ }_{\text {crea }} 8$ |  |
|  | and | ${ }^{1755665}$ |  | 566 |  |  | ${ }^{2878.154}$ | ${ }^{\text {S } 1409557}$ | ${ }^{3065}$ | ${ }^{326}$ | 40 | 2058 | ${ }_{\text {greag }}$ | 695920 |  |  |  |  |
|  |  | ${ }^{\text {a }}$ | 12093 |  |  |  | 3，9，09 | ${ }^{21,490}$ |  |  |  | 200 |  |  | Sas |  |  |  |
|  |  | 9002600 |  | ${ }^{\text {9．0205 }}$ | ${ }_{1}^{1.3989}$ |  | ${ }_{1,389811}$ | ${ }^{2465}$ | 34.4 |  | ${ }_{40}$ | 250 | 2017，01 | 3，44 | ， 69 | 00，05 | 2069 |  |
|  | neas（seratwes） | ${ }_{5}^{5650882}$ | 382499 | ${ }_{5}^{5488653}$ | 1.823 .92 |  | 1883952 | s 1.4886 | ${ }_{828}$ | ${ }^{12088}$ | 1500 | ${ }^{6685}$ | 6s，${ }^{\text {a }}$ | ${ }^{\text {s }} 12,189$ | 9，590 | 80， 32 | 880，10 |  |
|  | Sememe |  |  |  | ${ }_{1}^{134093}$ |  | 1.374085 | ${ }^{56}$ | ${ }_{4950}^{495}$ |  | ${ }_{5}^{5000}$ | $\xrightarrow{2000}$ |  | ${ }^{27,48}$ | ${ }_{58} 8$ | ${ }^{269^{2} 2}$ | ${ }^{207304}$ |  |
|  |  |  |  | 1．414909 ${ }^{\text {c }}$ |  |  |  |  |  |  | 500 |  |  |  |  |  |  |  |
|  |  | 377220 | ${ }_{5,313}{ }^{5}$ | 351.49 | ${ }^{12,12}$ |  | ${ }_{21293}$ | ＋ 668 | ${ }^{776}$ |  | 1000 |  | ${ }_{\text {a，5s }}$ | ${ }^{2} 21$ | 34 | 82004 | 528 |  |
|  |  | 309898 | 22288 | 28789 | 150,7 |  | 15074 | 8167 | ${ }^{427}$ |  | 50 |  | 6，3，39 | 0， 0 | 8.98 | 10，65 | 106 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }^{\text {chen }}$ |  |  |  |  |  |  |  |  |  |  |  | ${ }^{3 \text { S0，23 }}$ |  |  | ${ }^{24.122_{2}}$ |  |
|  |  |  |  | ${ }^{\text {entrs }}$ |  |  |  | ${ }^{\frac{123838}{4355}}$ | ${ }_{\text {908 }}^{458}$ |  | $\stackrel{\substack{100 \\ 100}}{ }$ |  | ¢， |  |  | ${ }^{12005}$ |  |  |
|  |  | 344204 | $5 \quad$ 590 ${ }_{5}$ | $33865^{3}$ | ${ }^{2296}$ |  | ${ }_{92983}$ |  | 908 |  | 1000 |  | 3.982 | 0.208 |  | ${ }_{4}^{47280}$ | ¢ 46505 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }_{7560}$ |  | 75.68 | ${ }_{888767}$ |  | ${ }_{\text {888787 }}$ | ${ }^{5} 38$ | 1230 |  | 1500 | Sobem | ${ }^{5}$ | Stsed | 1122 | ${ }_{76 \text { \％97 }}$ | 7594 |  |
|  |  |  |  | T2093 |  |  |  |  | ${ }_{\text {So2 }}^{\substack{\text { S02 }}}$ |  |  |  |  |  |  |  | 14．468 |  |
|  | 为 | ${ }^{\text {3647a }}$ |  |  | ${ }_{6212355}$ |  | ${ }_{6} 6212535$ | ． 2020388 |  |  | $\xrightarrow{\text { 4000 }}$ |  |  | ${ }_{16538}$ | 36.50 | ${ }^{\text {chem }}$ |  | ${ }_{1}$ |
|  | fromet une | ${ }_{5}^{5}$ | ${ }^{722544}$ | ${ }_{5}{ }_{5}^{5}$ | ${ }_{10,023853}$ |  |  | 58.8304098 |  |  |  |  |  |  | s ${ }^{317,94}$ |  | ${ }^{-3650216}$ |  |


| Appendix 2-C <br> Depreciation and Amortization Expense |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Book Values |  |  |  |  |  |  | Service Lives |  |  |  | Depreciaito Expense |  |  |  |  |  |
|  |  |  |  |  | Opening Gross Book Value of Assets Acquired After Policy Change ${ }^{2}$ |  | Net Amount of Assets Acquired After Policy Change to be Depreciated | cimy | Average Remaining Life of Assets Existing Before Policy Change ${ }^{3}$ |  | Life of Assets Acquired After Policy Change ${ }^{4}$ | Ratem | Sen |  |  |  |  |  |
|  |  | a | b | $c=a-\mathrm{b}$ | d | - | d-e | 9 | h | $i=1 / \mathrm{h}$ | j | $k=1 / j$ | i=c/h | m= | $n=g^{0} 0.5 j$ | $0=1+m+n$ | ${ }^{\mathrm{p}}$ |  |
| 1609 | Capiniconitubios Paid | ${ }_{\text {14, }}^{1407}$ | ${ }^{172933}$ | ${ }^{114,707}$ |  |  | ${ }_{5}{ }^{1368663}$ | (1.964,922 | ${ }_{\text {37.50 }}^{407}$ | ${ }^{2.65 \%}$ | 40.00 <br> 500 | 2.50\% |  |  | $5^{24.562}$ |  |  |  |
| 1612 | Leand | ${ }^{\text {s }}$ |  |  | ${ }^{\text {s }}$ |  | 1,060.003 |  |  | - $4.00 \%$ |  | 20.00\% |  |  |  |  |  |  |
| 1805 | Land | 6.883 |  | 69883 | ${ }^{5}$ |  | s |  |  | 0.00 |  | $0.00 \%$ |  |  |  |  |  |  |
| (1088 | ${ }_{\text {billidins }}^{\text {Leasedid }}$ | s |  | s | ${ }_{5}$ |  |  |  |  | ${ }_{0}^{0.000}$ |  | 0.00\% |  | s | s | s |  |  |
| 1815 | Transtome S Staio E Euipment 5 So kV | s |  |  |  |  |  |  |  |  |  | 0.00 |  |  | s |  |  |  |
| $\underset{\substack{1820 \\ 1225}}{1}$ | Distibuion Staion Eauiment 5 Sok | 43.417 | 34,108 | ${ }^{5} 8.9 .309$ | 980 |  | 980 |  | 3.51 |  | 30.00 |  | 2.652 | ${ }_{5}{ }^{33}$ | s |  | 2.49 |  |
| 1830 | Poles, Towese 8 Fixtues | 21,120,953 | 105.732 | ${ }^{5} 21.015,221$ | 4,388,098 |  | 4,388,098 | ¢ 953,574 | 38.56 | 2.598 | 45.00 | $222^{2}$ | 545001 | 97,513 | 10.59 |  | s 653.147 |  |
| 1835 | Overhead conducters 8 devices |  | ${ }^{12,389}$ | 10,74,800 | 2.674,005 |  | 2.674 .005 |  |  | 3.18\% | 45.00 | 2222 |  | 59,42 | 9.297 |  |  |  |
| ${ }_{18}^{1845}$ | Undeaground Cononutuors 8 D Divies | 17,566,099 | 23.106 |  |  |  | 4.261,721 $3,153,192$ | s $1.90,33^{\text {s }}$ | $\begin{array}{r}30.50 \\ 32.58 \\ \hline\end{array}$ | ${ }^{\frac{3288 \%}{}} \mathbf{3}$ | 40.00 40.00 | ${ }^{2.550 \%}$ |  | 106,53 |  | \% 76660988 | ${ }_{\text {s }}^{\text {s }}$ |  |
| 1880 | Line Tanssomers | 21,903,085 | s 147,991 | s 21,750.094 | 5.688,881 |  | 5.688.881 | s 1.593,486 | ${ }_{33,96}$ | 2.946 | 40.00 | $2.50 \%$ | 600.09 | - 142222 | 19,919 | + 802750 | S 802673.s |  |
|  | Senies (Overenead 8 Undergroun) | 9.020.509 |  | 9.022.509 | ${ }^{2.2355 .330}$ |  | 2.235 .330 | - 587,82 | 34.01 | 2.94\% | 40.00 | 2.50\% | 264702 | 55,883 | 7.39 |  |  |  |
| 1880 | Meters S Smar Metes) | 5.850,482 | S 577.292 | s 5.273,190 | $5 \quad 3.310,147$ |  | 3.300.147 | s 12115.53 | ${ }^{8.33}$ | 12.00\% | 15.00 | 6.67 | 633,03 | 220.67 |  | ${ }^{5} 884231$ | s 89409 |  |
|  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (1008 | Buidifind disalolowed in 216 cos | 8.842,219 |  | 8.864219 | ${ }^{\text {s }}$ |  | 1.429 .867 | 364,22 | ${ }_{49.50}$ | $\frac{2020}{2020}$ | 50.00 | 2 | 178,83 | 26.59 | 3,622 | \% ${ }_{5}^{21,113}$ | 210,235 |  |
| 1910 | Leasenold mporomenens | s - |  |  |  |  |  |  |  | 0.00\% |  | 0.00\% | 20,5 |  |  |  |  |  |
| 1915 | Ofice fumitue E Euwipment (1) years) | 357,262 | s 13.827 | 34,4.35 | 78.81 |  | 78.811 |  | 8.08 | 12.38\% | 10.00 | 10.00\% | 42504 |  |  | ${ }^{5} 50.355$ | ¢ 50.385 |  |
| ${ }_{1915}^{1920}$ |  | 309831 | ¢ 106.583 | 203248 | ${ }^{232415}$ |  | ${ }^{232.415}$ | S 106.498 | 5.00 | $\xrightarrow{0.000 \%}$ | 5.00 |  | 40.550 | 46,43 | 10.650 | ${ }_{97782}$ | ¢ 95.60 |  |
| 1920 |  | s . |  |  |  |  |  |  |  | 0.00\% |  | 0.002 |  |  |  |  |  |  |
| 1220 |  | ${ }^{5}$ - |  |  | ${ }^{5}$ |  |  |  |  |  |  |  |  |  | s |  |  |  |
| $\stackrel{1930}{ }$ | Trasporataon Equipment | 1.461,307 | 28.495 | 1,433.312 | 1.057.811 |  | 1.057.811 | 134,104 | 9.10 | 10.99\% | 10.00 | 10.00\% | ${ }_{175,07}$ | 105,781 | 6.705 | 269,93 | 269.9 |  |
| 1990 | Touss Stupo 8 Carage Euuiment |  | 2385 | 320.182 <br> 59.299 | s ${ }^{\text {s }}$ |  | ${ }_{1}^{219.9768}$ | ¢ ${ }^{20.44} 5$ | $\stackrel{16.17}{9.08}$ |  | 1200 |  | cis.01 |  | ${ }^{1.030}$ |  | s $\quad 228.120$ |  |
| 1945 | asurement P Testing Eauipment | 9.933 | 2.62 | 46.77 | S.45 |  | 43.45 |  | 4.56 | 21.93\% | 10.00 | 10.00\% | 10.25 | 4,346 | ${ }^{5}$ | ¢ 14.64 | 14.18 |  |
| ${ }^{1950}$ | Power Opeataied Euiument | ${ }_{5}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\stackrel{1955}{\substack{1955}}$ | commuciaions Equipment | 344,204 | ${ }^{9,364}$ | 334.858 | ${ }_{92,96}$ |  | ${ }^{92,963}$ | 13.62 | ${ }^{9.70}$ | ${ }^{10.301 \%}$ | 10.00 | 10.00 | 5 ${ }^{34,52}$ | ${ }_{9}, 286$ |  |  |  |  |
| 1980 | Mssellaneous Equipment | s |  |  | ${ }^{5}$ |  | S |  |  | 0.00\% |  | $0.00 \%$ | s | ${ }_{5}$ | ${ }_{5}$ |  |  |  |
| 1970 | Load Manasement Contros Sustomer Pemises | s |  | ${ }^{5}$ | ${ }^{5}$ |  | ${ }^{5}$ |  |  | 0.00\% |  | $0.00 \%$ | S | ${ }^{5}$ | ${ }^{5}$ | ${ }^{5}$ |  | s |
| 1975 | Load Mangegenent Oontos Sulity Pemises | ${ }^{5}$ \% |  |  |  |  |  |  |  |  |  | 0.00\% |  |  |  |  |  |  |
| ¢ 1980 |  | 75.008 |  | 75.008 | 1.231,317 |  | 1.231 .317 | ¢ 566,793 | 6.22 | (10.08\% | 15.00 |  | 12,150 |  | 17,893 |  | 11,58 |  |
| 1990 | Other Tangble Property | ${ }^{72,697}$ |  | 72.697 | ${ }^{\text {s }}$ |  | s |  | 5.02 | 19.92\% | 10.00 | 10.00\% | 14.481 | s | ${ }^{5}$ | 14,481 | 14.468 -s | s $\mathrm{s} \quad 13$ |
| 1995 2090 240 |  | 32,897,303 |  | 32,89,303 |  |  |  |  |  | ${ }^{3.36 \%}$ |  |  | ,105,792 |  |  | 1,105,792 | 1,105, 138 | 659 |
| ${ }_{2005}^{2005}$ |  | 6,481.515 |  |  | 9,132,833 |  | 9,132,83 | ${ }^{20025360}$ | 36.85 | $\xrightarrow{2.700^{\circ}}$ |  |  |  |  |  |  | 431,29 |  |
|  | Total | $4.118,617$ | s 1.206,099 | s $72,881,008$ | ${ }^{5}$ |  | (6,502 | - 9,740,610 |  |  |  |  | s ${ }^{\text {c/650.541 }}$ | s 1.1128 .81 | ¢ 100.643 | 3.995 | 953,34 | 654 |







Appendix 2-D Overhead Expense

Applicants are to provide a breakdown of OM\&A before capitalization in the below table. OM\&A before capitalization may be broken down by cost center, program, drivers or another format best suited to focus on capitaized vs. uncapitaized OM\&A.

| OM\&A Before Capitalization | 2016 <br> Historical Year |  | 2017 <br> Historical Year |  | 2018 Historical Year |  | 2019 <br> Historical Year |  | 2020 <br> Historical Year |  | 2021 <br> Historical Year |  | $\begin{gathered} 2022 \\ \text { Bridge Year } \end{gathered}$ |  | $\begin{gathered} 2023 \\ \text { Test Year } \\ \hline \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Administration | \$ | 5,856,248 | \$ | 5,606,341 | \$ | 5,715,268 | \$ | 6,108,557 | \$ | 6,695,896 | \$ | 7,361,914 | \$ | 8,715,112 | S | 9,923,190 |
| Operation Costs | \$ | 1,804,179 | \$ | 1,457,335 | \$ | 1,895,514 | \$ | 2,042,561 | \$ | 1,958,499 | \$ | 1,665,488 | \$ | 1,753,325 | \$ | 1,834,232 |
| Operation Fleet | \$ | 476,294 | \$ | 548,024 | \$ | 526,048 | \$ | 535,394 | \$ | 556,051 | \$ | 584,654 | \$ | 554,402 | \$ | 565,490 |
| Direct Labour Engineering/Operations | \$ | 3,352,003 | \$ | 3,471,060 | \$ | 3,223,927 | \$ | 3,219,449 |  | 3,240,508 |  | 3,936,672 |  | 4,200,852 |  | 5,240,250 |
| Total OM\&A Before Capitalization (B) | \$ | 11,488,724 | \$ | 11,082,760 | \$ | 11,360,757 | \$ | 11,905,961 | \$ | 12,450,955 | \$ | 13,548,728 | \$ | 15,229,691 | \$ | 17,563,162 |

