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### 2.0 RATE BASE

### 2.1 RATE BASE OVERVIEW

### 2.1.1 Background

The rate base used for the purpose of calculating the revenue requirement in this Application follows Chapter 2 of the Filing Requirements for Electricity Distribution Applications issued by the Ontario Energy Board ("Board" or "OEB") on July 20, 2017 (the "Filing Requirements"). In accordance with the Filing Requirements, Energy+ has calculated the rate base as an average of the net capital balances at the beginning and the end of the 2019 Test Year, plus a working capital allowance, which is $7.5 \%$ of the sum of the cost of power and controllable expenses. The use of a $7.5 \%$ rate is consistent with the Board`s letter of June 3, 2015 and the Filing Requirements as issued by the OEB. Energy+ has not completed a lead-lag study or equivalent analysis to support a different rate and has submitted this application using the default value of $7.5 \%$.

Energy+ was also not previously directed by the OEB to undertake a lead/lag study.

Net capital assets include in-service assets that are associated with activities that enable the conveyance of electricity for distribution purposes less accumulated depreciation and contributed capital from third parties. For purposes of this Exhibit, distribution assets refer to those assets that are most directly related to the distribution system, such as poles, overhead and underground lines, and transformers. General plant refers to assets that support the operation of the distribution system such, as computer hardware and software, vehicles, buildings and equipment. Capital assets, PP\&E and intangible assets; these are referred to as "capital" or "fixed" assets throughout this evidence. The rate base calculation excludes any non-distribution assets. Energy+ has not applied for, nor received, any Incremental Capital Module ("ICM") adjustments. Controllable expenses include operations and maintenance, billing and collecting, and administration expenses.

### 2.1.2 2014 Board Approved Proxy

On November 28, 2014, the former Cambridge and North Dumfries Hydro Inc. ("CND") acquired all of the shares of the former Brant County Power Inc. ("BCP"). On January 1, 2016 the former CND and BCP legally amalgamated to become Energy+ Inc.

The last Board Approved Rate Bases were established for each of these entities in the following Applications:

- Cambridge and North Dumfries Hydro Inc. - 2014 Rate Rebasing EB-2013-0116
- Brant County Power Inc. - 2011 Rate Rebasing EB-2010-0125

As a result of the acquisition and subsequent amalgamation, and in light of the fact that each of the former utilities had different rate rebasing years, Energy+ has developed 2014 Board Approved Proxy figures for comparative purposes. For purposes of this Exhibit, the 2014 Board Approved Proxy was calculated as the aggregate of:

- Former CND Board Approved Rate Base, as approved in EB-2013-0116; and
- Former BCP Board Approved Rate Base for 2011, as approved in EB-2010-0125, as inflated for 2012, 2013, and 2014 utilizing the Board IRM inflation factors for each of those years for purposes of the working capital allowance. The average net capital assets are as approved for 2011.

Energy+ proposes to utilize the 2014 Board Approved Proxy to facilitate a comparison of Rate Base in a manner consistent with the current Energy+ corporate structure and Board Filing Requirements.

Table 2-1 (a) and Table 2-1 (b) summarizes the 2014 Board Approved Proxy for purposes of this Exhibit.

Table 2-1(a): 2014 Board Approved Proxy - Rate Base

| Description | $\mathbf{2 0 1 4}$ Board <br> Approved <br> (CND) | 2014 Board <br> Approved <br> Proxy (BCP) | 2014 Board <br> Approved <br> Proxy <br> (Combined) |
| :---: | ---: | ---: | ---: |
| Gross Capital Assets in Service |  |  |  |
| Opening Balance | $203,875,727$ | $25,503,926$ | $229,379,653$ |
| Ending Balance | $218,925,109$ | $28,278,795$ | $247,203,904$ |
|  |  |  |  |
| Accumulated Depreciation |  |  |  |
| Opening Balance | $104,570,734$ | $10,647,407$ | $115,218,141$ |
| Ending Balance |  |  |  |
|  |  |  |  |
| Net Capital Assets in Service | $104,264,257$ | $15,921,001$ | $120,185,258$ |
| Opening Balance | $114,354,375$ | $17,631,388$ | $131,985,763$ |
| Ending Balance | $\mathbf{1 0 9 , 3 0 9 , 3 1 6}$ | $\mathbf{1 6 , 7 7 6 , 1 9 5}$ | $\mathbf{1 2 6 , 0 8 5 , 5 1 1}$ |
| Average Balance | $22,549,102$ | $4,180,461$ | $26,729,563$ |
| Working Capital Allowance | $\mathbf{1 3 1 , 8 5 8 , 4 1 8}$ | $\mathbf{2 0 , 9 5 6 , 6 5 5}$ | $\mathbf{1 5 2 , 8 1 5 , 0 7 3}$ |
| Total Rate Base |  |  |  |

4 Table 2-1(b): Computation of 2014 Board Approved Proxy - Working Capital Allowance

| Expenses for Working Capital | $\mathbf{2 0 1 4}$ Board <br> Approved <br> (CND) | 2014 Board <br> Approved <br> Proxy (BCP) | 2014 Board <br> Approved <br> Proxy <br> (Combined) |
| :--- | ---: | ---: | ---: |
| Eligible Distribution Expenses: |  |  |  |
| Distribution Expenses - Operations | $2,342,789$ | 885,726 | $3,228,515$ |
| Distribution Expenses - Maintenance | $\mathbf{1 , 9 9 5 , 3 4 4}$ | 666,585 | $2,661,929$ |
| Billing and Collecting | $2,944,585$ | 786,024 | $3,730,609$ |
| Community Relations | 151,100 | 182,607 | 333,707 |
| Administration \& General | $\mathbf{7 , 0 6 4 , 0 3 4}$ | $1,392,637$ | $8,456,671$ |
| Taxes Other than Income Taxes | 155,664 | - | 155,664 |
| Total Eligible Distribution Expenses | $\mathbf{1 4 , 6 5 3 , 5 1 6}$ | $\mathbf{3 , 9 1 3 , 5 7 9}$ | $\mathbf{1 8 , 5 6 7 , 0 9 5}$ |
| Power Supply Expenses | $158,801,115$ | $\mathbf{2 3 , 9 5 6 , 1 5 9}$ | $182, \mathbf{7 5 7 , 2 7 4}$ |
| Total Expenses for Working Capital | $\mathbf{1 7 3 , 4 5 4 , 6 3 1}$ | $\mathbf{2 7 , 8 6 9 , 7 3 8}$ | $\mathbf{2 0 1 , 3 2 4 , 3 6 9}$ |
| Working Capital factor | $\mathbf{1 3 \%}$ | $\mathbf{1 5 \%}$ | $\mathbf{1 3 \%}$ |
| Total Working Capital Allowance | $\mathbf{2 2 , 5 4 9 , 1 0 2}$ | $\mathbf{4 , 1 8 0 , 4 6 1}$ | $\mathbf{2 6 , 7 2 9 , 5 6 3}$ |


| Former BCP 2014 Board Approved Proxy |  |  |  |
| :---: | :---: | :---: | :---: |
| 2011 Board Approved | Proxy 2012 | Proxy 2013 | Proxy 2014 |
|  | IRM Factor | IRM Factor | IRM Factor |
|  | 0.68\% | 0.28\% | 1.60\% |
|  |  |  |  |
|  |  |  |  |
| 863,472 | 869,344 | 871,778 | 885,726 |
| 649,837 | 654,256 | 656,088 | 666,585 |
| 766,275 | 771,486 | 773,646 | 786,024 |
| 178,019 | 179,230 | 179,731 | 182,607 |
| 1,357,646 | 1,366,878 | 1,370,705 | 1,392,637 |
| - | - | - | - |
| 3,815,249 | 3,841,193 | 3,851,948 | 3,913,579 |
| 23,354,251 | 23,513,060 | 23,578,896 | 23,956,159 |
| 27,169,500 | 27,354,253 | 27,430,845 | 27,869,738 |
| 15\% | 15\% | 15\% | 15\% |
| 4,074,525 | 4,103,138 | 4,114,627 | 4,180,461 |

For comparative purposes, and throughout this Exhibit, the actual results for the 2014 and 2015 years represent the combined actual results for the former CND and BCP. The 2016 through 2019 Test Year figures represent Energy+ Inc.

In order for Energy+ to complete this Application and file on-time for April 27, 2018, the figures presented for the 2017 Year are based on Energy+'s 2017 Forecast for the year, which incorporates 11 months of actuals. The filing date of April 27, 2018 also precedes the timing of the filing of the RRR Filing, which is due April 30, 2018. Energy+ intends to update the 2017 Forecast for the 2017 Actuals upon completion and filing of the RRR Filing.

### 2.1.4 Accounting Policy Changes

### 2.1.4.1 Changes in Capitalization Policies and Depreciation

In accordance with the Board's letter dated July 12, 2012, each of the former CND and BCP adopted capitalization and depreciation policies under CGAAP that were compliant with International Financial Reporting Standards.

The former CND adopted the required accounting changes for depreciation and capitalization policies on January 1, 2012, which were included in the former CND's 2014 Cost of Service Application. As a result, there were no additional impacts to the expensing of overheads or amortization expense in the Cambridge and North Dumfries service territory.

The former BCP adopted the required accounting changes for depreciation and capitalization policies on January 1, 2013. The impact of the capitalization and depreciation changes related to the former BCP are detailed in Exhibit 9, Deferral and Variance Accounts (Account 1576).