Applicants are to provide a breakdown of capitalized OM\&A in the below table. Capitaized OM\&A may be broken down using the categories listed in the table below if possible. Otherwise, applicants are to provide it
own break down of capitalized OM\&A.

| Capitalized OM\&A | $\begin{array}{\|c\|} 2016 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{array}{\|c\|} 2017 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{array}{\|c\|} \hline 2018 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{gathered} 2019 \\ \text { Historical Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2020 \\ \text { Historical Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2021 \\ \text { Historical Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2022 \\ \text { Bridge Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2023 \\ \text { Test Year } \end{gathered}$ |  | Directly Attributable? (Yes/No) | Explanation for Change in Overhead Capitalized Directly attributable to total labour costs charged to capital |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Employee Labour and Benefits | \$ | 1,586,606 | \$ | 1,853,725 | \$ | 1,661,052 | \$ | 1,587,586 | \$ | 1,596,323 | \$ | 1,253,050 | \$ | 2,025,750 | \$ | 2,073,366 | Yes |  |
| Fleetruck Time | \$ | 248,523 | \$ | 287,789 | S | 211,464 | \$ | 236,417 | \$ | 277,926 | \$ | 185,740 | \$ | 349,273 | \$ | 356,258 | Yes | Directly attributable to total fleet costs charged to capital |
| Total Capitalized OM\&A ( A$)$ | \$ | 1,835,128 | \$ | 2,141,514 | \$ | 1,872,517 | \$ | 1,824,003 | \$ | 1,874,248 | \$ | 1,438,790 | \$ | 2,375,023 | \$ | 2,429,625 |  |  |
| \% of Capitalized OM\&A (=A/B) |  | 16\% |  | 19\%\| |  | 16\% |  | 15\%\| |  | 15\%\| |  | 11\% |  | 16\% |  | 14\% |  |  |

Appendix 2-G
Service Reliability and Quality Indicators

## Service Reliability

| Index | Excluding Loss of Supply and Major Event Days |  |  |  |  |  | Including Major Event Days, Excluding Loss of Supply |  |  |  |  |  | Including Los of Supply, Excluding Major Event Days |  |  |  |  |  | Including Loss of Supply and Major Event Days |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| SAIII | 0.74 | 0.61 | 0.74 | 0.33 | 1.52 | 0.75 | 0.74 | 0.61 | 2.87 | 0.33 | 1.52 | 0.75 | 0.81 | 1.07 | 0.88 | 0.37 | 1.60 | 0.75 | 0.81 | 1.07 | 3.00 | 0.37 | 1.60 | 0.75 |
| SAFI | 0.59 | 0.49 | 0.83 | 0.58 | 1.15 | ${ }^{0.57}$ | 0.59 | 0.49 | 1.69 | 0.58 | 1.15 | 0.57 | 0.72 | 0.78 | 0.97 | 0.83 | 1.67 | 0.57 | 0.72 | 0.78 | 1.83 | 0.83 | 1.67 | 0.57 |



SAID $=$ System Average Interuption Duration Index
SIFI $=$ System Average liternion Frevenenc index
Service Quality

| Indicator | OEB Min Standard | 2016 | 2017 | 2018 | 2019 | 2020 | ${ }^{2021}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Low Votage Connections | 0.9 | 99.60\% | 96.76\% | 96.76\% | 99.88\% | 100.00\% | 100.00\% |
| High Voltage Comnections | 90.0\% | NA | NA | NA | NA | NA | NA |
| Telephone Accessibility | 65.\% | 96.70\% | 96.52\% | 96.52\% | 84.44\% | 73.17\% | 76.20\% |
| Appointments Met | 0.9 | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Writen Response to Enquires | 0.8 | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Emergency Urran Response | 80.\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Emergency Rural Response | 0.8 | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Telephone Call Abandon Rate | 0.1 | 1.60\% | 1.64\% | 1.64\% | 0.68\% | 1.05\% | 0.56\% |
| Appointment Scheduling | 0.9 | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |
| Rescheduling a Missed Appointment | 100.0\% | NA | NA | NA | NA | NA | NA |
| Reconnection Performance Standard | 0.85 | 100.00\% | 100.00\% | 100.00\% | ${ }^{99.32 \%}$ | 100.00\% | 100.00\% |




| USoA\# | USoA Descripition | $\begin{gathered} \hline 2016 \text { Actual }^{2} \\ \hline 2016 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|c} \hline 2017 \text { Actual }^{2} & \\ \hline 2017 & \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 2018 \text { Actual }^{2} \\ \hline 2018 \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 2019 \text { Actual }^{2} \\ \hline 2019 \\ \hline \end{array}$ | $\begin{gathered} \hline 2020 \text { Actual }^{2} \\ \hline 2020 \\ \hline \end{gathered}$ | $\frac{2021 \text { Actual }}{2021}$ | Bridge Year <br> 2022 | Test Year 2023 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reporting Basis |  |  |  |  |  |  |  |  |
| 4082 | Retail Serrices Revenues | 19,449 | 17,422 | ${ }^{15,313}$ | 21.651 | 24.541 |  |  |  |
| $\stackrel{4084}{4086}$ | Service reansaction Requests STIR) Revenues | 104,940 | 102,844 | ${ }_{112,956}$ | ${ }_{117,429}^{1262}$ | ${ }_{1220,24}^{122}$ | ${ }^{123,436}$ | ${ }_{1223}^{123}$ | 125.833 |
| 4090 | Electric Services Incidental to Energy Sales |  |  |  |  |  |  |  |  |
| -4205 | ${ }^{\text {Interdepartmental }}$ Rents | 151.974 | 260.595 | 183.640 | ${ }_{179.053}$ | ${ }^{224.033}$ | 124,101 | 199784 |  |
| 4215 | Other Utility Ooeratating Income |  |  |  |  |  |  |  |  |
| 4220 | Other Electric Revenues |  |  |  |  |  |  |  |  |
| 4225 | Late Payment Charges | 246,978 | 287,540 | 296,551 | 304,211 | 333,754 | 375,100 | 20.869 | \% 226,280 |
| 4230 | Sales of Water and Water Power |  |  |  |  |  | 32937 |  |  |
| 4235 | Miscelianeous Service Revenues | ${ }^{625.491}$ | 494,734 | 543,266 | 390,345 | 301,46 | ${ }^{329,937}$ | 314,675 |  |
| ${ }_{4245}^{424}$ | Coverermment and Other Assistance Directly Credited to Income | 214,162 | 295,202 | 368,974 | 431,291 | 484.446 |  | 619,375 | 688,413 |
| 4305 | Regulatory Debits |  |  |  |  |  | 66,775 |  |  |
| 4310 4315 | Regulatory Credits |  |  |  |  |  |  |  |  |
| 4320 | Expenses of fleletric Plant Leaseded to others |  |  |  |  |  |  |  |  |
| 4325 | Reverues from Merchandise |  |  |  |  |  |  |  |  |
| 4330 | Costs and Expenses of Merchandising |  |  |  |  |  |  |  |  |
| 4335 | Profits and Losses from Financial Instrument Hedges |  |  |  |  |  |  |  |  |
| $\stackrel{4340}{4345}$ | Profits and Losses from Financial Instrument Investments |  |  |  |  |  |  |  |  |
| 4350 | Losses from Dispositition of future Use Utility Plant |  |  |  |  |  |  |  |  |
| 4335 <br> 4357 | Gain on Disposition of Utility and Other Property | ${ }_{\text {4.305 }}$ | 103.951 | 65061 | 26.549 | 114 | ${ }^{72.072}$ |  |  |
| 43350 | Losss-ils |  |  |  |  |  |  |  |  |
| 4362 4365 | Loss from Retirement of Utility and Other Property | 148,481 | 463.209 | 91.026 | ${ }_{73,258}$ | 484,856 | 213,081 | 350,000 | 350.000 |
| 43370 | Losses from Disposisition of Allowanaseses for mimission |  |  |  |  |  |  |  |  |
| 4375 | Revenues from Non Rate-Regulated Utility Operations | 1,306,454 | 1,922,546 | 3,809,452 | 503,434 | 1,120,3 | 473 |  |  |
| 4380 4385 | Expenses of Non Rate-Regulated Utility Operations | 1,300,454 | 1,936,468 | 3,882,013 | 503,434 | 1,120, | 473,478 |  |  |
| 4385 4390 | Non Rate-Regulated Utility Rental Income | 696.592 | 668.233 | 697.169 | 751.650 | 760.809 | 844.205 | 952.247 | 72.522 |
| 4395 | Rate-Payer Benefit l Icluding interest |  |  |  |  |  |  |  |  |
| 4398 405 | Foreign Exchange Gains and Losses, Including Amortization |  |  |  |  |  |  |  |  |
| 44410 | Lessors''s netilivestmenctiome $\begin{aligned} & \text { inance Lease }\end{aligned}$ | 97,74 | 149,348 | 182,493 | 197,472 | 84,388 | 49,812 | 9.000 | 1,000 |
| ${ }_{4415}^{442}$ | Equity y Earning of subsidiary comparies |  |  |  |  |  |  |  |  |
|  | Share of Profit or Loss of Joint venture |  |  |  |  |  |  |  |  |
| Wiscellaneous Service Revenues |  |  | ${ }^{4944734}$ | ${ }_{2436.2661}$ | 30,345 <br> 304211 <br> 0 |  | 329,93 | 314,6 |  |
| Other Operating Revenues |  | 490.875 |  | ${ }_{681.098}$ | ${ }_{7} 7909686$ | 853,502 | 818.0 | ${ }_{966,93}$ |  |
|  |  | 650,133 | 444,55 | 1,381,136 | 899,831 | ${ }_{360,455}$ | 687,233 | 611,247 | 533,522 |
| Other Income or Deductions |  | 2,013,477 | \$ 1,908,346 | s 2,902,051 | s $2,344,073$ | S $1,849,177$ | 2,210,314 | s $2,113,727$ | s $2,201,364$ |


$\frac{\text { Descripion }}{\text { Speedific Senice Charges: }}$


Note: Add all applicable accounts listed above to the table and include all relevant information.
Account Breakdown Details
For each "Other Operating Revenue" and "Other Income or Deductions" Account, a detailed breakcown of the account components is required. See the example below for Account 4405 , Interest and Dividend Income. Tables
for the detailed breakowns will be generated after cell 10101 is filled in.

|  | ${ }^{2016 \text { Actual }}$ | ${ }^{2017}$ Actual $^{2017}$ | ${ }^{2018} \mathrm{ACtual}^{2018}$ | ${ }_{2019}$ Actual $^{2019}$ | ${ }_{\text {2020 Actual }}{ }^{2020}$ | ${ }_{2021}^{2021}$ Actual | $\frac{\text { Bridge } \mathrm{Y} \text { 位 }}{2022}$ | Testrear 2023 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis |  |  |  |  |  |  |  |  |
| Shinterem Investment titerest |  |  |  |  |  |  |  |  |
| Miscellaneous interest Revenue |  |  |  |  |  |  |  |  |
| ett. ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |



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\(\square\)
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## Appendix 2-I

## Load Forecast CDM Adjustment Work Form

Appendix 2-1was intially developed to help determine what would be the amount of CDM savings needed in each year to cumulatively achieve the four year2011-2014 CDM target. This determined the amount of kWh (and wit translation, kW of demand) savings that were converted into doliar balances for the LRAMVA, and also to determine the related adjustment to the load forecast to account for OPA-reported savings. Beginning in the 2015 year, it was adjusted because the persistence of 2011 -2014 CDM programs will be an adjustment to the load forecast in addition to the estimated savings for the first year (2015) for the new 2015-2020 CDM plan. This appendix has been updated for 2022 rate applications to acknowledge that in accordance with the Minister of Energy's March 20 , 2019 Directive to the IESO, the Conservation First Framework (CFF) is no longer in effect. As distributors are no longer working towards the former 2015-2020 CDM targets, for 2019 and 2020 CDM activity, distributors may propose a CDM manual adjustment to the load forecast. If a distributor elects to propose a CDM manual adjustment to the load forecast, only CDM projects that are subject to a contractual agreement entered into between the distributor and a customer by April 30 , 2019 under a former CFF program should be included in the proposed CDM manual adjustment to the load forecast. Distributors should provide relevant documentation to support the CDM manual adjustments 2019 2020 cDM projects, if any, including the corresponding CFF program, project timelines and projected savings.

## 2019-2020 CDM Activities (and beyond, if applicable)

For the first year of the new 2015-2020 CDM plan, for simplicity, it was assumed that each year's program will achieve an equal amount of new CDM savings. This resulted in each year's program being about $1 / 6$ (or $16.67 \%$ ) of the cumulative $2015-2020$ CDM target for kWh savings.

For 2022 rate applications, distributors should ensure that the sum of the results for the 2015 to 2019 program years is consistent with the results provided by the IESO. For the 2020 and 2021 program year (as applicable), distributors that elect to propose a CDM manual adjustment, should only include the projected CDM savings from projects that are subject to contractual agreements between the distributor and customer made on or before April 30 , 2019 under the former CFF.

| Former CFF 6 Year (2015-2020) kWh Target* |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021** | Total for 2022** | Total for 2023** |
| \% |  |  |  |  |  |  |  |  |  |
| 2015 CDM Programs 24.53\% |  |  |  |  |  |  |  |  |  |
| 2016 CDM Programs $\quad 14.92 \%$ |  |  |  |  |  |  |  |  |  |
| 2017 CDM Programs - 28.48\% |  |  |  |  |  |  |  |  |  |
| 2018 CDM Programs |  |  |  |  |  |  |  |  |  |
| 2019 CDM Programs - 9,54\% |  |  |  |  |  |  |  |  |  |
| 2020 CDM Programs |  |  |  |  |  |  |  |  |  |
| Total in Year $100.00 \% \\|^{1}$ |  |  |  |  |  |  |  |  |  |
| kWh |  |  |  |  |  |  |  |  |  |
| 2015 CDM Programs | 13,285,414 | 13,008,976 | 13,008,831 | 13,012,139 | 12,935,649 | 12,912,369 | 12,912,369 | 12,911,982 | 12,853,678 |
| 2016 CDM Programs |  | 7,854,506 | 7,854,506 | 7,854,917 | 7,854,917 | 7,854,917 | 7,831,288 | 7,831,288 | 7,830,939 |
| 2017 CDM Programs |  |  | 16,519,645 | 14,996,029 | 14,995,143 | 14,994,256 | 14,993,696 | 14,850,401 | 14,850,329 |
| 2018 CDM Programs |  |  |  | 11,199,712 | 11,172,411 | 11,145,109 | 11,145,109 | 11,145,109 | 11,050,884 |
| 2019 CDM Programs |  |  |  |  | 4,341,325 | 5,024,070 | 5,024,748 | 5,024,748 | 5,024,748 |
| 2020 CDM Programs |  |  |  |  |  | 715,566 | 844,224 | 844,224 | 844,224 |
| 2021 CDM Programs (if applicable)*** |  |  |  |  |  |  |  |  |  |
| Total in Year | 13,285,414.00 | 20,863,482.00 | 37,382,981.77 | 47,062,797.44 | 51,299,444.26 | 52,646,287.72 | 52,751,433.87 | 52,607,752.15 | 52,454,802.31 |
|  |  |  |  |  |  |  | uts do no match | 015-20 CDM targe |  |

between the LDC and a customer on or before April 30, 2019 under the former CFF.
${ }^{* *}$ If a distributor wishes to include projected savings that persist from former Conservation First programs into the 2022 test year, you may do so. Please provide relevant supporting documentation to show the savings persistence into 2022.
${ }^{* * *}$ If a distributor expects impacts from any CFF-related projects not deployed by April 2019, but for which a distributor is contractually obligated to complete (or for other programs delivered by the distributor after April 2019), a distributor may include thes amounts as part of a CDM manual adjustment to the 2022 load forecast, but must ensure that sufficient supporting evidence is provided in support of all estimated CDM savings.
Note: The default formulae in the above table assume that the 2015-2020 kWh CDM target is achieved through persistence of CDM savings to the end of 2020. Distributors should rely on the Participant and Cost monthly reports provided by the IESO for 2018 and 2019 CDM savings.