Upon amalgamation on January 1, 2016, the accounting policies for depreciation and capitalization policies for Energy+ were harmonized to be consistent with the policies of the former CND.

### 2.1.4.2 Transition to Modified International Financial Report Standards ("MIFRS")

Both of the former CND and BCP followed Canadian Generally Accepting Accounting principles ("CGAAP") in 2013 and 2014. Each of the former utilities adopted International Financial Reporting Standards ("IFRS") effective January 1, 2015 with restatement to January 1, 2014 ("transition date"). Energy+ adopted Modified International Financial Reporting Standards (MIFRS) for rate making purposes effective January 1, 2015 and follows the OEB’s Accounting Procedures Handbook ("APH").

In this Application, where applicable, 2014 Actuals are presented under the former CGAAP (modified for changes in depreciation and capitalization policies) and the years 2015 through 2019 Test Year are presented under MIFRS.

At the IFRS transition date, Energy+ elected to utilize the rate-regulated deemed cost exemption for qualifying items of Property, Plant and Equipment ("PP\&E"). As a result, on January 1, 2014 the IFRS carrying amount of PP\&E was elected to be equal to the previous Canadian CGAAP carrying amount, as at December 31, 2013. When the rateregulated deemed cost exemption is used to establish the cost of an item of PP\&E, the deemed cost becomes the new IFRS cost basis at that date; and the accumulated depreciation recognized under previous Canadian GAAP is set to nil. An adjusting entry is required at the changeover date to reflect the fact that the accumulated amortization was set to nil under MIFRS at the transition date.

In accordance with the APH, the adjusting entry to reset the cost of PP\&E to the regulated net book value and to set the accumulated amortization to nil has been recognized in 2015 (the year of adoption of MIFS).

Table 2-2 provides a summary of the transition adjustment reflected in the gross assets and accumulated amortization in 2015:

Table 2-2: Opening Net Book Value Adjustment on Adoption of IFRS

| Account No. | Description | Original Gross Cost Basis | New Gross Cost Basis | Adjustment to Gross Cost Basis |
| :---: | :---: | :---: | :---: | :---: |
| 1611 | Computer Software (Formally known as Account 1925) | 3,524,730 | 1,086,581 | $(2,438,149)$ |
| 1805 | Land | 347,843 | 347,843 |  |
| 1808 | Buildings | 2,002,009 | 1,441,923 | $(560,086)$ |
| 1815 | Transformer Station Equipment >50 kV | 12,563,883 | 8,950,555 | $(3,613,327)$ |
| 1820 | Distribution Station Equipment < 50 kV | 124,226 | (0) | $(124,227)$ |
| 1830 | Poles, Towers \& Fixtures | 38,751,164 | 21,526,768 | $(17,224,396)$ |
| 1835 | Overhead Conductors \& Devices | 43,393,277 | 24,187,666 | $(19,205,611)$ |
| 1840 | Underground Conduit | 28,334,297 | 14,737,580 | $(13,596,717)$ |
| 1845 | Underground Conductors \& Devices | 42,791,841 | 22,366,908 | $(20,424,933)$ |
| 1850 | Line Transformers | 51,736,853 | 26,529,643 | $(25,207,209)$ |
| 1855 | Services (Overhead \& Underground) | 2,786,110 | 1,379,969 | $(1,406,141)$ |
| 1860 | Meters (Smart Meters) | 12,866,744 | 9,522,576 | $(3,344,169)$ |
| 1905 | Land | 301,592 | 301,592 |  |
| 1908 | Buildings \& Fixtures | 6,098,101 | 2,283,880 | $(3,814,222)$ |
| 1915 | Office Furniture \& Equipment (5 years) | 958,839 | 305,922 | $(652,917)$ |
| 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | 4,010,166 | 1,387,063 | $(2,623,102)$ |
| 1930 | Transportation Equipment | 5,561,706 | 2,186,321 | $(3,375,385)$ |
| 1935 | Stores Equipment | 97,458 | 774 | $(96,684)$ |
| 1940 | Tools, Shop \& Garage Equipment | 1,699,543 | 725,545 | $(973,998)$ |
| 1945 | Measurement \& Testing Equipment | 64,529 | 11,161 | $(53,368)$ |
| 1950 | Power Operated Equipment | 2,708 | 8 | $(2,700)$ |
| 1955 | Communication Equipment (Smart Meters) | 40,580 | 512 | $(40,068)$ |
| 1960 | Miscellaneous Equipment | 300,309 | 233,196 | $(67,113)$ |
| 1980 | System Supervisor Equipment | 714,214 | - | $(714,214)$ |
| 1995 | Contributions \& Grants | $(22,085,361)$ | $(16,170,412)$ | 5,914,950 |
| 2005 | Property Under Finance Leases | 61,873 | (0) | $(61,873)$ |
| 2010 | Electric Plant Purchased or Sold | 41,000 | 26,668 | $(14,332)$ |
| Total |  | 237,090,234 | 123,370,244 | $(113,719,990)$ |


$\left.$| Original Acc. |
| ---: | ---: | ---: |
| Amortization | | New Acc. |
| :---: |
| Amortization | | Adjustment to |
| :---: |
| Acc. |
| Amortization | \right\rvert\,

The impact of the adoption to MIFRS are detailed further in Exhibit 9, Deferral and Variance Accounts (Account 1575).

|  | Particulars | MIFRS 2019 |
| :---: | :---: | :---: |
|  | Net Capital Assets in Service: |  |
|  | Opening balance | 153,449,187 |
|  | Ending Balance | 162,532,116 |
|  | Average Balance | 157,990,651 |
|  | Working Capital Allowance | 13,200,746 |
|  | Total Rate Base | 171,191,397 |
|  | Expenses for Working Capital | MIFRS 2019 |
|  | Eligible Distribution Expenses: |  |
|  | Distribution Expenses - Operation | 3,289,039 |
|  | Distribution Expenses - Maintenance | 2,641,602 |
|  | Billing \& Collecting | 3,945,340 |
|  | Community Relations | 98,215 |
|  | Administrative \& General Expenses | 8,601,452 |
|  | Donations - LEAP | 42,000 |
|  | Taxes other than Income Taxes | 200,710 |
|  | Less Allocated Depreciation | $(462,769)$ |
|  | Total Eligible Distribution Expenses | 18,355,589 |
|  | Power Supply Expenses | 157,654,356 |
|  | Total Expenses for Working Capital | 176,009,945 |
|  | Working Capital Factor | 7.50\% |
| 8 | Total Working Capital Allowance | 13,200,746 |

### 2.1.5 Summary of Rate Base

This Exhibit compares historical data for the years 2014 to 2017 with the 2018 Bridge Year and 2019 Test Year.

Energy+ has calculated its 2019 Test Year rate base to be \$171,191,397. The Rate Base is also used to determine the proposed Revenue Requirement summarized in Exhibit 6. Table 23, below illustrates Energy+'s Rate Base Calculation for the Test Year.

Table 2-3: 2019 Test Year Rate Base

Energy+ has provided its Rate Base calculations for the years 2014 Board Approved Proxy, 2014 Actual, 2015 Actual, 2016 Actual, 2017 Forecast, 2018 Bridge Year and 2019

Test Year in Table 2- below. Figures for the years 2014 and 2015 are on a consolidated basis, as described above.

Table 2-4: Summary of Rate Base

| Description | 2014 Board Approved Proxy | 2014 Actual (GCAAP) | 2015 Actual (MIFRS) | 2016 Actual | 2017 Forecast | 2018 Bridge | 2019 Test |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Assets in Service |  |  |  |  |  |  |  |
| Opening Balance | 229,379,653 | 237,090,234 | 246,893,742 | 141,341,276 | 153,464,114 | 167,519,477 | 177,381,829 |
| Ending Balance | 247,203,904 | 246,893,742 | 141,341,275 | 153,464,114 | 167,519,477 | 177,381,829 | 191,020,455 |
| Accumulated Depreciation |  |  |  |  |  |  |  |
| Opening Balance | 109,194,395 | 113,719,990 | 118,201,841 | 8,287,958 | 13,273,708 | 18,657,777 | 23,932,642 |
| Ending Balance | 115,218,141 | 118,201,841 | 8,287,957 | 13,273,708 | 18,657,777 | 23,932,642 | 28,488,339 |
| Net Capital Assets in Service |  |  |  |  |  |  |  |
| Opening Balance | 120,185,258 | 123,370,244 | 128,691,901 | 133,053,318 | 140,190,406 | 148,861,700 | 153,449,187 |
| Ending Balance | 131,985,763 | 128,691,901 | 133,053,318 | 140,190,407 | 148,861,700 | 153,449,187 | 162,532,116 |
| Average Balance | 126,085,511 | 126,031,072 | 130,872,609 | 136,621,863 | 144,526,053 | 151,155,444 | 157,990,651 |
| Working Capital Allowance | 26,729,563 | 24,243,048 | 26,009,103 | 28,879,255 | 29,702,609 | 24,063,285 | 13,200,746 |
| Total Rate Base | 152,815,073 | 150,274,120 | 156,881,713 | 165,501,118 | 174,228,663 | 175,218,729 | 171,191,397 |

Note: The 2015 opening balances for Gross Capital Assets, Accumulated Depreciation, and Net Capital Assets in Table 2-4 above differs from the opening balances on the fixed asset continuity schedule for 2015 as provided in Table 2-13 by the MIFRS opening balance adjustment as described in Section 2.1.4.2.

The Rate Base for the 2019 Test Year of $\$ 171,191,397$ is an increase of $\$ 18,482,360$ or $12 \%$ compared to the 2014 Board Approved Rate Base Proxy. The variance between the 2019 Test Year and 2014 Board Approved Proxy Year is mainly attributed to:

- An increase in the average net capital assets in service of $\$ 31,905,141$ from $\$ 126,085,110$ to $\$ 157,990,651$, or $25 \%$ due to the net capital investments in the distribution system, including general plant, over the five year period.
- The increase in the average net capital assets in service is partially offset by a decrease in the working capital allowance. The 2019 Test Year Working Capital Allowance of $\$ 13,200,746$ is $\$ 13,528,817$ lower than the 2014 Board Approved Proxy of $\$ 26,729,563$. The reduction in the working capital allowance is due to: (i) a reduction in the working capital allowance percentage to $7.5 \%$ from $13 \% / 15 \%$ as approved for the former CND and BCP in the previous cost of service rate applications; and (ii) a decrease in the Power Supply Expenses of \$25,102,918 from \$182,757,274
to $\$ 157,654,356$ or $13.7 \%$, mainly attributable to the decrease in commodity pricing, commencing in 2017, from the introduction of the Fair Hydro Plan. As explained more fully in Exhibit 4, Operating, Maintenance and Administrative ("OM\&A") expenses, also used in the calculation, are almost equal in 2014 and 2019. When all factors are considered, working capital allowance has been reduced by approximately half from \$26,729,563 to \$13,200,746.

Energy+ has provided a summary of its calculations of the cost of power and controllable expenses used in the calculations for determining working capital for the years 2014 Board Approved Proxy, 2014 Actual, 2015 Actual, 2016 Actual, 2017 Forecast, 2018 Bridge Year and 2019 Test Year in Table 2-5 below. Further details of Energy+'s calculation of its cost of power calculations are provided in Table 2-24 and Table 2-25.

Table 2-5: Summary of Working Capital Calculation

| Expenses for Working Capital | 2014 Board Approved Proxy | 2014 Actual | 2015 Actual | 2016 Actuals | 2017 Forecast | 2018 Bridge | 2019 Test |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eligible Distribution Expenses: |  |  |  |  |  |  |  |
| Distribution Expenses - Operations | 3,228,515 | 2,738,607 | 2,880,615 | 2,934,425 | 2,975,027 | 3,240,629 | 3,289,039 |
| Distribution Expenses - Maintenance | 2,661,929 | 3,118,876 | 2,755,290 | 2,671,173 | 2,592,217 | 2,674,678 | 2,641,602 |
| Billing and Collecting | 3,730,609 | 3,477,666 | 3,330,327 | 3,548,298 | 3,391,259 | 3,372,867 | 3,945,340 |
| Community Relations | 333,707 | 260,238 | 118,616 | 97,839 | 90,720 | 93,555 | 98,215 |
| Administration \& General | 8,456,671 | 8,762,117 | 8,308,149 | 7,905,340 | 8,512,531 | 8,213,696 | 8,601,452 |
| Donations - LEAP |  | 4,700 | 62,618 | 45,409 | 45,909 | 39,509 | 42,000 |
| Taxes Other than Income Taxes | 155,664 | 174,666 | 137,973 | 162,147 | 163,946 | 200,710 | 200,710 |
| Less Allocated Depreciation | - | $(471,470)$ | $(441,619)$ | $(335,578)$ | $(461,000)$ | $(460,451)$ | $(462,769)$ |
| Total Eligible Distribution Expenses | 18,567,095 | 18,065,400 | 17,151,968 | 17,029,052 | 17,310,609 | 17,375,193 | 18,355,589 |
| Power Supply Expenses | 182,757,274 | 168,419,584 | 182,918,056 | 205,119,062 | 211,171,000 | 167,727,000 | 157,654,356 |
| Total Expenses for Working Capital | 201,324,369 | 186,484,984 | 200,070,024 | 222,148,115 | 228,481,609 | 185,102,193 | 176,009,945 |
| Working Capital factor | 13\% | 13\% | 13\% | 13\% | 13\% | 13\% | 7.5\% |
| Total Working Capital Allowance | 26,729,563 | 24,243,048 | 26,009,103 | 28,879,255 | 29,702,609 | 24,063,285 | 13,200,746 |

Note: Low Income Energy Assistance Program ("LEAP") Donations and Allocated Depreciation in the 2014 Board Approved Proxy were incorporated into the eligible distribution expenses and not highlighted separately.

### 2.2. VARIANCE ANALYSIS OF RATE BASE

Tables 2-6 through 2-11 set out Energy+'s Rate Base and Working Capital calculations for the 2019 Test Year, 2018 Bridge Year, 2017 Forecast, 2016 Actual, 2015 Actual, 2014 Board Approved and Actual, with the following year over year variances provided:

- 2019 Test Year compared to 2018 Bridge Year;

1 - 2018 Bridge Year compared to 2017 Forecast;

2 - 2017 Forecast compared to 2016 Actual;

3 - 2016 Actual compared to 2015 Actual;

4 - 2015 Actual compared to 2014 Actual; and

5 - 2014 Actual compared to 2014 Board Approved Proxy.

6 For purposes of the variance analysis, Energy+'s materiality threshold is \$175,000.

Table 2-6: 2019 Test Year vs. 2018 Bridge Year

8

The main reason for the decrease in Rate Base is a reduction in the Working Capital Allowance of $\$ 10,862,539$, principally due to: (i) the change in the working capital allowance factor used in the calculation, which decreased from $13.0 \%$ to $7.5 \%$; and (ii) a reduction in the Power Supply Expenses.

The decrease in the Working Capital Allowance was partially offset by an increase in the average net capital assets in service of $\$ 6,835,208$. The increase in net capital assets represents planned investments in the distribution system. Energy+'s capital investment program is summarized in more detail in Section 2.7, as well as part of Energy+'s Distribution System Plan ("DSP") found in Appendix 2-A.

1
Table 2-7: 2018 Bridge Year vs. 2017 Forecast

| Particulars | 2018 Bridge | 2017 Forecast | Variance | $\%$ |
| :--- | ---: | ---: | ---: | ---: |
| Net Capital Assets in Service: |  |  |  |  |
| Opening Balance | $148,861,700$ | $140,190,406$ | $8,671,294$ | $6 \%$ |
| Ending Balance | $153,449,187$ | $148,861,700$ | $4,587,486$ | $3 \%$ |
| Average Balance | $151,155,444$ | $\mathbf{1 4 4 , 5 2 6 , 0 5 3}$ | $\mathbf{6 , 6 2 9 , 3 9 0}$ | $\mathbf{4 \%}$ |
| Working Capital Allowance | $24,063,285$ | $29,702,609$ | $(5,639,324)$ | $-23 \%$ |
| Total Rate Base | $\mathbf{1 7 5 , 2 1 8 , 7 2 9}$ | $\mathbf{1 7 4 , 2 2 8 , 6 6 3}$ | $\mathbf{9 9 0}, 066$ | $\mathbf{1 \%}$ |

The total Rate Base for the 2018 Bridge Year of $\$ 175,218,729$ is $\$ 990,066$ or $1 \%$ higher than 2017 Forecast.

The increase in the average net capital assets in service of $\$ 6,629,390$ is partially offset by a decrease in the Working Capital Allowance of $\$ 5,639,324$. Average net capital assets in service for the 2018 Bridge Year increased as a result of planned investments in the distribution system. The working capital allowance decreased as result of a significant decrease in the Power Supply Expenses from $\$ 211,171,000$ to $\$ 167,727,000$, or $21 \%$ mainly due to the decrease in commodity pricing, commencing in 2017, from the introduction of the Fair Hydro Plan.

Table 2-8: 2017 Forecast vs. 2016 Actual

| Particulars | 2017 Forecast | 2016 Actual | Variance | \% |
| :--- | ---: | ---: | ---: | ---: |
| Net Capital Assets in Service: |  |  |  |  |
| Opening Balance | $140,190,406$ | $133,053,318$ | $7,137,088$ | $5 \%$ |
| Ending Balance | $148,861,700$ | $140,190,407$ | $8,671,293$ | $6 \%$ |
| Average Balance | $\mathbf{1 4 4 , 5 2 6 , 0 5 3}$ | $\mathbf{1 3 6 , 6 2 1 , 8 6 3}$ | $\mathbf{7 , 9 0 4}, 191$ | $\mathbf{5 \%}$ |
| Working Capital Allowance | $29,702,609$ | $28,879,255$ | 823,354 | $3 \%$ |
| Total Rate Base | $\mathbf{1 7 4 , 2 2 8 , 6 6 3}$ | $\mathbf{1 6 5 , 5 0 1 , 1 1 8}$ | $\mathbf{8 , 7 2 7 , 5 4 5}$ | $\mathbf{5 \%}$ |

The total Rate Base for the 2017 Forecast Year of $\$ 174,228,663$ is $\$ 8,727,545$ or $5 \%$ higher than 2016 Actuals.

This increase is mainly attributable to an increase in the average net capital assets in service. Average net capital assets in service increased as a result of investments made in the distribution system. The Working Capital Allowance increased due an increase in Power Supply Expenses.