## Determination of 2023 Load Forecast Adjustment

The OEB determined that the "net" number should be used in its Decision and Order with respect to Centre Wellington Hydro Ltd.'s 2013 Cost of Service rates (EB-2012-0113). This approach has also been used in Settlement Agreements accepted by the OEB in othe 2013 and 2014 applications. The distributor should select whether the adjustment is done on a "net" or "gross" basis, but must support a proposal for the adjustment being done on a "gross" basis. Sheet 2 -I defaults to the adjustment being done on a "net" basis consistent with OEB policy and practice.

From each of the 2006-2010 CDM Final Report, and the 2011 to 2017 CDM Final Reports, issued by the OPA/IESO for the distributor, the distributor should input the "gross" and "net" results of the cumulative CDM savings for 2019 into cells C57 to C66 and D57 to D66. The model will calculate the cumulative savings for all programs from 2006 to 2019 and determine the "net" to "gross" factor "g".

| Is CDM adjustment being done on a "net" or "gross" basis? |  |  |  |
| :--- | :---: | :---: | :---: | :---: |

The default values below represent the factor used for how each year's CDM program is factored into the manual CDM adjustment. Distributors can choose alternative weights of " 0 ", " 0.5 " or " 1 " from the drop-down menu for each cell, but must support its alternatives.

These factors do not mean that CDM programs are excluded, but the assumption that impacts of previous year CDM programs are already implicitly reflected in the actual data for historical years that are used to derive the load forecast prior to any manual CDM adjustment for the 2022 test year.

| Weight Factor for each year's CDM program impact on 2022 load forecast <br> Default Value selection rationale. | 2015 | 2016 | 2017 | 2018* | 2019** | 2020** | 2021*** | 2022*** |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | Distributor can select <br> "0", "0.5", or "1" <br> from drop-down list |
|  | Full year impact of 2015 CDM is assumed to be reflected in the base forecast, as the full year persistence of 2015 CDM programs is in the 2018 historical actual data. No further impact is necessary for the manual adjustment to the load forecast. | Full year impact of 2016 CDM is assumed to be reflected in the base forecast, as the full year persistence of 2016 CDM programs is in the 2018 historical actual data. No further impact is necessary for the manual adjustment to the load forecast. | Full year impact of 2017 CDM is assumed to be reflected in the base forecast, as the full year persistence of 2017 CDM programs is in the 2018 historical actual data. No further impact is necessary for the manual adjustment to the load forecast. | Default is 0 . Full year impact of 2018 CDM is assumed to be reflected in the base forecast. | Default is 0 . Full year impact of 2019 CDM <br> is assumed to be reflected in the base forecast. Adjust based on distributor's circumstance | Default is 0.5 . Adjust based on distributor's circumstance | Default is 1. Adjust based on distributor's circumstance |  |  |

* For 2018 CDM programs distributors should rely on the results made available by the IESO in the Participant and Cost monthly reports
** For 2019 and 2020 CDM program activity, the distributor should include only those projected CDM savings from projects that it has contractual obligations with a customer under the former CFF.
This may include the persistence of any remaining CDM projects that the distributor is contractually obligated to complete under the former CFF, as applicable. If this includes CDM activity that is beyond the CFF framework or other programs, please file projectlevel supporting documentation in accordance with section 2.3.1.3 of Chapter 2 Filing Requirements to support the breakdown of your proposal.


## 2022 LRAMVA and 2022 CDM adjustment to Load Forecast

One manual adjustment for CDM impacts to the 2022 load forecast is made. There is a different but related threshold amount that is used for the 2022 LRAMVA amount for Account 1568.
The amount used for the CDM threshold and the LRAMVA is the kWh that will be used to determine the base amount for the LRAMVA balance for 2022. This allows for a comparison between projected CDM savings and actual CDM savings.

If used to determine the manual CDM adjustment for the system purchased kWh, the proposed loss factor should correspond with the proposed total loss factor calculated in Appendix 2-R .

The Manual Adjustment for the 2022 Load Forecast is the amount manually subtracted from the system-wide load forecast (either based on a purchased or billed basis) derived from the base forecast from historical data. If the distributor has developed their load forecast on a system purchased basis, then the manual adjustment should be on a system purchased basis, including the adjustment for losses. If the load forecast has been developed on a billed basis, either on a system basis or on a class-specific basis, the manual adjustment should be on a billed basis, excluding losses.

The distributor should determine the allocation of the savings to all customer classes in a reasonable manner (e.g. taking into account what programs and what IESO-measured impacts were directed at specific customer classes), for both the LRAMVA and for the load forecast adjustment.

|  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Total for 2023 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount used for CDM threshold for LRAMVA (2022) | 12,912,369.00 | 7,831,288.00 | 14,993,696.02 | 11,145,108.83 | 5,024,747.91 | 844,224.11 | - | 39,839,064.87 |
|  |  |  |  |  |  |  |  |  |
| Manual Adjustment for 2022 Load Forecast (billed basis) |  |  |  |  | - | - | - |  |
| Manual Adjustment for 2022 LDC-only CDM programs (billed basis) |  |  |  |  |  |  |  |  |
| Total Manual Forecast to Load Forecast |  |  |  |  |  |  | - |  |
|  |  |  |  |  |  |  |  |  |
| Proposed Loss Factor (TLF) <br> Manual Adjustment for 2022 Load Forecast <br> (system purchased basis) |  | Format: X.XX\% | - | - | - | - | - | - |

Manual adjustment uses "gross" versus "net" (i.e. numbers multiplied by $(1+g)$. The Weight factor is also used to calculate the impact of each year's program on the CDM adjustment to the 2022 load forecast.

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## Appendix 2-IA

## Instructions on Customer, Connections, Load Forecast and Revenues Data and Analysis

This sheet requires no inputs, but serves as a summary of the hiostorical and forecasted data to be provided with respect to:

1) Customers and connections
2) Consumption (kWh)
3) Demand (kW or kCA) for applicable demand-billed customer classes
4) Revenues

The spreadsheet summarizes the data provided and the analyses (variance or year-over-year) that are required. Data are required to be provided on a customer class level. Consumption (kWh) must also be provided on a total distribution system level.

Appendix 2-IB (formerly 2-IA) is the appendix spreadsheet that the distributor populates, and the spreadsheet is laid out for inputting the necessary data. The spreadsheet also calculates necessary statistics such as average consumption per customer/connection per year, and variances and \% annual changes, as necessary.

The distributor is required to provide suitable documentation in Exhibit 3 of its Application, in accordance with section 2.3.2 of Chaoter 2 of the Filing Requirements. This would include explanations for material variations or of trends in the data

The distributor is also required to input its test year customer/connection and load forecast in Sheet 10 - Load Forecast of the Revenue Requirement Work Form. This sheet should also be updated to reflect changes in the load forecast made through the stages of processing of the rates application.

The applicant must demonstrate the historical accuracy of its load forecast approach for at least the past 5 years. Such analysis will cover both customer/connections and consumption (kWh) and demand (kW or kVA) by providing the following, as shown in the following table


Notes:
${ }^{(1)}$ "Weather-normalized actuals" are estimated by replacing the actual weather-related values (typically Heating Degree Days (HDD) and Cooling Degree Days (CDD)) by the "typical" or "weather-normalized" values. These "weather-normalized HDD and CDD values would be the same as used to estimate the Bridge Year and Test Year forecasts.
${ }^{(2)}$ For 2023 Cost of Service rebasers, the typical situation is that 2019 would have been the most recent cost of service rebasing application. If the most recent rebasing application was for a rate year other than 2019, that year should be used. An applicant must provide historical information back to the greater of: a) at least five (5) historical actual years; or b) to its last cost of service application.
${ }^{(3)}$ Consumption must be provided on a total distribution system basis as well as at a customer class level.
(4) Revenues exclude commodity charges.

Customer, Connections, Load Forecast and Revenues Data and Analysis


| Customer Class | Residenial |  |  |  |  | customer |  |  |  |  | WWh |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\lvert\, \begin{gathered} \text { Calendar Year } \\ \text { (for } 2023 \text { Cost of } \\ \text { Service } \end{gathered}\right.$ | custome |  |  |  | Consumption (KWh) ${ }^{(1)}$ |  |  |  |  | Consumption (kWWh) per Customer |  |  |  |
|  |  |  |  |  |  |  | $\begin{gathered} \text { Actual (Weather } \\ \text { actual) } \end{gathered}$ | Weather- <br> ormalize |  | Weathernormalized |  | $\begin{aligned} & \text { Actual } \\ & \text { (Weather } \end{aligned}$ | Weather- <br> normalized | Weather- |
| Historical | ${ }_{2016}^{2016}$ | Actual | ${ }^{33,533}$ | OEB-appoved | ${ }^{3,533}$ | Actual | ${ }^{310,7490016}$ | ${ }^{302766,883}$ | OEB-appoved | ${ }^{302,76,882.9}$ | Actual | ${ }^{9,287}$ | 9,029 OEB-appoved | ${ }^{9,028.95}$ |
| ${ }_{\substack{\text { Historical } \\ \text { Historical }}}^{\text {a }}$ | ${ }_{2018}^{2017}$ | ${ }_{\text {Actual }}^{\text {Actual }}$ | ${ }_{\substack{34,343 \\ 35.796}}$ |  |  | ${ }_{\text {Actual }}^{\text {Actual }}$ |  |  | \% |  | Actual Actual |  | ${ }_{\substack{8,7215 \\ 8.821}}$ |  |
| Historical | 2019 | Actual | 37,01 |  |  | Actual | 316,413,176 | 319,241,236 | 0 |  | Actual | ${ }_{8,551}$ | ${ }_{8,628}$ |  |
| Historical | ${ }_{2020}^{2020}$ | Actual | 37,706 |  |  | Actua |  | 350,003,347 | 0 |  | Actual | ${ }^{9,333}$ | ${ }^{9,282}$ |  |
|  | ${ }_{2021}^{2021}$ | $\xrightarrow{\text { Actual }}$ foreast |  |  |  |  | 35,143,537 |  | 0 |  | ${ }_{\text {Actual }}$ | 9,344 | 9,996 |  |
|  | (2023 |  | (e,39,02 <br> 40.505 |  |  |  |  |  | $\bigcirc$ |  |  |  |  |  |
| Variance Analysis | Year | Yearoveryar |  | $\underset{\substack{\text { Test raar Vorsus } \\ \text { OEB-aporoved }}}{ }$ |  | Year | Year-overyear |  | Test Year Versus <br> OEB-approved |  | Year | Yearover-year |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{2017}^{2016}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{2018}^{2018}$ |  |  |  |  | ${ }^{2017}$ |  |  |  |  | ${ }_{\substack{2017 \\ 2018 \\ 2019}}^{2}$ |  |  |  |
|  | 2019 2020 |  | - |  |  | 2019 |  | ${ }_{\text {l }}^{\text {1.6\% }}$ |  |  | ${ }_{2019}^{2020}$ | ${ }_{\substack{\text {-.7.7\% } \\ 9.7}}^{\text {a }}$ | - $7.2 .8 \%$ |  |
|  | ${ }_{2022}^{2022}$ |  | ${ }^{1.7 \% \%}$ |  |  | ${ }^{2021}$ | 1.2\% | 4.0\%\% |  |  | ${ }_{2022}^{2022}$ | -0.4\% | ${ }^{2.3 \% \%}$ |  |
|  | ${ }_{2023}^{2022}$ |  |  |  | 20.8\% | (2022 |  | -7.7\% |  | 13.6\% | ${ }_{2023}^{2022}$ |  |  | 6.0\% |
|  | Goometicic Mean |  | 3.2\% |  |  | $\underbrace{}_{\substack{\text { Geomentic } \\ \text { Mean }}}$ | 3.6\% | 2.1\% |  |  |  | 0.2\% | -1.0\% |  |



|  | Calendar Year | Customers |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\text { (for } 2023 \text { Cost of }$ |  |  |  |  |
| $\substack{\text { Historical } \\ \text { Hisorical }}$ | ${ }_{2017}^{2016}$ | Actual Actual | $\underset{\substack{2.603 \\ 2.646}}{\text { a }}$ | ${ }^{\text {OEB－appoved }}$ | 2,603 |
| Historical | 2018 | Actual | 2.686 |  |  |
| Historical | 2019 <br> 2020 <br> 202 | Actual Acual | 2， 2.692 |  |  |
| Historical | ${ }_{2021}$ | Actual | 2，852 |  |  |
|  | ${ }_{2}^{2022} 2020$ | $\xrightarrow[\substack{\text { Forecesst } \\ \text { Foreast }}]{\text { ata }}$ | 2．995 |  |  |


| Consumption（KWh）${ }^{(0)}$ |  |  |  |  | Consumption（kWW）per C Customer |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Actual (Weather } \\ \text { actual) } \end{gathered}$ | Weather－ |  | Weather－ normalized |  | Actual （Weathe | Weather－ | － | Weather－ normalized |
| Actual | ${ }^{88,749,928}$ | 87，296，130 | OEB apporved | 87，296，130．14 | Actual | ${ }^{34,096}$ | ${ }^{33,538}$ | OEB－appoie | ${ }^{33537.81212}$ |
| Actual | ${ }_{\text {82，}}^{82909772}$ | ${ }_{\text {85，}}^{8.8878 .201}$ | $\bigcirc$ |  | Actual |  |  |  |  |
| Actual | ${ }_{\substack{8,3008,651}}^{\text {8i，0，7 }}$ | 83，77．248 | $\bigcirc$ |  | Actual | cince |  |  |  |
| Actual | 79，694，765 | 79，103，339 | 0 |  | Actual | ${ }^{29,247}$ | ${ }^{29,930}$ |  |  |
|  | 83，61，662 | ${ }^{88,251,729}$ | $\bigcirc$ |  | Atual | 29，316 | ${ }^{29,188}$ |  |  |
| $\xrightarrow[\substack{\text { Forocast } \\ \text { Foreast }}]{ }$ |  |  | $\bigcirc$ |  | $\underbrace{\text { ater }}_{\substack{\text { Forocast } \\ \text { Forocast }}}$ |  |  |  |  |


| $\checkmark$ Variance Analysis | Year | Yearover．year | $\begin{aligned} & \text { Test Year Versus } \\ & \text { OEB-approved } \end{aligned}$ | Year | Year－overyear |  | Test Year Versus OEB－approved | Year | Year－overyear |  | $\begin{gathered} \text { Test Year } \\ \text { Versus OEB- } \\ \text { approved } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }_{2017}^{2016}$ | 1．7\％ |  | ${ }_{2017}^{2016}$ | －6．6\％ | －1．9\％ |  | ${ }_{2017}^{2016}$ | －8．1\％ | －3．5\％ |  |
|  | ${ }_{2018}^{2019}$ |  |  | 永2018 | 3．39\％ |  |  | ${ }_{\substack{2018 \\ 2019}}$ | 2．3．3\％ | － |  |
|  |  | 隹 |  | 边2099 | － |  |  | $\substack{2019 \\ 2020 \\ 2020}$ | － | － |  |
|  | ${ }_{2022}^{2021}$ | ${ }^{4.8 \%}$ |  | 2022 <br> 2022 <br> 20 | 4．9\％ | ${ }_{\text {7．4\％}}^{5.2 \%}$ |  | ${ }_{2022}^{2021}$ | 0．2\％ | ${ }_{\text {c．}}^{\text {0．5\％\％}}$ |  |
|  | 2023 | 1．8\％ | 13．6\％ | 2023 |  | 1．7\％ | 4．3\％ | 2023 |  | －0．1\％ | 8.8 |
|  | Geometric Mean | 2．2\％ |  |  | －1．5\％ | 0．7\％ |  | $\underset{\substack{\text { Geomentic } \\ \text { Mean }}}{\text { a }}$ | －3．7\％ | －1．4\％ |  |


|  | $\begin{array}{\|c\|} \hline \text { Calendar Year } \\ \text { (for 2023 Cost of } \\ \text { Service } \end{array}$ | Reverues |  |  |  |  | $\begin{array}{cc}\text { Actual（Weather } & \text { Weather－} \\ \text { actual）} & \text { normalized }\end{array}$ | Weather normalized |  | $\pm \substack{\text { Actual } \\ \text {（Weate } \\ \text { artual }}$ | Weather－ normalized | $\underbrace{\substack{\text { a }}}_{\substack{\text { Weather．} \\ \text { nomaizod }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Historical | ${ }_{2016}^{2017}$ | Actual | ${ }^{1.356,845}$ | OEB－appoved | \＄1，35，845 |  |  |  |  |  |  |  |
| （Historical | ${ }_{2018}^{2017}$ | Actual |  |  |  | Actual Acual |  |  | Actual |  |  |  |
| Historical | 2019 <br> 2020 <br> 2020 | Actaal | coick |  |  | Acuual |  |  | Actual |  |  |  |
| ｜lisistical | ${ }_{2022}^{2020}$ | Actual |  |  |  | Actual |  |  | Actual |  |  |  |
| $\underset{\substack{\text { Froreasat）} \\ \text { Trest raer Forecast）}}}{ }$ | 2022 2023 | $\xrightarrow[\substack{\text { Ferecesst } \\ \text { FForeast }}]{\substack{\text { ate }}}$ |  |  |  |  |  |  | Froreast <br> Foreast |  |  |  |
| Variance Analysis | Year | Year－overyear |  |  |  | Year | Yearoveryear |  | Year |  |  |  |
|  |  |  |  |  | Test Year Versus OEB－approved |  |  | Test Year Versus OEB－approved |  | Year－overyear |  | Versus OEB- |
|  |  |  |  |  | 91．72\％ |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | $\begin{array}{\|l} \hline \text { Calendar Year } \\ \text { (for } 2023 \text { Cost of } \\ \text { Service } \end{array}$ | Reverues |  |  |  |  | $\begin{array}{cc}\text { Actual (Weather } & \text { Weather- } \\ \text { actual) } & \text { normalized }\end{array}$ | Weather normalized |  |  | Weather. | $\underbrace{\substack{\text { a }}}_{\substack{\text { Weather. } \\ \text { nomaizod }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Historical | ${ }_{2016}^{2017}$ |  |  | OEB-appoved | \$1,38,9,978 |  |  |  |  |  |  |  |
| (Historical | ${ }_{2018}^{2017}$ | Actual |  |  |  | Actual |  |  | Actual |  |  |  |
| Historical | ${ }_{2019}^{2029}$ | Actual | ${ }^{2,177,648}$ |  |  | Actual |  |  | Actual |  |  |  |
| \|lisistical | ${ }_{2022}^{2020}$ | Actual |  |  |  | ACual |  |  | Actual |  |  |  |
|  | 2022 2023 | $\xrightarrow[\substack{\text { Forecest } \\ \text { Foreast }}]{\substack{\text { ata }}}$ |  |  |  |  |  |  | Froreast <br> Foreast |  |  |  |
|  | Year | Yearoveryear |  |  | Test Year VersusOEB-approved | Year | Year-overyear |  | Year |  |  |  |
| Variance Analysis |  |  |  |  |  |  |  | Test Year Versus OEB-approved |  | Year-overyear |  | Versus OEB- |
|  | $\begin{aligned} & \hline 2016 \\ & 2017 \\ & 2018 \\ & 2090 \\ & 2020 \\ & 2021 \\ & 2022 \\ & 2023 \\ & \text { Geometic Mean } \end{aligned}$ |  |  |  | 112.22\% |  |  |  | $\begin{aligned} & 2017 \\ & 2018 \\ & 2019 \\ & 2020 \\ & 2021 \\ & 2022 \\ & 2023 \\ & \text { Geometric } \end{aligned}$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | $\begin{array}{\|c\|} \hline \text { Calendar Year } \\ \text { (for } 2023 \text { Cost of } \\ \text { Service } \end{array}$ | Revenues |  |  |  |  | Actual (Weather Weather- <br> actual) normalized | Weather <br> normalized |  |  | Weather- | Weather- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\substack{\text { Historical } \\ \text { Hisorical }}}{ }$ | ${ }_{2017}^{2016}$ | Actual | 448,719 708902 | OEB-appoved | ${ }_{5448,719}$ |  |  |  |  |  |  |  |
| (Historical | ${ }_{2018}^{2018}$ | $\pm$Actual <br> Actual | ${ }^{7803,935}$ |  |  | Actual |  |  | $\xrightarrow{\text { Actual }}$ Actual |  |  |  |
| Historical | 2019 2020 | Actual Actual ate | ${ }_{7}^{7531,497}$ |  |  | Actual |  |  | ${ }_{\text {Actual }}^{\text {Actual }}$ |  |  |  |
| $\substack{\text { lisiotical } \\ \text { (forecast }}$ | 2021 2022 2022 | ( $\begin{aligned} & \text { Actual } \\ & \text { freceast }\end{aligned}$ |  |  |  | Actual Actue Foreast |  |  |  |  |  |  |
|  | ${ }_{2023}^{2022}$ |  |  |  |  |  |  |  | $\pm$ |  |  |  |
| Variance Analysis | Year | Yearoveryear |  |  | Test Year VersusOEB-approved | Year | Year-overyear | Test Year Versus OEB-approved | Year | Year-over.year |  | $\begin{aligned} & \text { Test Year } \\ & \text { Versus OEB- } \\ & \text { approved } \\ & \hline \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & \hline 2016 \\ & 2007 \\ & 2017 \\ & 2019 \\ & 2020 \\ & 2021 \\ & 2022 \\ & 2023 \\ & \text { coometic Mean } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | $\begin{array}{\|c\|} \hline \text { Calendar Year } \\ \text { (for } 2023 \text { Cost of } \\ \text { Service } \end{array}$ | Revenus |  |  |  |  | $\begin{array}{cc}\text { Actual (Weather } & \text { Weather- } \\ \text { actual) } & \text { normalized }\end{array}$ | Weather |  |  | Weather- <br> normalized | Weather. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Historical | 2016 | Actual | ${ }^{312,470}$ | OEB-appoved | 5312,470 |  |  |  |  |  |  |  |
|  | ${ }_{2017}^{2018}$ | Actual | ${ }_{4}^{480,062}$ |  |  | Actual |  |  | Actual <br> Actual |  |  |  |
| Historical | $\underset{ }{2019}$ | Actual |  |  |  | Actual |  |  | Actual |  |  |  |
| ¢ | 2020 2022 2022 | Actual |  |  |  | Actual |  |  | ${ }^{\text {Actual }}$ |  |  |  |
|  | 2023 | $\xrightarrow[\substack{\text { Forecast } \\ \text { Foreast }}]{\text { cose }}$ | ( $\begin{gathered}544.240 \\ 592.299\end{gathered}$ |  |  | Erecast |  |  | ${ }_{\substack{\text { Forecast } \\ \text { Foreast }}}^{\substack{\text { ate }}}$ |  |  |  |
| Varince Analysis | Year | Year-over-year |  |  |  | Year | Year-over.yar | Test Year Versus OEB-approved | Year | Year-vor-yaar |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{2017}^{2016}$ |  |  |  | 89.55\% |  |  |  | 2017 <br> 2018 <br> 2020 <br> 2021 <br> 2023 <br> Jeometric Mean |  |  |  |
|  | ${ }_{\substack{2017 \\ 2018}}^{2019}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2019 2020 |  | ${ }_{\text {- }}^{\text {5. } 2.1 \% \%}$ |  |  |  |  |  |  |  |  |  |  |  |
|  | 2021 2022 2022 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{2023}^{2022}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Geometic Mean |  | 11.2\% |  |  |  |  |  |  |  |  |  |  |  |




|  | $\begin{array}{\|c\|} \hline \text { Calendar Year } \\ \text { (for } 2023 \text { Cost of } \\ \text { Service } \end{array}$ |  Revenues <br>   |  |  |  |  | $\begin{array}{cc}\text { Actual (Weather } & \text { Weather- } \\ \text { actual) } & \text { normalized }\end{array}$ | Weather <br> normalized |  |  | Weathernormalized | Weather- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\substack{\text { Historical } \\ \text { Hisorical }}}{ }$ | ${ }_{2017}^{2016}$ | Actual Actual | ${ }_{\substack{4.899 \\ 8.651}}$ | ${ }^{\text {OEBappoved }}$ | \$4,899 |  |  |  |  |  |  |  |
| (itisorical | ${ }_{2018}^{2018}$ | Actual | ${ }_{\substack{8.651 \\ 10,714}}^{\text {a }}$ |  |  | Actual |  |  | $\xrightarrow{\text { Actual }}$ Actual |  |  |  |
| Historical | 2019 2020 | Actual | (1, 11.276 |  |  | Actual |  |  | ${ }_{\text {Actual }}^{\text {Actual }}$ |  |  |  |
| $\substack{\text { lisiotical } \\ \text { (forecast }}$ | 2021 2022 2022 |  |  |  |  | Actual Actue Foreast |  |  | ${ }_{\text {A }}$ |  |  |  |
|  | ${ }_{2023}^{2022}$ | $\xrightarrow[\substack{\text { Forecest } \\ \text { Foreast }}]{\text { cest }}$ | (11,922 |  |  |  |  |  | $\pm$ |  |  |  |
| $\checkmark$ Varince Analysis | Year | Yearoveryear |  |  | Test Year VersusOEB-approved | Year | Year-overyear | Test Year Versus OEB-approved | Year | Year-over.year |  | $\begin{aligned} & \text { Test Year } \\ & \text { Versus OEB- } \\ & \text { approved } \\ & \hline \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & \hline 2016 \\ & 2007 \\ & 2017 \\ & 2019 \\ & 2020 \\ & 2021 \\ & 2022 \\ & 2023 \\ & \text { coometic Mean } \end{aligned}$ |  |  |  | 536.06\% |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Appendix 2-JA
ummary of Recoverable OM\&A Expense



Note:

Jenical to tore recoveralel o oMA that is stown tor the coressonding periods on Appendix 2 .JB




| File Number: | EB-2022-0049 |
| :--- | ---: |
| Exhibit: | 4 |
| Tab: |  |
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Appendix 2-JB
Recoverable OM\&A Cost Driver Table ${ }^{1,3}$

| OM\&A | Last Rebasing Year (2016 Actuals) |  | 2017 Actuals |  | 2018 Actuals |  | 2019 Actuals |  | 2020 Actuals |  | 2021 Actuals |  | 2022 Bridge Year |  | 2023 Test Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Opening Balance ${ }^{2}$ | \$ | 9,572,448 | \$ | 9,653,596 | \$ | 8,941,246 | \$ | 9,488,240 | \$ | 10,081,958 | \$ | 10,576,707 | \$ | 12,109,938 | \$ | 12,854,668 |
| Wages, Salaries, Progressions and Bene | \$ | 235 | -\$ | 214,804 | \$ | 92,868 | \$ | 78,236 | \$ | 489,828 | \$ | 707,591 | \$ | 1,488,054 | \$ | 805,409 |
| Incentive Plan \& Director Remuneration | \$ | 63,216 | -\$ | 10,803 | \$ | 11,454 | \$ | 80,587 | \$ | 16,803 | \$ | 119,404 | - | 415,708 | \$ | 1,645 |
| Management Fee | -\$ | 18,520 | \$ | 1,353 | \$ | 2,399 | \$ | 91,790 | - | 14,943 | - | 15,726 | \$ | 37,243 | \$ | 1,861 |
| Customer Focus Drivers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bad Debts | -\$ | 47,356 | \$ | 23,602 | \$ | 30,324 | \$ | 33,952 | \$ | 35,447 | \$ | 62,769 | \$ | 45,932 | \$ | 5,576 |
| Collections | -\$ | 33,176 | -\$ | 11,980 | -\$ | 39,491 | \$ | 12,969 | \$ | 29,557 | \$ | 2,732 | \$ | 302 | \$ | 58,823 |
| Community Relations | -\$ | 10,641 | \$ | 5,414 | -\$ | 3,974 | - | 470 | \$ | 7,850 | \$ | 9,406 | \$ | 86,006 | \$ | 21,737 |
| Conventions/Meetings | -\$ | 8,263 | -\$ | 12,122 | \$ | 7,534 | \$ | 1,565 | \$ | 15,482 | \$ | 64,583 | \$ | 43,977 | \$ | 5,362 |
| Customer Premise Maintenance | -\$ | 11,779 | -\$ | 4,823 | \$ | 62,873 | \$ | 16,741 | \$ | 15,809 | \$ | 46,698 | \$ | 32,123 | \$ |  |
| Meter Reading | \$ | 9,002 | - | 11,824 | \$ | 7,835 | \$ | 6,488 | \$ | 6,187 | \$ | 12,082 | \$ | 7,259 | \$ | 720 |
| Monthly Billing | -\$ | 20,352 | \$ | 1,101 | -\$ | 41,745 | - | 9,713 | - | 4,783 | \$ | 8,994 | \$ | 50,756 | \$ | 4,954 |
| Postage/ Mail Service/ Stationary | -\$ | 29,522 | -\$ | 4,170 | \$ | 3,453 | - | 2,598 | \$ | 42,229 | - | 98,671 | \$ | 44,246 | \$ | 3,811 |
| Service Locates | -\$ | 21,800 | \$ | 16,319 | -\$ | 1,489 | \$ | 10,172 | \$ | 44,261 | \$ | 40,510 | \$ | 57,779 | \$ | 6,558 |
| Telephone | \$ | 25,658 | \$ | 6,313 | \$ | 16,006 | \$ | 8,284 | \$ | 2,039 | \$ | 17,397 | \$ | 12,771 | \$ | 18,377 |
| Training | \$ | 29,933 | -\$ | 127 | \$ | 41,379 | \$ | 23,220 | \$ | 24,040 | \$ | 71,928 | \$ | 50,151 | \$ | 6,246 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operational Effectiveness Drivers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Audit/ Legal/ Insurance | \$ | 10,080 | -\$ | 54,872 | \$ | 50,693 | \$ | 5,511 | \$ | 44,901 | - | 2,033 | \$ | 807 | \$ | 2,888 |
| Bank Charges | -\$ | 4,457 | -\$ | 429 | \$ | 1,470 | \$ | 709 | \$ | 432 | \$ | 6,461 | \$ | 56,246 | \$ | 1,350 |
| Building Maintenance/taxes | -\$ | 25,174 | \$ | 12,834 | \$ | 84,606 | - | 10,702 | \$ | 16,642 | \$ | 64,925 | \$ | 4,663 | \$ | 38,430 |
| Computer Services/Software Maintenand | -\$ | 149,404 | \$ | 119,472 | \$ | 36,462 | \$ | 32,292 | \$ | 53,090 | \$ | 94,275 | \$ | 57,229 | \$ | 102,359 |
| Consulting | \$ | 65,341 | -\$ | 13,220 | \$ | 37,871 | \$ | 121,495 | - | 31,230 | \$ | 383,638 | - | 429,438 | \$ | 65,016 |
| Control Room | -\$ | 43,954 | \$ | 60,904 | -\$ | 46,950 | \$ | 6,425 | \$ | 39,625 | \$ | 28,509 | \$ | 33,941 | \$ | 908,797 |
| Maintenance of Line Transformers | -\$ | 13,768 | \$ | 20,722 | \$ | 16,710 | \$ | 42,166 | - | 76,118 | \$ | 30,642 | \$ | 21,924 | \$ | 576 |
| Maintenance of OH \& UG conductors | \$ | 26,531 | -\$ | 9,035 | \$ | 23,272 | \$ | 78,352 | - | 10,701 | - | 31,950 | \$ | 25,403 | \$ | 2,256 |
| Meter Maintenance | -\$ | 22,013 | -\$ | 33,961 | \$ | 31,068 | - | 9,010 | - | 34,377 | \$ | 35,749 | \$ | 39,542 | \$ | 764 |
| Moving Expenses | \$ | 20,946 | -\$ | 20,946 | \$ |  | \$ | - | \$ |  | \$ |  | \$ | - | \$ |  |
| Pole Maintenance | \$ | 246,961 | -\$ | 259,219 | S | 57,565 | -\$ | 38,288 | - | 22,090 | \$ | 3,204 | \$ | 16,867 | \$ | 1,350 |
| Stores / Inventory Adjustments | S | 115,160 | - | 134,649 | \$ | 10,974 | \$ | 39,967 | - | 79,242 | \$ | 142,812 | \$ | 85,903 | \$ | 2,433 |
| Transformer Station Maintenance | \$ | 5,913 | \$ | 17,176 | -\$ | 15,083 | - | 6,441 | \$ | 49,089 | \$ | 143,949 | - | 158,063 | \$ | 676 |
| Tree Trimming | -\$ | 198,492 | \$ | 3,625 | \$ | 126,419 | \$ | 54,007 | \$ | 141,193 | - | 258,029 | \$ | 154,490 | \$ | 5,250 |
| Miscellaneous | \$ | 10,303 | \$ | 35,616 | -\$ | 44,873 | \$ | 42,456 | \$ | 5,112 | \$ | 186,792 | -\$ | 161,297 | \$ | 4,041 |
| Public Policy Drivers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Regulatory Costs | \$ | 110,540 | -\$ | 239,817 | -\$ | 7,839 | \$ | 7,676 | \$ | 6,227 | \$ | 39,818 | - | 31,784 | \$ | 238,356 |
| Closing Balance ${ }^{2}$ | S | 9,653,596 | \$ | 8,941,246 | \$ | 9,488,240 | \$ | 10,081,958 | \$ | 10,576,707 | \$ | 12,109,938 | \$ | 12,854,668 | \$ | 15,133,537 |