Table 2-9: 2016 Actual vs. 2015 Actual

| Particulars | 2016 Actual | 2015 Actual | Variance | \% |
| :--- | ---: | ---: | ---: | ---: |
| Net Capital Assets in Service: |  |  |  |  |
| Opening Balance | $133,053,318$ | $128,691,901$ | $4,361,417$ | $3 \%$ |
| Ending Balance | $140,190,407$ | $133,053,318$ | $7,137,089$ | $5 \%$ |
| Average Balance | $136,621,863$ | $\mathbf{1 3 0 , 8 7 2 , 6 0 9}$ | $\mathbf{5 , 7 4 9 , 2 5 3}$ | $\mathbf{4 \%}$ |
| Working Capital Allowance | $28,879,255$ | $26,009,103$ | $2,870,152$ | $10 \%$ |
| Total Rate Base | $\mathbf{1 6 5 , 5 0 1 , 1 1 8}$ | $\mathbf{1 5 6 , 8 8 1 , 7 1 3}$ | $\mathbf{8 , 6 1 9 , 4 0 5}$ | $\mathbf{5 \%}$ |

3 The 2016 Actual Rate Base was $\$ 165,501,118$ or $\$ 8,619,405$ or $5 \%$ higher than 2015 Actuals, to an increase in Power Supply Expenses.

| Particulars | 2015 Actual | 2014 Actual | Variance | $\%$ |
| :--- | ---: | ---: | ---: | ---: |
| Net Capital Assets in Service: |  |  |  |  |
| Opening Balance | $128,691,901$ | $123,370,244$ | $5,321,657$ |  |
| Ending Balance | $133,053,318$ | $128,691,901$ | $4 \%$ |  |
| Average Balance | $130,872,609$ | $\mathbf{1 2 6 , 0 3 1 , 0 7 2}$ | $\mathbf{4 , 3 6 1 , 4 1 7}$ | $\mathbf{4 , 8 4 1 , 5 3 7}$ |
| Working Capital Allowance | $26,009,103$ | $24,243,048$ | $1,766,055$ | $\mathbf{4 \%}$ |
| Total Rate Base | $\mathbf{1 5 6 , 8 8 1 , 7 1 3}$ | $\mathbf{1 5 0 , 2 7 4 , 1 2 0}$ | $\mathbf{6 , 6 0 7 , 5 9 2}$ | $\mathbf{7 \%}$ |

The 2015 Actual Rate Base of \$156,881,713 was \$6,607,592 or 4.0\% higher than 2014 Actuals.

11 The increase in Rate Base was mainly attributable to an increase in the average net capital assets in service and an increase in the Working Capital Allowance. Average net capital assets in service increased as a result of investments made in the distribution system. The Working Capital Allowance also increased due to an increase in Power Supply Expenses.

Table 2-11: 2014 Actual vs. 2014 Board Approved Proxy

| Particulars | 2014 Board <br> Approved Proxy | Variance | $\%$ |  |
| :--- | ---: | ---: | ---: | ---: |
| Net Capital Assets in Service: |  |  |  |  |
| Opening Balance | $123,370,244$ | $120,185,258$ | $3,184,986$ | $3 \%$ |
| Ending Balance | $128,691,901$ | $131,985,763$ | $(3,293,862)$ | $-3 \%$ |
| Average Balance | $\mathbf{1 2 6 , 0 3 1 , 0 7 2}$ | $\mathbf{1 2 6 , 0 8 5 , 5 1 1}$ | $(54,438)$ | $\mathbf{0 \%}$ |
| Working Capital Allowance | $24,243,048$ | $26,729,563$ | $(2,486,515)$ | $-10 \%$ |
| Total Rate Base | $\mathbf{1 5 0 , 2 7 4 , 1 2 0}$ | $\mathbf{1 5 2 , 8 1 5 , 0 7 3}$ | $\mathbf{( 2 , 5 4 0 , 9 5 3 )}$ | $\mathbf{- 2 \%}$ |

3 The 2014 Actual Rate Base of \$150,274,120 was \$2,540,953 or $2 \%$ lower than 2014 Board 4 Approved Proxy. The average net capital assets of $\$ 126,031,072$ were fairly consistent with the 52014 Board Approved Proxy of $\$ 126,085,519$. 2014 Actual Working Capital was $\$ 2,486,515$ 6 lower than the 2014 Board Approved Proxy, principally due to lower than expected Power Supply 7 Expenses (\$168,419,584 compared to \$182,757,274).

### 12.3 FIXED ASSET CONTINUITY SCHEDULES

2 Energy+ has completed the Fixed Asset Continuity Schedules (Board Appendix 2-BA) for the 32014 Actuals, 2015 Actuals, 2016 Actuals, 2017 Forecast, 2018 Bridge Year and 2019 Test Year.

4 These schedules present a continuity schedule of Energy+'s investment in capital assets, the 5 associated accumulated amortization, and the net book value for each Fixed Asset Account in 6 accordance with the Uniform Standard of Accounting ("USoA") account.

7 The total net capital assets in Energy+'s Fixed Asset Continuity Schedules do not balance to the 8 opening and closing balances of Net Assets used to calculate the fixed asset component of Rate 9 Base as Work in Progress ("WIP") is not included in the computation of Rate Base.

|  |  |  | Cost |  |  |  | Accumulated Depreciation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CCA Class | OEB Account | Description | Opening <br> Balance | Additions | Disposals | Closing Balance | Opening Balance | Additions | Disposals | Closing Balance | Net Book Value |
| 12 | 1611 | Computer Software (Formally known as Account | 2,034,696 | 1,362,426 | - | 3,397,122 | (613,532) | (746,850) | . | $(1,360,382)$ | 2,036,740 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) |  | - | - | - | - | - | - | - |  |
| N/A | 1805 | Land | 347,843 | - | - | 347,843 | - | - | - | - | 347,843 |
| 47 | 1808 | Buildings | 1,441,923 | 9,430 | - | 1,451,353 | $(34,673)$ | $(34,026)$ | - | $(68,699)$ | 1,382,654 |
| 13 | 1810 | Leasehold Improvements | - | - | - | - | - | - | - | - | - |
| 47 | 1815 | Transformer Station Equipment 250 kV | 8,950,555 | 385,942 | - | 9,336,497 | (421,725) | $(426,041)$ | - | (847,767) | 8,488,731 |
| 47 | 1820 | Distribution Station Equipment $\angle 50 \mathrm{kV}$ | (0) | . | - | (0) | - | - | . | - | (0) |
| 47 | 1825 | Storage Battery Equipment | - | - | - | - | - | - | - | - | - |
| 47 | 1830 | Poles, Towers \& Fixtures | 23,744,671 | 3,614,591 | $(373,498)$ | 26,985,763 | $(43,601)$ | (727,444) | 204,866 | (566,179) | 26,419,584 |
| 47 | 1835 | Overhead Conductors \& Devices | 26,569,653 | 2,801,781 | - | 29,371,434 | (400,260) | (773,213) | . | $(1,173,473)$ | 28,197,961 |
| 47 | 1840 | Underground Conduit | 15,298,983 | 1,322,950 | - | 16,621,933 | $(218,535)$ | (237,821) | - | $(456,356)$ | 16,165,577 |
| 47 | 1845 | Underground Conductors \& Devices | 23,568,030 | 2,314,666 | - | 25,882,696 | $(527,283)$ | (602,471) | - | $(1,129,754)$ | 24,752,942 |
| 47 | 1850 | Line Transformers | 27,787,745 | 2,460,360 | (860,274) | 29,387,831 | $(101,845)$ | (805,421) | 721,624 | (185,642) | 29,202,189 |
| 47 | 1855 | Services (Overhead \& Underground) | 1,439,942 | 71,241 | - | 1,511,183 | $(49,653)$ | (51,034) | - | $(100,687)$ | 1,410,497 |
| 47 |  | Meters | - | - | - | - | - | - | - | - | - |
| 47 | 1860 | Meters (Smart Meters) | 9,596,187 | 242,967 | $(46,856)$ | 9,792,298 | (786,931) | (888,959) | 16,848 | (1,659,042) | 8,133,256 |
| N/A | 1905 | Land | 301,592 | - | - | 301,592 | - | - | - | - | 301,592 |
| 47 | 1908 | Buildings \& Fixtures | 2,513,509 | 90,179 | - | 2,603,688 | $(184,100)$ | (178,174) | - | (362,275) | 2,241,413 |
| 13 | 1910 | Leasehold Improvements | - | 24,525 | - | 24,525 | - | $(8,674)$ | - | $(8,674)$ | 15,851 |
| 8 |  | Office Furniture \& Equipment (10 years) | - | - | - | - | - | - | - | - | - |
| 8 | 1915 | Office Furniture \& Equipment (5 years) | 357,481 | 107,443 | - | 464,923 | $(44,658)$ | (50,954) | - | (95,612) | 369,311 |
| 10 |  | Computer Equipment - Hardware | - | - | - | - | - | - | - | - | - |
| 45 |  | Computer Equip.-Hardware(Post Mar. 22/04) | . | - | - | - | - | - | - | $\cdot$ | - |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | 1,324,165 | 227,887 | (13,932) | 1,538,120 | (524,338) | $(468,079)$ | 13,932 | (978,485) | 559,635 |
| 10 | 1930 | Transportation Equipment | 2,795,641 | 596,194 | (522,587) | 2,870,248 | $(119,809)$ | $(417,100)$ | 521,587 | $(15,323)$ | 2,854,925 |
| 8 | 1935 | Stores Equipment | 774 | 14,625 | - | 15,399 | (516) | (989) | - | $(1,505)$ | 13,894 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | 780,674 | 66,211 | $(343,008)$ | 503,877 | (169,745) | $(87,348)$ | 161,985 | $(95,108)$ | 408,769 |
| 8 | 1945 | Measurement \& Testing Equipment | 11,161 | - | - | 11,161 | $(3,306)$ | $(11,306)$ | - | (14,613) | $(3,451)$ |
| 8 | 1950 | Power Operated Equipment | 12,750 | - | - | 12,750 | $(1,672)$ | $(2,946)$ | - | $(4,618)$ | 8,132 |
| 8 |  | Communications Equipment | - | - | - | - | - | - | - | - | - |
| 8 | 1955 | Communication Equipment (Smart Meters) | 512 | - | - | 512 | (338) | $(8,558)$ | - | $(8,396)$ | $(7,884)$ |
| 8 | 1960 | Miscellaneous Equipment | 107,425 | 179 | 197,293 | 304,897 | 21,146 | $(103,677)$ | (142,963) | (225,494) | 79,403 |
| 47 | 1970 | Load Management Controls Customer Premises | - | - | - | - | - | - | . | - | - |
| 47 | 1975 | Load Management Controls Utility Premises | - | - | - | - | - | - | - | - | - |
| 47 | 1980 | System Supervisor Equipment | - | - | - | - | - | - | - | - | - |
| 47 | 1985 | Miscellaneous fixed Assets | - | - | - | - | - | . | . | - | - |
| 47 | 1990 | Other Tangible Property | - | - | - | - | - | - | - | - | - |
| 47 | 1995 | Contributions \& Grants | (16,170,412) | - | - | $(16,170,412)$ | 483,917 | 508,037 | - | 991,954 | (15,178,458) |
| 0 | 2005 | Property Under Finance Leases | - | - | - | - | - | . | - | - | - |
| 0 | 2010 | Electric Plant Purchased or Sold | 26,668 | $\cdot$ | - | 26,668 | $(1,213)$ | (1,212) | - | $(2,425)$ | 24,243 |
| 47 | 2440 | Deferred Revenue5 | (756,147) | $(4,496,481)$ | - | $(5,252,627)$ | 10,327 | 70,270 | - | 80,597 | (5,172,030) |
|  |  |  | - | - | - | - | - | - | - | - | - |
|  |  | Sub-Total | 132,086,023 | 11,217,114 | (1,961,862) | 141,341,275 | $(3,732,344)$ | (6,053,491) | 1,997,879 | $(8,287,957)$ | 133,053,318 |
|  |  | Less Socialized Renewable Energy Generation Iny | - | - | - | - | - | - | - | - | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (in, | - | - | - | - | - | - | - | - | - |
|  |  | Total PP\&E | 132,086,023 | 11,217,114 | $(1,961,862)$ | 141,341,275 | $(3,732,344)$ | (6,053,491) | 1,997,879 | $(8,287,957)$ | 133,053,318 |
|  |  | Depreciation Expense adj. from gain or loss on th | - | - | - | - | - | - | - | - | - |
|  |  |  |  |  |  |  | $(3,732,344)$ | (6,053,491) | - | - | - |
| WIP | 2055 | Construction WIP | 1,752,989 | 2,155,906 | - | 3,908,994 | - | - | - | - | 3,908,994 |
|  |  | Total after Work in Process | 133,839,011 | 13,373,020 | (1,961,862) | 145,250,169 | $(3,732,344)$ | (6,053,491) | 1,497,879 | $(8,287,957)$ | 136,962,212 |
| Von-Regulator | 2075 | Non Rate-Regulated Utility Property Owned or U | - | - | 145,715 | 145,715 | - | $(45,022)$ | - | $(45,022)$ | 100,693 |
|  | 2070 | Assets Not In Use | - | - | - | - | - | - | - | - | - |
|  |  | Total after Non Regulatory Assets | 133,839,011 | 13,373,020 | $(1,816,147)$ | 145,395,884 | $(3,732,344)$ | $(6,098,513)$ | 1,497,879 | $(8,332,979)$ | 137,062,905 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  | Transportation |  |  |  |  | Less: Fully Allocated Dep | Iation | - |  |  |
| 8 |  | Stores Equipment |  |  |  |  | Transportation |  | $(417,100)$ |  |  |
|  |  |  |  |  |  |  | Stores Equipment |  | $(24,519)$ |  |  |
|  |  |  |  |  |  |  | Removal Costs |  | 457,428 |  |  |
|  |  |  |  |  |  |  | Miscellaneous Adjustme |  | $(26,639)$ |  |  |
|  |  |  |  |  |  |  | Net Depreciation |  | $(6,042,661)$ |  |  |