Notes:
1 For each year, a detailed explanation for each cost driver and associated amount is requied in Exhibit 4 .
2 Opening Balance for "Last Rebasing Year" (cell B15) should be equal to the OEB-Approved amount. For purposes of assessing incremental cost drivers, the closing balance for each year becomes the opening balance for the next year
3 If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to og back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual
information is required.


Appendix 2-JC OM\&A Programs Table

| Programs | Last Rebasing Year (2016 OEB Approved) | Last Rebasing Year (2016 Actuals) | 2017 Actuals | 2018 Actuals | 2019 Actuals | 2020 Actuals | 2021 Actuals | 2022 Bridge Year | 2023 Test Year | Variance (Test Year vs. 2021 Actuals) | Variance <br> (Test Year vs. <br> Last Rebasing <br> Year (2016 <br> OEB- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS |
| Operations |  |  |  |  |  |  |  |  |  |  |  |
| Underground Locates | 380,000 | 358,200 | 378,024 | 373,373 | 383,562 | 338,981 | 379,451 | 437,230 | 443,788 | 64,338 | 63,788 |
| Transformer Station | 48,528 | 42,097 | 59,666 | 37,960 | 42,166 | 93,846 | 302,383 | 74,681 | 75,536 | -226,847 | 27,008 |
| Engineering Administration | 758,285 | 820,851 | 634,983 | 682,566 | 744,927 | 730,575 | 792,439 | 959,438 | 979,899 | 187,460 | 221,613 |
| Stores Administration | 260,418 | 368,816 | 235,779 | 241,891 | 295,126 | 262,309 | 458,839 | 332,446 | 409,692 | -49,147 | 149,274 |
| Control Room Services | 168,600 | 124,646 | 185,550 | 138,600 | 145,025 | 184,650 | 213,159 | 247,100 | 1,155,897 | 942,738 | 987,297 |
| Customer Premise | 258,653 | 271,661 | 302,193 | 382,742 | 359,653 | 418,959 | 513,419 | 400,418 | 576,600 | 63,181 | 317,947 |
| Sub-Total | 1,874,484 | 1,986,272 | 1,796,194 | 1,857,132 | 1,970,458 | 2,029,321 | 2,659,690 | 2,451,314 | 3,641,413 | 981,723 | 1,766,929 |
| Maintenance |  |  |  |  |  |  |  |  |  |  |  |
| Meter Maintenance | 392,437 | 437,655 | 369,993 | 412,303 | 389,427 | 396,814 | 445,148 | 399,934 | 407,808 | -37,340 | 15,371 |
| Overhead Lines | 266,754 | 303,099 | 297,263 | 349,235 | 440,735 | 378,090 | 591,491 | 379,311 | 314,936 | -276,555 | 48,182 |
| Pole Maintenance | 177,726 | 473,535 | 161,499 | 389,879 | 333,646 | 157,965 | 273,722 | 157,495 | 142,644 | -131,078 | -35,082 |
| Maintenance of Line Transformers | 225,972 | 150,213 | 176,479 | 178,194 | 278,315 | 161,041 | 209,203 | 215,682 | 183,345 | -25,858 | -42,627 |
| Underground Lines | 39,714 | 118,052 | 148,734 | 67,439 | 103,220 | 121,306 | 170,264 | 143,081 | 129,133 | -41,130 | 89,419 |
| Tree Trimming | 445,522 | 245,358 | 259,508 | 373,691 | 325,314 | 473,379 | 213,394 | 381,227 | 378,981 | 165,587 | -66,541 |
| Sub-Total | 1,548,125 | 1,727,913 | 1,413,476 | 1,770,741 | 1,870,657 | 1,688,594 | 1,903,222 | 1,676,731 | 1,556,847 | -346,374 | 8,722 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Customer Service |  |  |  |  |  |  |  |  |  |  |  |
| Meter Reading | 131,100 | 161,517 | 150,027 | 133,303 | 110,791 | 154,100 | 120,183 | 189,958 | 193,319 | 73,136 | 62,219 |
| Billing | 947,646 | 897,098 | 969,237 | 897,603 | 860,954 | 953,020 | 879,801 | 1,034,713 | 1,051,995 | 172,194 | 104,349 |
| Customer Service | 791,063 | 742,767 | 763,916 | 692,133 | 700,513 | 712,320 | 749,739 | 768,121 | 841,356 | 91,617 | 50,293 |
| Community Relations | 20,071 | 8,680 | 14,094 | 10,120 | 9,650 | 17,500 | 8,094 | 94,100 | 115,837 | 107,743 | 95,766 |
| Bad Debt | 89,600 | 42,244 | 65,846 | 96,170 | 130,122 | 94,675 | 157,444 | 111,512 | 117,087 | -40,357 | 27,487 |
| Sub-Total | 1,979,480 | 1,852,306 | 1,963,121 | 1,829,328 | 1,812,029 | 1,931,615 | 1,915,261 | 2,198,404 | 2,319,594 | 404,333 | 340,114 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Administration |  |  |  |  |  |  |  |  |  |  |  |
| General Administration | 2,143,949 | 2,207,004 | 2,093,305 | 2,302,022 | 2,582,337 | 2,859,440 | 3,533,049 | 3,473,283 | 3,958,082 | 425,033 | 1,814,133 |
| Software Maintenance | 498,477 | 324,397 | 452,274 | 491,752 | 524,156 | 575,582 | 646,736 | 729,966 | 832,135 | 185,400 | 333,658 |
| Regulatory | 444,060 | 560,450 | 326,658 | 325,025 | 339,094 | 411,331 | 469,548 | 503,518 | 750,664 | 281,116 | 306,604 |
| Executive and Board Expenses | 1,083,873 | 995,254 | 896,219 | 912,240 | 983,228 | 1,080,824 | 982,433 | 1,821,452 | 2,074,802 | 1,092,369 | 990,929 |
| Sub-Total | 4,170,359 | 4,087,105 | 3,768,456 | 4,031,039 | 4,428,814 | 4,927,177 | 5,631,766 | 6,528,220 | 7,615,683 | 1,983,918 | 3,445,324 |
| Miscellaneous |  |  |  |  |  |  |  |  |  | 0 | 0 |
| Total | 9,572,448 | 9,653,596 | 8,941,246 | 9,488,240 | 10,081,958 | 10,576,706 | 12,109,938 | 12,854,668 | 15,133,537 | 3,023,599 | 5,561,089 |

Notes:
1 Please provide a breakdown of the major components of each OM\&A Program undertaken in each year. Please ensure that all programs below the materiality threshold are included in the miscellaneous line Add more Programs as required
2 The applicant should group projects appropriately and avoid presentations that result in classification of significant components of the OM\&A budget in the miscellaneous category

|  | A | B | C | D | E | F | G | H | 1 | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |  |  |  |  | File Number: | EB-2022-0049 |
| 2 |  |  |  |  |  |  |  |  | Exhibit: | 4 |
| 3 |  |  |  |  |  |  |  |  | Tab: |  |
| 4 | TO BE UPDATED AT THE DRAFT RATE ORDER STAGE |  |  |  |  |  |  |  | Schedule: |  |
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| 7 |  |  |  |  |  |  |  |  | Date: | 04-14-2022 |
| 8 |  |  |  |  |  |  |  |  |  |  |
| 9 | Appendix 2-K |  |  |  |  |  |  |  |  |  |
| 10 | Employee Costs |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |
| 12 |  | Last Rebasing Year (2016 OEB Approved) | $\begin{aligned} & \text { Last Rebasing } \\ & \text { Year (2016 } \\ & \text { Actuals) } \end{aligned}$ | 2017 Actuals | 2018 Actuals | 2019 Actuals | 2020 Actuals | 2021 Actuals | 2022 Bridge Year | 2023 Test Year |
| 13 | Number of Employees (FTEs including Part-Time) ${ }^{1}$ |  |  |  |  |  |  |  |  |  |
| 14 | Management (including executive) | 17.0 | 17.2 | 17.0 | 17.3 | 17.9 | 18.2 | 17.3 | 22.0 | 24.0 |
| 15 | Non-Management (union and non-union) | 44.6 | 43.0 | 43.4 | 40.6 | 38.4 | 37.1 | 41.2 | 47.7 | 53.7 |
| 16 | Total | 61.6 | 60.2 | 60.4 | 57.9 | 56.3 | 55.3 | 58.5 | 69.7 | 77.7 |
| 17 | Total Salary and Wages including ovetime and incentive pay |  |  |  |  |  |  |  |  |  |
| 18 | Management (including executive) | \$ 2,301,118 | 2,273,777 | \$ 2,328,068 | 2,314,795 | 2,494,584 | 2,819,608 | 2,867,076 | \$ 3,406,068 | \$ 3,909,360 |
| 19 | Non-Management (union and non-union) | \$ 3,513,853 | 3,121,448 | \$ 3,352,832 | 3,146,557 | 3,053,362 | 3,150,129 | \$ 3,462,872 | \$ 4,239,048 | \$ 5,191,388 |
| 20 | Total | \$ 5,814,971 | \$ 5,395,225 | \$ 5,680,900 | \$ 5,461,352 | \$ 5,547,946 | \$ 5,969,737 | \$ 6,329,948 | \$ 7,645,116 | \$ 9,100,748 |
| 21 | Total Benefits (Current + Accrued) |  |  |  |  |  |  |  |  |  |
| 22 | Management (including executive) | \$ 460,540 | \$ 441,495 | \$ 460,709 | \$ 458,878 | \$ 460,379 | \$ 532,425 | \$ 600,714 | \$ 771,957 | \$ 904,384 |
| 23 | Non-Management (union and non-union) | \$ 800,699 | \$ 700,619 | \$ 757,280 | 696,441 | 670,475 | \$ 666,497 | \$ 709,053 | \$ 1,004,230 | \$ 1,228,860 |
| 24 | Total | \$ 1,261,239 | \$ 1,142,114 | \$ 1,217,989 | \$ 1,155,319 | \$ 1,130,854 | \$ 1,198,922 | \$ 1,309,767 | \$ 1,776,187 | \$ 2,133,244 |
| 25 |  |  |  |  |  |  |  |  |  |  |
| 26 | Management (including executive) | \$ 2,761,658 | \$ 2,715,272 | \$ 2,788,777 | \$ 2,773,673 | \$ 2,954,963 | \$ 3,352,033 | \$ 3,467,790 | \$ 4,178,025 | \$ 4,813,744 |
| 27 | Non-Management (union and non-union) | \$ 4,314,552 | \$ 3,822,067 | \$ 4,110,112 | \$ 3,842,998 | \$ 3,723,837 | \$ 3,816,626 | \$ 4,171,925 | \$ 5,243,278 | \$ 6,420,248 |
| 28 | Total | \$ 7,076,210 | \$ 6,537,339 | \$ 6,898,889 | \$ 6,616,671 | \$ 6,678,800 | \$ 7,168,659 | \$ 7,639,715 | \$ 9,421,303 | \$ 11,233,992 |
| 29 | Total Compensation Breakdown (Capital, OM\&A) |  |  |  |  |  |  |  |  |  |
| 30 | OM\&A |  |  |  |  |  |  |  |  |  |
| 31 | Capital |  |  |  |  |  |  |  |  |  |
| 32 | Total | \$ | \$ | \$ | \$ | \$ | S | \$ | \$ | \$ |
| 33 |  |  |  |  |  |  |  |  |  |  |
| 34 |  |  |  |  |  |  |  |  |  |  |
| 35 |  |  |  |  |  |  |  |  |  |  |
| 36 | Note: |  |  |  |  |  |  |  |  |  |
| 37 | 1. If an applicant wishes to use headcount, it must also file the sa | schedule on an FTE | basis. |  |  |  |  |  |  |  |


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## Appendix 2-L

## Recoverable OM\&A Cost per Customer and per FTE ${ }^{1}$

|  | $\begin{array}{\|c\|} \hline \text { Last Rebasing Year } \\ 2016 \text { - OEB } \\ \text { Approved } \\ \hline \end{array}$ | Last Rebasing Year 2016 Actual | 2017 Actuals | 2018 Actuals | 2019 Actuals | 2020 Actuals | 2021 Actuals | 2022 Bridge Year | 2023 Test Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Bas |  |  |  |  |  |  |  |  |  |
| OM\&A Costs |  |  |  |  |  |  |  |  |  |
| O\&M | \$ 3,576,411 | \$ 3,797,348 | \$ 3,334,905 | \$ 3,772,972 | \$ 3,973,401 | \$ 3,880,810 | \$ 4,748,024 | \$ 4,291,885 | \$ 5,372,714 |
| Admin Expenses ${ }^{6}$ | \$ 5,996,037 | \$ 5,856,248 | \$ 5,606,341 | \$ 5,715,268 | \$ 6,108,557 | \$ 6,695,896 | \$ 7,361,914 | \$ 8,562,783 | \$ 9,760,823 |
| Total Recoverable OM\&A from Appendix 2-JB ${ }^{5}$ | \$ 9,572,448 | \$ 9,653,596 | \$ 8,941,246 | \$ 9,488,240 | \$ 10,081,958 | \$ 10,576,706 | \$ 12,109,938 | \$ 12,854,668 | \$ 15,133,537 |
| Number of Customers ${ }^{\text {2,4 }}$ | 36,976 | 36,450 | 37,327 | 38,829 | 40,052 | 40,801 | 41,558 | 42,695 | 43,863 |
| Number of FTEs ${ }^{3,4}$ | 62 | 60 | 60 | 58 | 56 | 55 | 59 | 70 | 78 |
| Customers/FTEs | 601 | 605 | 618 | 671 | 711 | 738 | 710 | 613 | 565 |
| OM\&A cost per customer |  |  |  |  |  |  |  |  |  |
| O\&M per customer | \$97 | \$104 | \$89 | \$97 | \$99 | \$95 | \$114 | \$101 | \$122 |
| Admin per customer | \$162 | \$161 | \$150 | \$147 | \$153 | \$164 | \$177 | \$201 | \$223 |
| Total OM\&A per customer | \$259 | \$265 | \$240 | \$244 | \$252 | \$259 | \$291 | \$301 | \$345 |
| OM\&A cost per FTE |  |  |  |  |  |  |  |  |  |
| O\&M per FTE | \$58,153 | \$63,079 | \$55,214 | \$65,164 | \$70,576 | \$70,177 | \$81,163 | \$61,577 | \$69,147 |
| Admin per FTE | \$97,497 | \$97,280 | \$92,820 | \$98,709 | \$108,500 | \$121,083 | \$125,845 | \$122,852 | \$125,622 |
| Total OM\&A per FTE | \$155,650 | \$160,359 | \$148,034 | \$163,873 | \$179,076 | \$191,261 | \$207,007 | \$184,429 | \$194,769 |

Notes:
1 If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.