Table 2-14: Fixed Asset Continuity Schedule as at December 31, 2016, MIFRS

|  | CCA Class | OEB | Description | Cost |  |  |  | Accumulated Depreciation |  |  |  | Net Book Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Opening Balance | Additions | Disposals | Closing Balance | Opening Balance | Additions | Disposals | Closing Balance |  |
|  | 12 | 1611 | Computer Software (Formally known as Account | 3,397,122 | 1,069,386 | - | 4,466,508 | $(1,360,382)$ | (839,876) | - | $(2,200,258)$ | 2,266,250 |
|  | CEC | 1612 | Land Rights (Formally known as Account 1906) | - | - | - | - | - | - | - | - | - |
|  | N/A | 1805 | Land | 347,843 | - | - | 347,843 | - | - | - | - | 347,843 |
|  | 47 | 1808 | Buildings | 1,451,353 | 20 | - | 1,451,373 | $(68,699)$ | $(30,957)$ | - | $(9,656)$ | 1,351,717 |
|  | 13 | 1810 | Leasehold Improvements | $\cdot$ | - | - | - | - | - | - | - | - |
|  | 47 | 1815 | Transformer Station Equipment 250 kV | 9,336,497 | 61,985 | - | 9,398,482 | $(847,767)$ | $(433,366)$ | - | $(1,281,133)$ | 8,117,349 |
|  | 47 | 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | (0) | . | . | (0) | - | - | - | - | - |
|  | 47 | 1825 | Storage Battery Equipment | - | - | - | - | - | - | $\cdot$ | - | - |
|  | 47 | 1830 | Poles, Towers \& Fixtures | 26,985,763 | 4,001,764 | (274,992) | 30,712,535 | (566,179) | (454,414) | 166,217 | (854,376) | 29,858,159 |
|  | 47 | 1835 | Overhead Conductors \& Devices | 29,371,434 | 3,652,752 | . | 33,024,186 | $(1,173,473)$ | $(815,866)$ | - | $(1,889,339)$ | 31,034,847 |
|  | 47 | 1840 | Underground Conduit | 16,621,933 | 1,641,358 | - | 18,263,291 | $(456,356)$ | (233,373) | - | $(689,728)$ | 17,573,563 |
|  | 47 | 1845 | Underground Conductors \& Devices | 25,882,696 | 2,241,115 | - | 28,123,812 | $(1,129,754)$ | (611,390) | - | $(1,741,444)$ | 26,382,667 |
|  | 47 | 1850 | Line Transformers | 29,387,831 | 2,420,999 | (664,824) | 31,144,006 | $(185,642)$ | $(695,098)$ | 489,310 | $(391,430)$ | 30,75, 276 |
|  | 47 | 1855 | Services (Overhead \& Underground) | 1,511,183 | - | - | 1,511,183 | $(100,687)$ | $(8,452)$ | - | $(109,139)$ | 1,402,045 |
|  | 47 |  | Meters | - | - | - | - | - | - | - | - | - |
|  | 47 | 1860 | Meters (Smart Meters) | 9,792,298 | 266,979 | (104,163) | 9,955,114 | (1,659,042) | (1,114,882) | 32,009 | (2,742,015) | 7,213,100 |
|  | N/A | 1905 | Land | 301,592 | . | (169) | 301,423 | - | - | - | - | 301,423 |
|  | 47 | 1908 | Buildings \& Fixtures | 2,603,688 | 26,750 | - | 2,630,438 | $(362,275)$ | (204,937) | - | (567,212) | 2,063,226 |
|  | 13 | 1910 | Leasehold Improvements | 24,525 | - | - | 24,525 | $(8,674)$ | $(15,851)$ | - | (24,525) | - |
|  | 8 |  | Office Furniture \& Equipment (10 years) | - | - | - | - | - | - | - | - | - |
|  | 8 | 1915 | Office Furniture \& Equipment (5years) | 464,923 | 31,289 | - | 496,213 | (95,612) | $(60,456)$ | - | $(156,068)$ | 340,144 |
|  | 10 |  | Computer Equipment - Hardware | - | - | - | - | - | - | - | - | - |
|  | 45 |  | Computer Equip. Hardware(Post Mar. 22/04) | - | - | - | - | - | - | - | - | - |
|  | 45.1 | 1920 | Computer Equip. Hardware(Post Mar. 19/07) | 1,538,120 | 191,364 | (35,922) | 1,693,562 | (978,485) | (370,475) | 35,922 | (1,313,038) | 380,524 |
|  | 10 | 1930 | Transportation Equipment | 2,870,248 | 417,159 | $(118,115)$ | 3,169,292 | $(15,323)$ | $(335,578)$ | 103,991 | $(246,910)$ | 2,922,382 |
|  | 8 | 1935 | Stores Equipment | 15,399 | - | . | 15,399 | $(1,505)$ | $(1,463)$ | - | $(2,968)$ | 12,431 |
|  | 8 | 1940 | Tools, Shop \& Garage Equipment | 503,877 | 87,827 | - | 591,704 | $(95,108)$ | (112,984) | - | (208,092) | 383,612 |
|  | 8 | 1945 | Measurement \& Testing Equipment | 11,161 | - | - | 11,161 | $(14,613)$ | 3,553 | - | $(11,059)$ | 102 |
|  | 8 | 1950 | Power Operated Equipment | 12,750 | - | - | 12,750 | $(4,618)$ | (1,768) | - | $(6,387)$ | 6,363 |
|  | 8 |  | Communications Equipment | - | - | - | - | - | - | - | - | - |
|  | 8 | 1955 | Communication Equipment (Smart Meters) | 512 | - | - | 512 | $(8,396)$ | 7,884 | - | (512) | 0 |
|  | 8 | 1960 | Miscellaneous Equipment | 304,897 | - | - | 304,897 | $(225,494)$ | (8,568) | - | (234,062) | 70,835 |
|  | 47 | 1970 | Load Management Controls Customer Premises | - | - | - | - | - | - | - | - | - |
|  | 47 | 1975 | Load Management Controls Utility Premises | - | - | - | - | - | - | - | - | - |
|  | 47 | 1980 | System Supervisor Equipment | - | - | . | - | - | - | - | - | - |
|  | 47 | 1985 | Miscellaneous Fixed Assets | - | - | - | - | - | - | - | - | - |
|  | 47 | 1990 | Other Tangible Property | - | - | - | - | - | - | - | - | - |
|  | 47 | 1995 | Contributions \& Grants | (16,170,412) | 63,478 | - | $(16,106,934)$ | 991,954 | 376,445 | - | 1,368,399 | (14,738,535) |
|  |  | 2005 | Property Under Finance Leases | - | - | - | - | - | . | - | - | - |
|  |  | 2010 | Electric Plant Purchased or Sold | 26,668 | - | $(26,668)$ | (0) | $(2,425)$ | - | 2,425 | (0) | (0) |
|  | 47 | 2440 | Deferred Revenue5 | (5,252,627) | (2,826,535) | - | (8,079,162) | 80,597 | 146,349 | - | 226,946 | $(7,852,216)$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | Sub-Total | 141,341,275 | 13,347,691 | (1,224,853) | 153,464,113 | $(8,287,957)$ | (5,815,622) | 829,873 | (13,273,706) | 140,190,408 |
|  |  |  | Less Socialized Renewable Energy Generation In. | - | . | - | - | - | - | . | - | - |
|  |  |  | Less Other Non Rate-Regulated Utility Assets (ing | - | - | - | - | - | - | $\cdot$ | - | - |
|  |  |  | Total PP\&E | 141,341,275 | 13,347,691 | (1,224,853) | 153,464,113 | $(8,287,957)$ | (5,815,622) | 829,873 | (13,273,706) | 140,190,408 |
|  |  |  | Depreciation Expense adj. from gain or loss on th | . | . | - | - | - | - | - | - | - |
|  |  |  | Total | $\cdot$ | $\cdot$ | - | - | $(8,287,957)$ | (5,815,622) | 829,873 | $(13,273,706)$ | 140,190,408 |
|  | WIP | 2055 | Construction WIP | 3,908,894 | 72,327 | - | 3,981,221 | - | - | - | - | 3,981,221 |
|  |  |  | Total after Work in Process | 145,250,169 | 13,420,018 | (1,224,853) | 157,45,,334 | $(8,287,957)$ | (5,815,622) | 829,873 | (13,273,706) | 144,171,629 |
|  | Von-Regulator | 2075 | Non Rate-Regulated Utility Property Owned or Uf | 145,715 | - | - | 145,715 | (45,022) | 7,857 | - | $(37,165)$ | 108,550 |
|  |  | 2070 | Assets Not In Use | - | - | - | - | - | - | - | - | - |
|  |  |  | Total after Non Regulatory Assets | 145,395,884 | 13,420,018 | $(1,224,853)$ | 157,591,049 | $(8,332,979)$ | (5,807,765) | 829,873 | (13,310,871) | 144,280,179 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10 | 0 | Transportation |  |  |  |  | Less: Fully Allocated Depr | ation | - |  |  |
|  | 8 | 0 | Stores Equipment |  |  |  |  | Transportation |  | $(335,578)$ |  |  |
|  |  |  |  |  |  |  |  | Stores Equipment |  | - |  |  |
|  |  |  |  |  |  |  |  | Removal Costs |  | 511,155 |  |  |
|  |  |  |  |  |  |  |  | Deferred Revenue incl. in | her Revenue | 146,349 |  |  |
|  |  |  |  |  |  |  |  | Conversion Adjustments |  | $(23,387)$ |  |  |
| 2 |  |  |  |  |  |  |  | Net Depreciation |  | $(6,114,161)$ |  |  |

3 Table 2-15: Fixed Asset Continuity Schedule as at December 31, 2017 Forecast, MIFRS

|  |  |  | Cost |  |  |  | Accumulated Depreciation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CCA Class | OEB | Description | Opening Balance |  | Disposals | Closing Balance | Opening Balance | Additions | Disposals | Closing Balance | Net Book Value |
| 12 | 1611 | Computer Software (Formally known as Account | 4,466,508 | 603,006 | - | 5,069,514 | $(2,200,258)$ | $(701,000)$ | - | $(2,901,258)$ | 2,168,256 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | - | - | - | - | - | . | - | - | - |
| N/A | 1805 | Land | 347,843 | - | - | 347,843 | - | - | - | - | 347,843 |
| 47 | 1808 | Buildings | 1,451,373 | - | - | 1,451,373 | $(99,656)$ | $(20,000)$ | - | $(119,656)$ | 1,331,717 |
| 13 | 1810 | Leasehold Improvements | - | - | - | - | - | . | - | - | - |
| 47 | 1815 | Transformer Station Equipment >50 kV | 9,398,482 | - | - | 9,398,482 | $(1,281,133)$ | $(283,000)$ | - | $(1,564,133)$ | 7,834,349 |
| 47 | 1820 | Distribution Station Equipment <50 kV | - | - | - | - | - | - | - | - | - |
| 47 | 1825 | Storage Battery Equipment | - | - | - | - | - | - | - | - | - |
| 47 | 1830 | Poles, Towers \& Fixtures | 30,712,535 | 1,924,298 | (241,710) | 32,395,123 | (854,376) | $(694,000)$ | 129,235 | $(1,419,141)$ | 30,975,982 |
| 47 | 1835 | Overhead Conductors \& Devices | 33,024,186 | 4,360,352 | - | 37,384,538 | $(1,989,339)$ | $(995,000)$ | - | $(2,984,339)$ | 34,400,199 |
| 47 | 1840 | Underground Conduit | 18,263,291 | 2,159,645 | - | 20,422,936 | $(689,728)$ | $(290,000)$ | $\cdot$ | (979,728) | 19,443,208 |
| 47 | 1845 | Underground Conductors \& Devices | 28,123,812 | 3,044,319 | - | 31,168,131 | $(1,741,144)$ | $(736,000)$ | - | $(2,477,144)$ | 28,690,986 |
| 47 | 1850 | Line Transformers | 31,144,006 | 2,504,142 | $(647,775)$ | 33,000,373 | $(391,430)$ | $(888,000)$ | 437,059 | $(842,371)$ | 32,158,002 |
| 47 | 1855 | Services (Overhead \& Underground) | 1,511,183 | - | - | 1,511,183 | $(109,139)$ | $(42,000)$ | - | $(151,139)$ | 1,360,045 |
| 47 | 1860 | Meters | - | - | - | - | - | - | - | - | - |
| 47 |  | Meters (Smart Meters) | 9,955,114 | 780,488 | (271,370) | 10,464,232 | $(2,742,015)$ | $(811,000)$ | 128,637 | $(3,424,378)$ | 7,039,855 |
| N/A | 1905 | Land | 301,423 | - | - | 301,423 | - | - | - | - | 301,423 |
| 47 | 1908 | Buildings \& Fixtures | 2,630,438 | 110,965 | - | 2,741,403 | $(567,212)$ | $(160,000)$ | - | $(727,212)$ | 2,014,191 |
| 13 | 1910 | Leasehold Improvements | 24,525 | - | - | 24,525 | $(24,525)$ | - | - | $(24,525)$ | - |
| 8 | 1915 | Office Furniture \& Equipment (10years) | - | - | - | - | - | - | - | - | - |
| 8 | 1915 | Office Furniture \& Equipment (5 years) | 496,213 | 49,537 | - | 545,750 | $(156,068)$ | $(56,000)$ | - | $(212,068)$ | 333,681 |
| 10 |  | Computer Equipment - Hardware | . | - | - | - | - | . | - | - | - |
| 45 |  | Computer Equip.-Hardware(Post Mar. 22/04) | - | - | - | - | - | - | - | - | - |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | 1,693,562 | 342,966 | - | 2,036,528 | $(1,313,038)$ | $(384,000)$ | - | $(1,697,038)$ | 339,490 |
| 10 | 1930 | Transportation Equipment | 3,169,292 | 359,000 | - | 3,528,292 | $(246,910)$ | $(461,000)$ | - | $(707,910)$ | 2,820,382 |
| 8 | 1935 | Stores Equipment | 15,399 | - | - | 15,399 | $(2,968)$ | $(1,000)$ | - | $(3,968)$ | 11,431 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | 591,704 | 159,500 | - | 751,204 | (208,092) | $(94,000)$ | - | $(302,092)$ | 449,112 |
| 8 | 1945 | Measurement \& Testing Equipment | 11,161 | - | - | 11,161 | $(11,059)$ | - | - | $(11,059)$ | 102 |
| 8 | 1950 | Power Operated Equipment | 12,750 | - | - | 12,750 | $(6,387)$ | $(3,000)$ | - | $(9,387)$ | 3,363 |
| 8 |  | Communications Equipment | - | - | - | - | - | . | - | - | - |
| 8 | 1955 | Communication Equipment (Smart Meters) | 512 | - | - | 512 | (512) | - | - | (512) | - |
| 8 | 1960 | Miscellaneous Equipment | 304,897 | - | - | 304,897 | $(234,062)$ | $(66,000)$ | - | $(300,062)$ | 4,835 |
| 47 | 1970 | Load Management Controls Customer Premises | - | - | - | - | - | - | $\cdot$ | - | - |
| 47 | 1975 | Load Management Controls Utility Premises | $\cdot$ | - | - | - | - | $\cdot$ | - | - | - |
| 47 | 1980 | System Supervisor Equipment | - | - | - | - | - | - | - | - | - |
| 47 | 1985 | Miscellaneous Fixed Assets | $\cdot$ | $\cdot$ | - | - | - | - | - | - | - |
| 47 | 1990 | Other Tangible Property | - | - | - | - | - | - | - | $\cdot$ | - |
| 47 | 1995 | Contributions \& Grants | $(16,106,934)$ | - | - | $(16,106,934)$ | 1,368,399 | 417,000 | - | 1,785,399 | (14,321,535) |
|  | 2005 | Property Under Finance Leases | - | $\checkmark$ | - | - | - | - | - | - | - |
|  | 2010 | Electric Plant Purchased or Sold | - | - | - | - | - | - | - | - | - |
| 47 | 2440 | Deferred Revenue5 | $(8,079,162)$ | $(1,182,000)$ | - | $(9,261,162)$ | 226,946 | 189,000 | $\cdot$ | 415,946 | $(8,845,216)$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Sub-Total | 153,464,114 | 15,216,218 | $(1,160,855)$ | 167,519,477 | $(13,273,706)$ | $(6,079,000)$ | 694,931 | (18,657,775) | 148,861,702 |
|  |  | Less Socialized Renewable Energy Generation Iny | - | - | - | - | - | - | . | - | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (ing | - | - | - | - | - | - | - | - | - - |
|  |  | Total PP\&E | 153,464,114 | 15,216,218 | $(1,160,855)$ | 167,519,477 | $(13,273,706)$ | $(6,079,000)$ | 694,931 | (18,657,775) | 148,861,702 |
|  |  | Depreciation Expense adj. from gain or loss on th | - | - | - | - | - | - | - | - | - - |
|  |  | Total |  |  |  |  | $(13,273,706)$ | $(6,079,000)$ | $\cdot$ | $\cdot$ | $\cdot$ |
| WIP | 2055 | Construction WIP | 3,981,221 | - | - | 3,981,221 | - | - | - | - | 3,981,221 |
|  |  | Total after Work in Process | 157,445,335 | 15,216,218 | $(1,160,855)$ | 171,500,698 | $(13,273,706)$ | $(6,079,000)$ | 694,931 | $(18,657,775)$ | 152,842,923 |
| Von-Regulator | 2075 | Non Rate-Regulated Utility Property Owned or U, | 145,715 | - | - | 145,715 | $(37,165)$ | - | - | $(37,165)$ | 108,550 |
|  | 2070 | Assets Not In Use | - | 200,000 | - | 200,000 | - | - | - | - | 200,000 |
|  |  | Total after Non Regulatory Assets | 157,591,050 | 15,416,218 | $(1,160,855)$ | 171,846,413 | $(13,310,871)$ | $(6,079,000)$ | 694,931 | (18,694,940) | 153,151,473 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Less: Fully Allocated Depr |  | $\checkmark$ |  |  |
| 10 |  | Transportation |  |  |  |  | Transportation |  | $(461,000)$ |  |  |
| 8 |  | Stores Equipment |  |  |  |  | Stores Equipment |  | - |  |  |
|  |  |  |  |  |  |  | Removal Costs |  | 568,000 |  |  |
|  |  |  |  |  |  |  | Deferred Revenue incl. in | er Revenue | 189,000 |  |  |
|  |  |  |  |  |  |  | Miscellaneous Adjustmen |  | - |  |  |
|  |  |  |  |  |  |  | Net Depreciation |  | $(6,375,000)$ |  |  |