2 The method of calculating the number of customers must be identified. Should correspond with data provided in Appendix 2-IB.
3 The method of calculating the number of FTEs must be identified. See also Appendix 2-K.
4 The number of customers and the number of FTEs should correspond to mid-year or average of January 1 and December 31 figures.
5 For the test year, the applicant should take into account the system O\&M (line 24 of Appendix 2-AB) in developing its forecasted OM\&A.
6 Includes lines 19, 20, \& 21 of Appendix 2-JA

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Appendix 2-M
Regulatory Cost Schedule

|  | Regulatory Cost Category | USoA Account | USoA Account Balance | Last Rebasing Year (2016 OEB Approved) | $\begin{gathered} \hline \text { Last Rebasing } \\ \text { Year (2016 } \\ \text { Actual) } \\ \hline \end{gathered}$ | Most Current <br> Actuals Year 2021 | 2022 Bridge Year | Annual \% Change | 2023 Test Year | Annual \% Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H)=[(G)-(F)]/(F) | (1) | (J) $=[(\mathrm{l})-(\mathrm{G})] /(\mathrm{G})$ |
| Regulatory Costs (Ongoing) |  |  |  |  |  |  |  |  |  |  |
| 1 | OEB Annual Assessment | 5655 |  | 93,000 | 93,000 | 93,000 | 93,000 | 0.00\% | 158,000 | 69.89\% |
| 2 | OEB Section 30 Costs (OEB-initiated) | 5655 |  | 2,500 | 6,043 | 10,068 | 8,000 | -20.54\% | 6,000 | -25.00\% |
| 3 | Expert Witness costs for regulatory matters |  |  |  |  |  |  |  |  |  |
| 4 | Legal costs for regulatory matters |  |  |  |  | 14,962 | 5,000 | -66.58\% | 5,000 | 0.00\% |
| 5 | Consultants' costs for regulatory matters |  |  | 27,300 | 17,039 | 34,382 | 13,927 | -59.49\% | 36,000 | 158.49\% |
| 6 | Operating expenses associated with staff resources allocated to regulatory matters regulatory matters |  |  |  |  |  |  |  |  |  |
| 7 | Operating expenses associated with other resources allocated to regulatory matters | 5655 |  | 3,100 |  |  |  |  |  |  |
| 8 | Other regulatory agency fees or assessments |  |  |  |  |  |  |  |  |  |
| 9 | Any other costs for regulatory matters (please define) | 5655 |  |  |  |  |  |  |  |  |
| 10 | Intervenor costs |  |  |  |  |  |  |  |  |  |
| 11 | OEB Licence Fee |  |  |  | 800 | 800 | 1,500 | 87.50\% | 1,500 | 0.00\% |
| 29 |  |  |  |  |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |  |  |  |  |
| Regulatory Costs (One-Time) |  |  |  |  |  |  |  |  |  |  |
| 1 | Expert Witness costs |  |  |  |  |  |  |  |  |  |
| 2 | Legal costs | 5655 |  | 40,440 | 43,364 |  |  |  | 100,000 |  |
| 3 | Consultants' costs | 5655 |  | 34,720 | 99,649 |  |  |  | 373,919 |  |
| 4 | Incremental operating expenses associated with staff resources allocated to this application. |  |  |  |  |  |  |  | 110,338 |  |
| 5 | Incremental operating expenses associated with other resources allocated to this application |  |  |  |  |  |  |  | 2,159 |  |
| 6 | Intervenor costs | 5655 |  | 48,000 | 99,705 |  |  |  | 180,000 |  |
| 7 | OEB Section 30 Costs (application-related) |  |  |  |  |  |  |  |  |  |
| 8 | Include other items in green cells, as applicable |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |
| 1 | Sub-total - Ongoing Costs |  | \$ | \$ 125,900 | 116,882 | \$ 153,212 | 121,427 | -20.75\% | \$ 206,500 | 70.06\% |
| 2 | Sub-total - One-time Costs |  | \$ - | \$ 123,160 | 242,718 | \$ - | \$ - |  | 766,416 |  |
| 3 | Total |  | \$ | \$ 249,060 | 359,600 | 153,212 | \$ 121,427 | -20.75\% | \$ 359,783 | 196.30\% |


| Application-Related One-Time Costs | Total |  |
| :--- | :--- | ---: |
| Total One-Time Costs Related to Application to be Amortized over <br> IRM Period | $\$$ | 766,416 |
| $1 / 5$ of Total One-Time Costs | $\$$ | 153,283 |

Notes:

Please identify the resources involved.
2 Sum of all ongoing costs.
3 Sum of all one-time costs related to this application.

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## Appendix 2-N

Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\quad \underline{2016}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the Service \$ | Cost for the Service |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  | \$ |
| Milton Hydro Distribution | Milton Hydro Holdings Ing | Administration Fee | Cost Based |  | \$16,116 |
| Milton Hydro Distribution | Milton Hydro Holdings Ing | Admin Staff | Cost Based |  | \$3,947 |
| Milton Hydro Distribution | Milton Energy Generation | Administration Fee | Cost Based |  | \$444 |
| Milton Hydro Distribution | Milton Energy Generation | Admin Staff | Cost Based |  | \$6,369 |
| Milton Hydro Distribution | Milton Energy Generation | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution | Milton Energy Generation | Sentinel Light Main | Cost Based |  | \$8,325 |
| Milton Hydro Distribution | Milton Energy Generation | Water Billing | Cost plus Return |  | \$606,250 |
|  |  |  |  |  |  |

Corporate Cost Allocation

| Name of Company |  |  | Service Offered | Pricing <br> Methodology | \% of Corporate <br> Costs Allocated |
| :--- | :--- | :--- | :--- | :--- | :---: |
|  |  |  |  |  |  |
| From |  |  |  | 98 | $\$ 21,480$ |
| Milton Hydro Holdings Ind Milton Hydro Distribution | Management Fee | Cost Based |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Note:
1 This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:
Type of Service

Sevices such as billing, accounting, payroll, etc. The applicant must idenify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

## Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

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## Appendix 2-N

Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\quad \underline{2017}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the Service $\$$ | Cost for the Service |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  | \$ |
| Milton Hydro Distribution | Milton Hydro Holdings Ing | Administration Fee | Cost Based |  | \$50,856 |
| Milton Hydro Distribution | Milton Hydro Holdings Ind | Admin Staff | Cost Based |  | \$5,855 |
| Milton Hydro Distribution | Milton Energy Generation | Administration Fee | Cost Based |  | \$49,344 |
| Milton Hydro Distribution | Milton Energy Generation | Admin Staff | Cost Based |  | \$13,067 |
| Milton Hydro Distribution | Milton Energy Generation | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution | Milton Energy Generation | Sentinel Light Main | Cost Based |  | \$12,774 |
| Milton Hydro Distribution | Milton Energy Generation | Water Billing | Cost plus Return |  | \$636,101 |
|  |  |  |  |  |  |

Corporate Cost Allocation

| Name of Company |  | Service Offered | Pricing Methodology | \% of Corporate Costs Allocated \% | Amount Allocated |
| :---: | :---: | :---: | :---: | :---: | :---: |
| From | To |  |  |  |  |
| Milton Hydro Holdings In | Milton Hydro Distribution | Management Fee | Cost Based | 98 | \$22,833 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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## Note

This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service: Board of Directors of the parent company that are allocated to the applicant.

> Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a why it is of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

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## Appendix 2-N

Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\quad \underline{2018}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the Service | Cost for the Service |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  |  |
| Milton Hydro Distribution | Milton Hydro Holdings Ind | Administration Fee | Cost Based |  | \$50,856 |
| Milton Hydro Distribution | Milton Hydro Holdings Ing | Admin Staff | Cost Based |  | \$4,992 |
| Milton Hydro Distribution | Milton Energy Generation | Administration Fee | Cost Based |  | \$60,344 |
| Milton Hydro Distribution | Milton Energy Generation | Admin Staff | Cost Based |  | \$4,769 |
| Milton Hydro Distribution | Milton Energy Generation | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution | Milton Energy Generation | Sentinel Light Main | Cost Based |  | \$12,639 |
| Milton Hydro Distribution | Milton Energy Generation | Chisholm Roof Rer | Cost Based |  | \$3,600 |
| Milton Hydro Distribution | Milton Energy Generation | Water Billing | Cost plus Return |  | \$670,225 |

Corporate Cost Allocation

| Name of Company |  |  | Service Offered | Pricing <br> Methodology | $\%$ of Corporate <br> Costs Allocated |
| :--- | :--- | :--- | :--- | :--- | :---: |
|  |  | Amount <br> Allocated |  |  |  |
| From | To |  |  |  | $\$ 0$ |
| Milton Hydro Holdings IncMilton Hydro Distribution | Management Fee | Cost Based |  | $\$ 20,434$ |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |

## Note

This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service: accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

> Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a why it is of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

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Appendix 2-N
Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\quad \underline{2019}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the <br> Service <br> $\$$ | Cost for the Service \$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| From | To |  |  |  |  |
| Milton Hydro Distribution Inc. | Milton Hydro Holdings Inc. | Administration Fee | Cost |  |  |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Administration Fee | Cost Based |  | \$117,420 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Admin Staff | Cost Based |  | \$1,590 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Sentinel Light Main | Cost Based |  | \$845 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Chisholm Roof Rer | Cost Based |  | \$3,600 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Water Billing | Cost plus Return |  | \$713,882 |
|  |  |  |  |  |  |

Corporate Cost Allocation

| Name of Company |  | Service Offered | Pricing Methodology | \% of Corporate Costs Allocated | Amount <br> Allocated <br> \$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  |  |
| Miton Hydro Holdings Inc. | Milton Hydro Distribution Inc. | Management Fee | Cost Based | 90 | \$112,224 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |

Note:
1
This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service:
Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

Pricing Methodology:
Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was demonstrating the pricing methodology used. The applicant must also provide
chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

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## Appendix 2-N

Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\quad \underline{2020}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the Service \$ | Cost for the Service |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  |  |
| Milton Hydro Distribution | Milton Hydro Holdings Ind | Administration Fee | Cost Based |  | \$36,106 |
| Milton Hydro Distribution | Milton Hydro Holdings Ing | Admin Staff | Cost Based |  | \$1,764 |
| Milton Hydro Distribution | Milton Energy Generation | Administration Fee | Cost Based |  | \$120,825 |
| Milton Hydro Distribution | Milton Energy Generation | Admin Staff | Cost Based |  | \$6,955 |
| Milton Hydro Distribution | Milton Energy Generation | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution | Milton Energy Generation | Chisholm Roof Rer | Cost Based |  | \$3,672 |
| Milton Hydro Distribution | Milton Energy Generation | Water Billing | Cost plus Return |  | \$750,371 |
|  |  |  |  |  |  |

Corporate Cost Allocation

| Name of Company |  |  | Service Offered | Pricing <br> Methodology | $\%$ of Corporate <br> Costs Allocated |
| :--- | :--- | :--- | :--- | :--- | :---: |
|  |  | Amount <br> Allocated |  |  |  |
| From | To |  |  |  | $\$ 5$ |
| Milton Hydro Holdings IncMilton Hydro Distribution | Management Fee | Cost Based | $\$ 97,280$ |  |  |
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## Note

This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service: Board of Directors of the parent company that are allocated to the applicant.

> Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a why it is of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered The Applicant must also provide a description of the allocator and why it is an appropriate allocator.


## Appendix 2-N

Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\underline{2021}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the Service \$ | Cost for the Service \$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  |  |
| Milton Hydro Distribution | Milton Hydro Holdings Inc. | Administration Fee | Cost Based |  | \$41,028 |
| Milton Hydro Distribution | Milton Energy Generation Services | Administration Fee | Cost Based |  | \$96,013 |
| Milton Hydro Distribution | Milton Energy Generation Services | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution | Milton Energy Generation Services | Chisholm Roof Rer | Cost Based |  | \$3,745 |
| Milton Hydro Distribution | Milton Energy Generation Services | Water Billing | Cost plus Return |  | \$784,807 |
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|  |  |  |  |  |  |
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Corporate Cost Allocation

| Name of Company |  | Service Offered | Pricing Methodology | \% of Corporate Costs Allocated | Amount Allocated |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  | \$ |
| Milton Hydro Holdings Ind | Milton Hydro Distribution Inc. | Management Fee | Cost Based | 90 | \$81,555 |
|  |  |  |  |  |  |
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## Note:

This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service:
Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant

## Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing evidence demonstrating the pricing methodology used. The applicant must also provide a descriptict
methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

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## Appendix 2-N

Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\underline{2022}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | Price for the Service \$ | Cost for the Service |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  | \$ |
| Milton Hydro Distribution | Milton Hydro Holdings Ind | Administration Fee | Cost Based |  | \$38,328 |
| Milton Hydro Distribution | Milton Energy Generation | Administration Fee | Cost Based |  | \$97,932 |
| Milton Hydro Distribution | Milton Energy Generation | Billing Sentinel Rer | Cost Based |  | \$3,828 |
| Milton Hydro Distribution | Milton Energy Generation | Chisholm Roof Rer | Cost Based |  | \$3,820 |
| Milton Hydro Distribution | Milton Energy Generation | Water Billing | Cost plus Return |  | \$819,954 |
|  |  |  |  |  |  |
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Corporate Cost Allocation

| Name of Company |  |  | Service Offered | Pricing <br> Methodology | $\%$ of Corporate <br> Costs Allocated |
| :--- | :--- | :--- | :--- | :--- | :---: |
|  |  | Amount <br> Allocated |  |  |  |
| From | To |  |  |  | $\$ 0$ |
| Milton Hydro Holdings IncMilton Hydro Distribution | Management Fee | Cost Based |  | $\$ 118,796$ |  |
|  |  |  |  |  |  |
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## Note

This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service: Board of Directors of the parent company that are allocated to the applicant.

> Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a why it is of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

| File Number: | EB-2022-0049 |
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Appendix 2-N
Shared Services and Corporate Cost Allocation ${ }^{1}$
Year: $\underline{2023}$
Shared Services

| Name of Company |  | Service Offered | Pricing Methodology | $\begin{gathered} \text { Price for the } \\ \text { Service } \end{gathered}$ | Cost for the Service |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| From | To |  |  |  | \$ |
| Milton Hydro Distribution Inc. | Milton Hydro Holdings Inc. | Administration Fee | Cost Based |  | \$39,480 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Administration Fee | Cost Based |  | \$99,891 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Billing Sentinel Rentals | Cost Based |  | \$3,828 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Chisholm Roof Rental | Cost Based |  | \$3,897 |
| Milton Hydro Distribution Inc. | Milton Energy Generation Services | Water Billing | Cost plus Return |  | \$856,155 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Corporate Cost Allocation

| Name of Company |  | Service Offered | Pricing Methodology | \% of Corporate Costs Allocated | Amount Allocated |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | To |  |  |  |  |
| From Milton Hydro Holdings Inc. |  |  |  |  | \$ |
| Milton Hydro Holdings Inc. | Milton Hydro Distribution Inc. | Management Fee | Cost Based | 90 | \$120,658 |
|  |  |  |  |  |  |
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Note:
1
This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

Type of Service:
Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

> Pricing Methodology:

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.
\% Allocation:
The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.


Date: 04-14-2022

## Appendix 2-OA Capital Structure and Cost of Capital

## This table must be completed for the last OEB-approved year and the test year.

Test Year: $\underline{2023}$

| Line No. | Particulars | Capitalization Ratio |  |  | Cost Rate | Return |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (\%) |  | (\$) | (\%) | (\$) |
|  | Debt |  |  |  |  |  |
| 1 | Long-term Debt | 56.00\% |  | \$63,605,370 | 3.54\% | \$2,250,497 |
| 2 | Short-term Debt | 4.00\% | (1) | \$4,543,241 | 1.17\% | \$53,156 |
| 3 | Total Debt | 60.0\% |  | \$68,148,611 | 3.38\% | \$2,303,653 |
|  | Equity |  |  |  |  |  |
| 4 | Common Equity | 40.00\% |  | \$45,432,407 | 8.66\% | \$3,934,446 |
| 5 | Preferred Shares |  |  | \$ - |  | \$ - |
| 6 | Total Equity | 40.0\% |  | \$45,432,407 | 8.66\% | \$3,934,446 |
| 7 | Total | 100.0\% |  | \$113,581,019 | 5.49\% | \$6,238,100 |

Notes
(1) $4.0 \%$ unless an applicant has proposed or been approved for a different amount.

Last OEB-approved year: $\underline{2016}$

| Line No. | Particulars | Capitalization Ratio |  |  | Cost Rate | Return |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (\%) |  | (\$) | (\%) | (\$) |
|  | Debt |  |  |  |  |  |
| 1 | Long-term Debt | 56.00\% |  | \$49,598,327 | 4.00\% | \$1,984,844 |
| 2 | Short-term Debt | 4.00\% | (1) | \$3,542,738 | 1.65\% | \$58,455 |
| 3 | Total Debt | 60.0\% |  | \$53,141,065 | 3.85\% | \$2,043,299 |
|  | Equity |  |  |  |  |  |
| 4 | Common Equity | 40.00\% |  | \$35,427,377 | 9.19\% | \$3,255,776 |
| 5 | Preferred Shares |  |  | \$ - |  | \$ - |
| 6 | Total Equity | 40.0\% |  | \$35,427,377 | 9.19\% | \$3,255,776 |
| 7 | Total | 100.0\% |  | \$88,568,442 | 5.98\% | \$5,299,075 |

## Notes

(1) $4.0 \%$ unless an applicant has proposed or been approved for a different amount.

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year
Year
2016

| Row | Description | Lender | Affiliated or ThirdParty Debt? | Fixed or Variable-Rate? | Start Date | Term (years) |  | Principal (\$) | Rate (\%) ${ }^{2}$ | Interest (\$) ${ }^{1}$ | Additional Comments, if any |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Promissory Note | Town of Milton | Affiliated | Fixed Rate | 1-Oct-01 | on deman | \$ | 14,934,210 | 0.0725 | \$ 1,082,730.23 |  |
| 2 | Debenture | Infrastructure Ontaric | Third-Party | Fixed Rate | 1-Apr-10 | 15 | \$ | 1,861,996 | 0.0449 | \$ 87,585.08 | Amortized Semi Annual |
| 3 | Debenture | Infrastructure Ontaric | Third-Party | Fixed Rate | 15-Jul-10 | 25 | \$ | 3,423,387 | 0.0484 | \$ 167,231.41 | Amortized Semi Annual |
| 4 | Debenture | Infrastructure Ontaric | Third-Party | Fixed Rate | 15-Sep-11 | 25 | \$ | 3,052,955 | 0.0433 | \$ 134,078.26 | Amortized Semi Annual |
| 5 | Debenture | Infrastructure Ontaric | Third-Party | Fixed Rate | 15-Feb-12 | 25 | \$ | 2,253,079 | 0.0392 | \$ 89,307.28 | Amortized Semi Annual |
| 6 | Debenture | Infrastructure Ontaric | Third-Party | Fixed Rate | 17-Sep-12 | 25 | \$ | 2,287,092 | 0.0387 | \$ 89,750.59 | Amortized Semi Annual |
| 7 | Promissory Note | Infrastructure Ontaric | Third-Party | Fixed Rate | 1-May-13 | 25 | \$ | 2,767,648 | 0.0374 | \$ 105,320.28 | Amortized Semi Annual |
| 8 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Jul-14 | 25 | \$ | 3,709,194 | 0.0397 | \$ 148,390.88 | Amortized Semi Annual |
| 9 | Promissory Note | Infrastructure Ontaric | Third-Party | Fixed Rate | 16-Mar-15 | 25 | \$ | 7,479,319 | 0.0304 | \$ 230,384.82 | Amortized Semi Annual |
| 10 | Promissory Note | Infrastructure Ontaric | Third-Party | Fixed Rate | 15-Jul-15 | 25 | \$ | 3,898,412 | 0.0355 | \$ 139,453.43 | Amortized Semi Annual |
| 11 | Promissory Note | Infrastructure Ontaric | Third-Party | Fixed Rate | 1-Sep-15 | 25 | \$ | 1,265,896 | 0.0335 | \$ 42,373.81 | Amortized Semi Annual |
| 12 | Term Loan | TD Bank | Third-Party | Fixed Rate | 22-Dec-15 | 30 | \$ | 3,924,275 | 0.0358 | \$ 141,892.62 | Amortized Semi Annual |
| 13 | Promissory Note | Infrastructure Ontaric | Third-Party | Fixed Rate | 15-Dec-16 | 30 | \$ | 3,000,000 | 0.035 | \$ 4,675.00 | Amortized Semi Annual |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | \$ | 53,857,464 | 4.57\% | \$ 2,463,173.69 |  |

Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB.
3 Add more lines above row 12 if necessary

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year

Year
2017


Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any ubsequent update issued by the OEB.
3 Add more lines above row 12 if necessary

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year
Year
2018

| Row | Description | Lender | Affiliated or ThirdParty Debt? | Fixed or Variable-Rate? | Start Date | Term (years) | Principal (\$) | Rate (\%) ${ }^{2}$ | Interest (\$) ${ }^{1}$ | Additional Comments, if any |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Promissory Note | Town of Milton | Affiliated | Fixed Rate | 1-Oct-01 | on deman | \$ 14,934,210 | 0.0725 | \$ 1,082,730.23 |  |
| 2 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 1-Apr-10 | 15 | \$ 1,484,872 | 0.0449 | \$ 71,021.97 | Amortized Semi Annual |
| 3 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-10 | 25 | \$ 3,191,371 | 0.0484 | \$ 156,156.35 | Amortized Semi Annual |
| 4 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Sep-11 | 25 | \$ 2,851,485 | 0.0433 | \$ 125,523.19 | Amortized Semi Annual |
| 5 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Feb-12 | 25 | \$ 2,103,521 | 0.0392 | \$ 83,585.87 | Amortized Semi Annual |
| 6 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 17-Sep-12 | 25 | \$ 2,139,726 | 0.0387 | \$ 84,146.36 | Amortized Semi Annual |
| 7 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 1-May-13 | 25 | \$ 2,592,875 | 0.0374 | \$ 98,923.05 | Amortized Semi Annual |
| 8 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-14 | 25 | \$ 3,502,781 | 0.0397 | \$ 140,289.18 | Amortized Semi Annual |
| 9 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Mar-15 | 25 | \$ 7,028,532 | 0.0304 | \$ 216,868.35 | Amortized Semi Annual |
| 10 | Promissory Note | Infrastructure Ontarig | Third-Party | Fixed Rate | 15-Jul-15 | 25 | \$ 3,684,192 | 3.55 | \$ 131,925.86 | Amortized Semi Annual |
| 11 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 1-Sep-15 | 25 | \$ 1,194,234 | 3.35 | \$ 40,033.88 | Amortized Semi Annual |
| 12 | Term Loan | TD Bank | Third-Party | Fixed Rate | 22-Dec-15 | 30 | \$ 3,764,456 | 3.58 | \$ 132,652.33 | Amortized Semi Annual |
| 13 | Promissory Note | Infrastructure Ontarig | Third-Party | Fixed Rate | 15-Dec-16 | 30 | \$ 2,887,381 | 3.5 | \$ 109,067.34 | Amortized Semi Annual |
| 14 | Promissory Note | TD Bank | Third-Party | Fixed Rate | 20-Jul-18 | 30 | \$ 3,970,475 | 3.9 | \$ 64,808.69 | Amortized Semi Annual |
|  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | \$ 55,330,111 | 4.59\% | \$ 2,537,732.65 |  |

Notes

1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB
3 Add more lines above row 12 if necessary


## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year.
Year
2019


Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB
3 Add more lines above row 12 if necessary.

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year
Year
2020

| Row | Description | Lender | Affiliated or ThirdParty Debt? | Fixed or Variable-Rate? | Start Date | Term (years) | Principal (\$) | Rate (\%) ${ }^{2}$ | Interest (\$) ${ }^{1}$ | Additional Comments, if any |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Promissory Note | Town of Milton | Affiliated | Fixed Rate | 1-Oct-01 | on deman | \$ 14,934,210 | 0.0725 | \$ 1,082,730.23 |  |
| 2 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 1-Apr-10 | 15 | \$ 1,072,725 | 0.0449 | \$ 52,920.62 | Amortized Semi Annual |
| 3 | Debenture | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Jul-10 | 25 | \$ 2,936,068 | 0.0484 | \$ 144,230.09 | Amortized Semi Annual |
| 4 | Debenture | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Sep-11 | 25 | \$ 2,631,991 | 0.0433 | \$ 116,302.93 | Amortized Semi Annual |
| 5 | Debenture | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Feb-12 | 25 | \$ 1,941,889 | 0.0392 | \$ 77,474.21 | Amortized Semi Annual |
| 6 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 17-Sep-12 | 25 | \$ 1,980,619 | 0.0387 | \$ 77,964.87 | Amortized Semi Annual |
| 7 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 1-May-13 | 25 | \$ 2,404,658 | 0.0374 | \$ 92,033.71 | Amortized Semi Annual |
| 8 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Jul-14 | 25 | \$ 3,279,484 | 0.0397 | \$ 131,804.49 | Amortized Semi Annual |
| , | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Mar-15 | 25 | \$ 6,549,706 | 0.0304 | \$ 202,663.87 | Amortized Semi Annual |
| 10 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Jul-15 | 25 | \$ 3,454,352 | 0.0355 | \$ 124,020.93 | Amortized Semi Annual |
| 11 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 1-Sep-15 | 25 | \$ 1,117,709 | 0.0355 | \$ 37,516.43 | Amortized Semi Annual |
| 12 | Term Loan | TD Bank | Third-Party | Fixed Rate | 22-Dec-15 | 30 | \$ 3,592,794 | 0.0358 | \$ 130,325.42 | Amortized Semi Annual |
| 13 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Dec-16 | 30 | \$ 2,766,029 | 0.035 | \$ 104,444.29 | Amortized Semi Annual |
| 14 | Term Loan | TD Bank | Third-Party | Fixed Rate | 20-Jul-18 | 30 | \$ 3,821,892 | 0.039 | \$ 150,663.31 | Amortized Semi Annual |
| 15 | Term Loan | TD Bank | Third-Party | Fixed Rate | 4-Oct-19 | 30 | \$ 2,928,502 | 0.0315 | \$ 93,182.57 | Amortized Semi Annual |
| 16 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 16-Dec-19 | 30 | \$ 979,468 | 0.031 | \$ 30,687.61 | Amortized Semi Annual |
| 17 | Term Loan | TD Bank | Third-Party | Fixed Rate | 6-Jul-20 | 30 | \$ 3,962,036 | 0.0235 | \$ 39,511.90 | Amortized Semi Annual |
|  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | \$ 60,354,132 | 4.45\% | \$ 2,688,477.48 |  |

Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB.
3 Add more lines above row 12 if necessary

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year

Year
2021

| Row | Description | Lender | Affiliated or ThirdParty Debt? | Fixed or Variable-Rate? | Start Date | Term (years) |  | Principal (\$) | Rate (\%) ${ }^{2}$ | Interest (\$) ${ }^{1}$ | Additional Comments, if any |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Promissory Note | Town of Milton | Affiliated | Fixed Rate | 1-Oct-01 | on deman | \$ | 14,934,210 | 0.0725 | \$ 1,082,730.23 |  |
| 2 | Debenture | Infrastructure Ontariq | Third-Party | Fixed Rate | 1-Apr-10 | 15 | \$ | 852,512 | 0.0449 | \$ 37,057.87 | Amortized Semi Annual |
|  | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-10 | 25 | \$ | 2,798,962 | 0.0484 | \$ 138,547.60 | Amortized Semi Annual |
| 4 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Sep-11 | 25 | \$ | 2,514,988 | 0.0433 | \$ 111,559.12 | Amortized Semi Annual |
| 5 | Debenture | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Feb-12 | 25 | \$ | 1,856,243 | 0.0392 | \$ 74,318.40 | Amortized Semi Annual |
| 6 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 17-Sep-12 | 25 | \$ | 1,896,374 | 0.0387 | \$ 75,032.82 | Amortized Semi Annual |
| 7 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 1-May-13 | 25 | \$ | 2,305,188 | 0.0374 | \$ 88,549.09 | Amortized Semi Annual |
|  | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-14 | 25 | \$ | 3,161,077 | 0.0397 | \$ 127,670.49 | Amortized Semi Annual |
| Pr | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 16-Mar-15 | 25 | \$ | 6,299,238 | 0.0304 | \$ 195,485.34 | Amortized Semi Annual |
| 10 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Jul-15 | 25 | \$ | 3,333,222 | 0.0355 | \$ 120,317.55 | Amortized Semi Annual |
| 11 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 1-Sep-15 | 25 | \$ | 1,077,521 | 0.0355 | \$ 36,445.54 | Amortized Semi Annual |
| 12 | Term Loan | TD Bank | Third-Party | Fixed Rate | 22-Dec-15 | 30 | \$ | 3,686,838 | 0.0358 | \$ 127,145.90 | Amortized Semi Annual |
| 13 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 15-Dec-16 | 30 | \$ | 2,701,869 | 0.035 | \$ 100,246.75 | Amortized Semi Annual |
| 14 | Term Loan | TD Bank | Third-Party | Fixed Rate | 20-Jul-18 | 30 | \$ | 3,743,148 | 0.039 | \$ 147,656.11 | Amortized Semi Annual |
| 15 | Term Loan | TD Bank | Third-Party | Fixed Rate | 4-Oct-19 | 30 | \$ | 2,865,096 | 0.0315 | \$ 91,222.39 | Amortized Semi Annual |
| 16 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Dec-19 | 30 | \$ | 958,290 | 0.031 | \$ 30,151.35 | Amortized Semi Annual |
| 17 | Term Loan | TD Bank | Third-Party | Fixed Rate | 6-Jul-20 | 30 | \$ | 3,867,933 | 0.0235 | \$ 91,840.04 | Amortized Semi Annual |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | \$ | 58,852,708 | 4.55\% | \$ 2,675,976.59 |  |

Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB
3 Add more lines above row 12 if necessary

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year
Year
2022

| Row | Description | Lender | Affiliated or ThirdParty Debt? | Fixed or Variable-Rate? | Start Date | $\begin{gathered} \hline \text { Term } \\ \text { (years) } \\ \hline \end{gathered}$ |  | Principal (\$) | Rate (\%) ${ }^{2}$ | Interest (\$) ${ }^{1}$ |  | Additional Comments, if any |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Term Loan | Open - undertermine | Third-Party | Fixed Rate | 1-Jan-22 | 30 | \$ | 15,000,000 | 0.0349 | \$ | 523,500.00 | Interest Bearing only |
| 2 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 1-Apr-10 | 15 | \$ | 622,301 | 0.0449 | \$ | 27,941.32 | Amortized Semi Annual |
| 3 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-10 | 25 | \$ | 2,655,139 | 0.0484 | \$ | 128,508.73 | Amortized Semi Annual |
| 4 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Sep-11 | 25 | \$ | 2,392,864 | 0.0433 | \$ | 103,611.01 | Amortized Semi Annual |
| 5 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Feb-12 | 25 | \$ | 1,767,207 | 0.0392 | \$ | 69,274.52 | Amortized Semi Annual |
| 6 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 17-Sep-12 | 25 | \$ | 1,808,836 | 0.0387 | \$ | 70,001.94 | Amortized Semi Annual |
| 7 | Promissory Note | Infrastructure Ontarig | Third-Party | Fixed Rate | 1-May-13 | 25 | \$ | 2,201,963 | 0.0374 | \$ | 82,353.41 | Amortized Semi Annual |
| 8 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-14 | 25 | \$ | 3,037,922 | 0.0397 | \$ | 120,605.50 | Amortized Semi Annual |
| 9 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Mar-15 | 25 | \$ | 6,041,097 | 0.0304 | \$ | 183,649.34 | Amortized Semi Annual |
| 10 | Promissory Note | Infrastructure Ontarig | Third-Party | Fixed Rate | 15-Jul-15 | 25 | \$ | 3,207,753 | 0.0355 | \$ | 113,875.24 | Amortized Semi Annual |
| 11 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 1-Sep-15 | 25 | \$ | 1,035,992 | 0.0331 | \$ | 34,291.32 | Amortized Semi Annual |
| 12 | Term Loan | TD Bank | Third-Party | Fixed Rate | 22-Dec-15 | 30 | \$ | 3,408,409 | 0.0358 | \$ | 122,021.04 | Amortized Semi Annual |
| 13 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Dec-16 | 30 | \$ | 2,635,268 | 0.0374 | \$ | 98,559.01 | Amortized Semi Annual |
| 14 | Term Loan | TD Bank | Third-Party | Fixed Rate | 20-Jul-18 | 30 | \$ | 3,661,277 | 0.039 | \$ | 142,789.80 | Amortized Semi Annual |
| 15 | Term Loan | TD Bank | Third-Party | Fixed Rate | 4-Oct-19 | 30 | \$ | 2,799,667 | 0.03146 | \$ | 88,077.54 | Amortized Semi Annual |
| 16 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Dec-19 | 30 | \$ | 936,446 | 0.031 | \$ | 29,029.84 | Amortized Semi Annual |
| 17 | Term Loan | TD Bank | Third-Party | Fixed Rate | 6-Jul-20 | 30 | \$ | 3,771,853 | 0.0235 | \$ | 88,638.55 | Amortized Semi Annual |
| 18 | Term Loan | TD Bank | Third-Party | Fixed Rate | 1-Apr-22 | 30 | \$ | 3,942,234 | 0.0349 | \$ | 103,658.51 | Amortized Semi Annual |
| 19 | Term Loan | TD Bank | Third-Party | Fixed Rate | 1-Oct-22 | 30 | \$ | 3,985,658 | 0.0349 | \$ | 35,060.02 | Amortized Semi Annual |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | \$ | 64,911,886 | 3.34\% |  | ,165,446.66 |  |

Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB.
3 Add more lines above row 12 if necessary

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## Appendix 2-OB Debt Instruments

This table must be completed for all required historical years, the bridge year and the test year
Year
2023

| Row | Description | Lender | Affiliated or ThirdParty Debt? | Fixed or Variable-Rate? | Start Date | $\begin{gathered} \hline \text { Term } \\ \text { (years) } \\ \hline \end{gathered}$ |  | Principal (\$) | Rate (\%) ${ }^{2}$ | Interest (\$) ${ }^{1}$ |  | Additional Comments, if any |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Term Loan | Open - undertermine | Third-Party | Fixed Rate | 1-Jan-22 | 30 | \$ | 15,000,000 | 0.0349 | \$ | 523,500.00 | Interest Bearing only |
| 2 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 1-Apr-10 | 15 | S | 381,638 | 0.0449 | \$ | 17,135.53 | Amortized Semi Annual |
| 3 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-10 | 25 | \$ | 2,504,271 | 0.0484 | \$ | 121,206.74 | Amortized Semi Annual |
| 4 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Sep-11 | 25 | \$ | 2,265,395 | 0.0433 | \$ | 98,091.58 | Amortized Semi Annual |
| 5 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Feb-12 | 25 | \$ | 1,674,647 | 0.0392 | \$ | 65,646.15 | Amortized Semi Annual |
| 6 | Debenture | Infrastructure Ontario | Third-Party | Fixed Rate | 17-Sep-12 | 25 | \$ | 1,717,877 | 0.0387 | \$ | 66,481.86 | Amortized Semi Annual |
| 7 | Promissory Note | Infrastructure Ontarig | Third-Party | Fixed Rate | 1-May-13 | 25 | \$ | 2,094,841 | 0.0374 | \$ | 78,347.05 | Amortized Semi Annual |
| 8 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Jul-14 | 25 | \$ | 2,909,830 | 0.0397 | \$ | 115,520.24 | Amortized Semi Annual |
| 9 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Mar-15 | 25 | \$ | 5,775,049 | 0.0304 | \$ | 175,561.49 | Amortized Semi Annual |
| 10 | Promissory Note | Infrastructure Ontarig | Third-Party | Fixed Rate | 15-Jul-15 | 25 | \$ | 3,077,791 | 0.0355 | \$ | 109,261.59 | Amortized Semi Annual |
| 11 | Promissory Note | Infrastructure Ontariq | Third-Party | Fixed Rate | 1-Sep-15 | 25 | \$ | 993,076 | 0.0331 | \$ | 32,870.82 | Amortized Semi Annual |
| 12 | Term Loan | TD Bank | Third-Party | Fixed Rate | 22-Dec-15 | 30 | \$ | 3,311,154 | 0.0358 | \$ | 118,539.31 | Amortized Semi Annual |
| 13 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 15-Dec-16 | 30 | \$ | 2,566,132 | 0.0374 | \$ | 95,973.34 | Amortized Semi Annual |
| 14 | Term Loan | TD Bank | Third-Party | Fixed Rate | 20-Jul-18 | 30 | \$ | 3,576,155 | 0.039 | \$ | 139,470.05 | Amortized Semi Annual |
| 15 | Term Loan | TD Bank | Third-Party | Fixed Rate | 4-Oct-19 | 30 | \$ | 2,732,150 | 0.03146 | \$ | 85,953.44 | Amortized Semi Annual |
| 16 | Promissory Note | Infrastructure Ontario | Third-Party | Fixed Rate | 16-Dec-19 | 30 | \$ | 913,916 | 0.031 | \$ | 28,331.39 | Amortized Semi Annual |
| 17 | Term Loan | TD Bank | Third-Party | Fixed Rate | 6-Jul-20 | 30 | \$ | 3,673,492 | 0.0235 | \$ | 86,327.05 | Amortized Semi Annual |
| 18 | Term Loan | TD Bank | Third-Party | Fixed Rate | 1-Apr-22 | 30 | \$ | 3,853,578 | 0.0349 | \$ | 134,489.88 | Amortized Semi Annual |
| 19 | Term Loan | TD Bank | Third-Party | Fixed Rate | 1-Oct-22 | 30 | \$ | 3,898,211 | 0.0349 | \$ | 136,047.55 | Amortized Semi Annual |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | \$ | 62,919,202 | 3.54\% |  | 2,228,755.06 |  |

Notes
1 If financing is in place only part of the year, separately calculate the pro-rated interest in the year and input in the cell.
2 Input actual or deemed long-term debt rate in accordance with the guidelines in The Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, issued December 11, 2009, or with any subsequent update issued by the OEB.
3 Add more lines above row 12 if necessary

## Appendix 2-R Loss Factors

|  |  | Historical Years |  |  |  |  | 5-Year Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2017 | 2018 | 2019 | 2020 | 2021 |  |
|  | Losses Within Distributor's System |  |  |  |  |  |  |
| A(1) | "Wholesale" kWh delivered to distributor (higher value) | 884,876,150 | 939,096,208 | 940,114,195 | 940,533,588 | 965,073,503 | 933,938,729 |
| A(2) | "Wholesale" kWh delivered to distributor (lower value) | 882,054,103 | 936,138,226 | 937,321,773 | 937,650,359 | 962,006,187 | 931,034,129 |
| B | Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s) | 136,915,459 | 139,246,978 | 145,208,070 | 129,870,395 | 138,468,120 | 137,941,805 |
| C | Net "Wholesale" kWh delivered to distributor $=\mathbf{A}(2)-B$ | 745,138,644 | 796,891,248 | 792,113,703 | 807,779,964 | 823,538,067 | 793,092,325 |
| D | "Retail" kWh delivered by distributor | 856,466,997 | 907,643,862 | 908,021,378 | 909,453,215 | 935,004,221 | 903,317,934 |
| E | Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s) | 136,200,949 | 138,520,301 | 144,450,284 | 129,192,650 | 137,745,507 | 137,221,938 |
| F | Net "Retail" kWh delivered by distributor $=\mathbf{D}-\mathbf{E}$ | 720,266,048 | 769,123,561 | 763,571,094 | 780,260,564 | 797,258,714 | 766,095,996 |
| G | Loss Factor in Distributor's system = C / F | 1.0345 | 1.0361 | 1.0374 | 1.0353 | 1.0330 | 1.0352 |
|  | Losses Upstream of Distributor's System |  |  |  |  |  |  |
| H | Supply Facilities Loss Factor | 1.0032 | 1.0032 | 1.0030 | 1.0031 | 1.0032 | 1.0031 |
|  | Total Losses |  |  |  |  |  |  |
| 1 | Total Loss Factor $=\mathbf{G} \mathbf{x} \mathbf{H}$ | 1.0378 | 1.0394 | 1.0405 | 1.0385 | 1.0363 | 1.0385 |

Notes:
A(1) If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MVWEB. It is the higher of the two values provided by MV-WEB.

If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the higher of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.
A(2) If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the lower of the two kWh values provided by MV-WEB.
If fully embedded with the host distributor, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.
Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in A(2)

B If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is $1 \%$ (i.e., $\mathbf{B}=1.01 \mathrm{XE}$ ). This value should not include supply facility losses. However, the total loss factor on the tariff of rate and charges and applied to customers consumption should include the supply facility loss factor.

D kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.
E Metered consumption of Large Use customers.

G and I These loss factors pertain to secondary-metered customers with demand less than 5,000 kW.
H Actual Supply Facility Loss Factor as calculated by dividing $A(1)$ by $A(2)$.

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Step 1: Commodity Pricing

| Forecasted Commodity Prices | Table 1: Average RPP Supply Cost Summary* |  |  |
| :---: | :---: | :---: | :---: |
|  |  | non-RPP | RPP |
| HOEP (\$/MWh) | Load-Weighted Price for RPP <br> Consumers | \$33.75 | \$33.75 |
| Global Adjustment (\$/MWh) | Impact of the Global Adjustment | \$68.78 | \$68.78 |
| Adjustments (\$/MWh) |  |  | \$1.01 |
| TOTAL (\$/MWh) | Average Supply Cost for RPP Consumers |  | \$103.54 |

Step 2: Commodity Expense
(volumes for the test year is loss adjusted)

| Commodity |  |  |  | 2023 Test Year |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Customer | UoM | Revenue Expense |  |  |  |  |  |  |  |  |  |
| Class Name |  | USA \# | USA \# | Class A Non-RPP Volume** | Class B Non-RPP Volume** | Class B RPP Volume** | Average HOEP |  | Average RPP Rate |  | Amount |
| Residential | kWh | 4006 | 4705 | 0 | 6,233,354 | 360,691,030 | \$ | 0.03375 | \$ | 0.10354 | \$37,556,325 |
| General Service < 50 kW | kWh | 4010 | 4705 | 0 | 7,298,818 | 83,995,008 | \$ | 0.03375 | \$ | 0.10354 | \$8,943,178 |
| General Service 50-999 kW | kWh | 4035 | 4705 | 10,024,604 | 197,967,444 | 21,346,101 | \$ | 0.03375 | \$ | 0.10354 | \$9,229,907 |
| General Service 1000-4999 kW | kWh | 4010 | 4705 | 104,207,401 | 2,798,300 | - | \$ | 0.03375 | \$ | 0.10354 | \$3,611,442 |
| Large Users | kWh | 4025 | 4705 | 131,524,694 | - | - | \$ | 0.03375 | \$ | 0.10354 | \$4,438,958 |
| Street Lights | kWh | 4025 | 4705 | 0 | 5,269,960 | - | \$ | 0.03375 | \$ | 0.10354 | \$177,861 |
| Unmetered/Scattered | kWh | 4025 | 4705 | 0 | - | 1,108,261 | \$ | 0.03375 | \$ | 0.10354 | \$114,749 |
| Sentinel Lights | kWh | 4025 | 4705 | 0 | - | 139,941 | \$ | 0.03375 | \$ | 0.10354 | \$14,489 |
|  | kWh | 4025 | 4705 |  |  |  | \$ | 0.03375 | \$ | 0.10354 | \$0 |
|  | kWh | 4025 | 4705 |  |  |  | \$ | 0.03375 | \$ | 0.10354 | \$0 |
|  | kWh | 4025 | 4705 |  |  |  | \$ | 0.03375 | \$ | 0.10354 | \$0 |
| TOTAL |  |  |  | 245,756,699 | 219,567,876 | 467,280,341 |  |  |  |  | \$64,086,911 |


*Regulated Price Plan Prices for the Period May 1, 2021 to April 30, 2022, p. 2
${ }^{* *}$ Enter 2022 load forecast data by class based on the most recent 12 -month historic Class A and Class B RPP/Non-RPP proportions
${ }^{* * *}$ Based on average $\$ \mathrm{GA}$ per kWh billed to class A customers for most recent 12-month historical year.


3.The OER Credit of $17 \%$ will only apply to RPP proportion of the listed components. Impacts on distribution charges are excluded for the purpose of calculating the cost of power. 4. Class A CBR: use the average CBR per kWh, similar to how the Class A GA cost is calculated

| 2023 Test Year - Cop |  |  |
| :--- | :--- | ---: |
| 4705-Power Purchased | $\$$ | $64,086,911$ |
| 4707- Global Adjustment | $\$$ | $25,741,969$ |
| 4708-Charges-WMS | $\$$ | $3,579,866$ |
| 4714-Charges-NW | $\$$ | $8,082,798$ |
| 4716-Charges-CN | $\$$ | $6,047,380$ |
| 4750-Charges-LV | $\$$ | $1,022,129$ |
| 4751-IESO SME | $\$$ | 294,650 |
| Misc A/R or A/P | $\$$ | $(9,900,029$ |
| TOTAL | $\$$ | $\mathbf{9 8 , 9 5 5 , 6 7 4}$ |