## 1

```
Net Depreciation
\((6,375,000)\)
```

1 Table 2-16: Fixed Asset Continuity Schedule as at December 31, 2018 Bridge, MIFRS

|  |  |  | Cost |  |  |  | Accumulated Depreciation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CCA Class | OEB | Description | Opening <br> Balance | Additions | Disposals | Closing Balance | Opening Balance | Additions | Disposals | Closing Balance | Net Book Value |
| 12 | 1611 | Computer Software (Formally known as Account | 5,069,514 | 612,200 | - | 5,681,714 | $(2,901,258)$ | $(766,258)$ | - | $(3,667,516)$ | 2,014,198 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | - | - | - | - | - | - | - | - | - |
| N/A | 1805 | Land | 347,843 | - | $\cdot$ | 347,843 | - | - | - | - | 347,843 |
| 47 | 1808 | Buildings | 1,451,373 | - | - | 1,451,373 | $(119,656)$ | $(32,798)$ | - | $(152,454)$ | 1,298,919 |
| 13 | 1810 | Leasehold Improvements | - | $\cdot$ | $\cdot$ | - | - | - | - | - | - |
| 47 | 1815 | Transformer Station Equipment >50 kV | 9,398,482 | 35,000 | - | 9,433,482 | $(1,564,133)$ | $(267,755)$ | - | $(1,831,888)$ | 7,601,594 |
| 47 | 1820 | Distribution Station Equipment <50 kV | - | - | - | - | - | - | - | - | . |
| 47 | 1825 | Storage Battery Equipment | - | - | - | - | - | - | - | - | - |
| 47 | 1830 | Poles, Towers \& Fixtures | 32,395,123 | 3,106,118 | $(250,000)$ | 35,251,241 | $(1,419,141)$ | (818,619) | 175,000 | $(2,062,760)$ | 33,188,481 |
| 47 | 1835 | Overhead Conductors \& Devices | 37,384,538 | 3,617,082 | - | 41,001,620 | $(2,984,339)$ | $(1,061,136)$ | - | $(4,045,475)$ | 36,956,145 |
| 47 | 1840 | Underground Conduit | 20,422,936 | 1,285,479 | - | 21,708,415 | (979,728) | (297,714) | - | $(1,277,442)$ | 20,430,973 |
| 47 | 1845 | Underground Conductors \& Devices | 31,168,131 | 1,812,061 | - | 32,980,192 | $(2,477,144)$ | $(762,717)$ | - | $(3,239,861)$ | 29,740,331 |
| 47 | 1850 | Line Transformers | 33,000,373 | 1,891,075 | $(450,000)$ | 34,441,448 | $(842,371)$ | $(941,504)$ | 315,000 | $(1,468,875)$ | 32,972,573 |
| 47 | 1855 | Services (Overhead \& Underground) | 1,511,183 | - | - | 1,511,183 | $(151,139)$ | $(42,514)$ | - | $(193,653)$ | 1,317,531 |
| 47 | 1860 | Meters | - | - | - | - | - | - | - | - | - |
| 47 |  | Meters (Smart Meters) | 10,464,232 | 824,242 | $(300,000)$ | 10,988,474 | $(3,424,378)$ | $(852,257)$ | 210,000 | $(4,066,635)$ | 6,921,840 |
| N/A | 1905 | Land | 301,423 | - | $(87,795)$ | 213,628 | - | - | - | - | 213,628 |
| 47 | 1908 | Buildings \& Fixtures | 2,741,403 | 14,500 | $(544,100)$ | 2,211,803 | $(727,212)$ | $(167,005)$ | 273,198 | $(621,019)$ | 1,590,784 |
| 13 | 1910 | Leasehold Improvements | 24,525 | - | - | 24,525 | $(24,525)$ | - | - | $(24,525)$ | - |
| 8 | 1915 | Office Furniture \& Equipment (10years) | - | - | - | - | - | - | - | - | - |
| 8 | 1915 | Office Furniture \& Equipment (5 years) | 545,750 | 9,200 | - | 554,950 | $(212,068)$ | $(59,933)$ | - | $(272,001)$ | 282,948 |
| 10 |  | Computer Equipment - Hardware | - | - | - | - | - | - | - | - | - |
| 45 |  | Computer Equip.-Hardware(Post Mar. 22/04) | $\cdot$ | - | - | - | - | - | - | - | - |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | 2,036,528 | 211,700 | - | 2,248,228 | $(1,697,038)$ | $(253,071)$ | - | $(1,950,109)$ | 298,119 |
| 10 | 1930 | Transportation Equipment | 3,528,292 | 100,000 | - | 3,628,292 | $(707,910)$ | $(460,451)$ | - | $(1,168,361)$ | 2,459,931 |
| 8 | 1935 | Stores Equipment | 15,399 | - | $\cdot$ | 15,399 | $(3,968)$ | $(1,463)$ | - | $(5,431)$ | 9,968 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | 751,204 | 108,500 | - | 859,704 | $(302,092)$ | $(9,093)$ | - | $(401,185)$ | 458,519 |
| 8 | 1945 | Measurement \& Testing Equipment | 11,161 | - | - | 11,161 | $(11,059)$ | - | - | $(11,059)$ | 102 |
| 8 | 1950 | Power Operated Equipment | 12,750 | $\cdot$ | - | 12,750 | $(9,887)$ | $(2,549)$ | - | $(11,936)$ | 814 |
| 8 |  | Communications Equipment | - | - | - | - | - | - | - | - | - |
| 8 | 1955 | Communication Equipment (Smart Meters) | 512 | - | - | 512 | (512) | - | - | (512) | 0 |
| 8 | 1960 | Miscellaneous Equipment | 304,897 | - | - | 304,897 | $(300,062)$ | (501) | - | $(300,563)$ | 4,334 |
| 47 | 1970 | Load Management Controls Customer Premises | - | - | - | - | - | - | $\cdot$ | - | - |
| 47 | 1975 | Load Management Controls Utility Premises | $\cdot$ | $\cdot$ | - | - | - | - | - | - | - |
| 47 | 1980 | System Supervisor Equipment | $\cdot$ | - | - | - | $\cdot$ | - | - | - | - |
| 47 | 1985 | Miscellaneous Fixed Assets | - | - | - | - | - | - | - | - | - |
| 47 | 1990 | Other Tangible Property | - | - | - | - | - | - | - | - | - |
| 47 | 1995 | Contributions \& Grants | $(16,106,934)$ | - | - | $(16,106,934)$ | 1,785,399 | 435,509 | - | 2,220,908 | $(13,886,026)$ |
| 0 | 2005 | Property Under Finance Leases | - | - | - | - | - | - | - | - | - |
| 0 | 2010 | Electric Plant Purchased or Sold | $\cdot$ | $\cdot$ | - | - | $\cdot$ | $\cdot$ | - | - | - |
| 47 | 2440 | Deferred Revenue5 | $(9,261,162)$ | $(2,132,910)$ | - | (11,394,072) | 415,946 | 203,765 | - | 619,711 | $(10,774,361)$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Sub-Total | 167,519,477 | 11,494,247 | $(1,631,895)$ | 177,381,829 | $(18,657,775)$ | $(6,248,064)$ | 973,198 | $(23,932,640)$ | 153,449,188 |
|  |  | Less Socialized Renewable Energy Generation Iny | - | - | - | - | - | - | - | - | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (in\% | - | - | - | - | - | - | - | - | - |
|  |  | Total PP\&E | 167,519,477 | 11,494,247 | $(1,631,895)$ | 177,381,829 | $(18,657,775)$ | $(6,248,064)$ | 973,198 | $(23,932,640)$ | 153,449,188 |
|  |  | Depreciation Expense adj. from gain or loss on th | - | - | - | - | - | - | - | - | - |
|  |  | Total | $\cdot$ | $\cdot$ | $\cdot$ | $\cdot$ | $(18,657,775)$ | $(6,248,064)$ | $\cdot$ | - | - |
| WIP | 2055 | Construction WIP | 3,981,221 | - | - | 3,981,221 | - | - | - | - | 3,981,221 |
|  |  | Total after Work in Process | 171,500,698 | 11,494,247 | $(1,631,895)$ | 181,363,050 | $(18,657,775)$ | $(6,248,064)$ | 973,198 | $(23,932,640)$ | 157,430,409 |
| Non-Regulator | 2075 | Non Rate-Regulated Utility Property Owned or U., | 145,715 | - | - | 145,715 | $(37,165)$ | - | . | $(37,165)$ | 108,550 |
|  | 2070 | Assets Not In Use | 200,000 | 2,026,000 | - | 2,226,000 | - | - | - | - | 2,226,000 |
|  |  | Total after Non Regulatory Assets | 171,846,413 | 13,520,247 | $(1,631,895)$ | 183,734,765 | $(18,694,940)$ | $(6,248,064)$ | 973,198 | $(23,969,805)$ | 159,764,959 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Less: Fully Allocated Depr |  | - |  |  |
| 10 | 0 | Transportation |  |  |  |  | Transportation |  | $(460,451)$ |  |  |
| 8 | 0 | Stores Equipment |  |  |  |  | Stores Equipment |  | - |  |  |
|  |  |  |  |  |  |  | Removal Costs |  | 316,160 |  |  |
|  |  |  |  |  |  |  | Deferred Revenue incl. in | er Revenue | 203,765 |  |  |
|  |  |  |  |  |  |  | Miscellaneous Adjustmen |  | - |  |  |
|  |  |  |  |  |  |  | Net Depreciation |  | (6,307,538) |  |  |

1 Table 2-17: Fixed Asset Continuity Schedule as at December 31, 2019 Test Year, MIFRS

|  |  |  | Cost |  |  |  | Accumulated Depreciation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CCAClass | OEB | Description | Opening Balance | Additions | Disposals | Closing Balance | Opening Balance | Additions | Disposals | Closing Balance | Net Book Value |
| 12 | 1611 | Computer Software (Formally known as Account\| | 5,681,714 | 526,500 | - | 6,208,214 | $(3,667,516)$ | (813,708) | - | $(4,481,224)$ | 1,726,990 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | - | - | - | - | - | . | - | - | - |
| N/A | 1805 | Land | 347,843 | - | . | 347,843 | . |  | - | - | 347,843 |
| 47 | 1808 | Buildings | 1,451,373 | - | - | 1,451,373 | (152,454) | (32,78) | - | (185,252) | 1,266,121 |
| 13 | 1810 | Leasehold Improvements | - | - | - | - | - | . | - | - | - |
| 47 | 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ | 9,433,482 | 55,00 | - | 9,488,482 | (1,831,888) | (268,828) | - | $(2,100,716)$ | 7,387,766 |
| 47 | 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | - | - | . | - | - | - | - | - | - |
| 47 | 1825 | Storage Battery Equipment | - | - | . | - | - | - | - | - | - |
| 47 | 1830 | Poles, Towers \& Fixures | 35,251,241 | 2,407,644 | (250,000) | 37,408,885 | (2,062,760) | (884,662) | 175,000 | (2,772,422) | 34,636,463 |
| 47 | 1835 | Overhead Conductors \& Devices | 41,001,620 | 2,803,706 | - | 43,805,326 | (4,045,475) | $(1,148,256)$ | - | (5,193,731) | 38,611,595 |
| 47 | 1840 | Underground Conduit | 21,708,415 | 1,452,741 | - | 23,161,156 | $(1,277,442)$ | $(315,267)$ | . | (1,592,709) | 21,568,477 |
| 47 | 1845 | Underground Conductors \& Devices | 32,980,192 | 2,047,840 | - | 35,028,032 | $(3,239,861)$ | $(807,234)$ | - | $(4,047,095)$ | 30,980,937 |
| 47 | 1850 | Line Transformers | 34,441,448 | 2,025,885 | (450,000) | 36,017,333 | $(1,468,875)$ | (985,261) | 315,000 | $(2,139,135)$ | 33,878,198 |
| 47 | 1855 | Services (Overhead \& Underground) | 1,511,183 | - | - | 1,511,183 | $(193,653)$ | $(42,514)$ | - | (236,167) | 1,275,017 |
| 47 | 1860 | Meters | - | - | - | - | - | - | - | - | - |
| 47 | 1860 | Meters (Smart Meters) | 10,988,474 | 751,092 | (1,730,782) | 10,008,784 | $(4,066,635)$ | (895,267) | 1,537,309 | (3,424,593) | 6,584,192 |
| N/A | 1905 | Land | 213,628 | . | - | 213,628 | - | . | - | - | 213,628 |
| 47 | 1908 | Buildings \& Fixtures | 2,211,803 | 4,400,000 |  | 6,611,803 | $(621,019)$ | (183,563) | - | (804,582) | 5,807,221 |
| 13 | 1910 | Leasehold Improvements | 24,525 | . | . | 24,525 | $(2,525)$ | . | . | (24,25) | - |
| 8 | 1915 | Office Furniture \& Equipment (10years) | - | - | - | - | - | - | - | - | - |
| 8 | 1915 | Office Furniture \& Equipment (5years) | 554,950 | 3,600 | - | 558,550 | (272,001) | (57,274) | - | (329,275) | 229,274 |
| 10 |  | Computer Equipment - Hardware | - | - | - | - | - | - | - | - | - |
| 45 |  | Computer Equip. Hardware(Post Mar. 22/04) | - | - | - | - | - | - | - | - | - |
| 45.1 | 1920 | Computer Equip. Hardware(Post Mar. 19/07) | 2,248,228 | 240,700 | - | 2,488,928 | (1,950,109) | (257,215) | - | (2,207,324) | 281,604 |
| 10 | 1930 | Transportation Equipment | 3,628,292 | 105,000 | - | 3,733,292 | $(1,168,361)$ | (462,769) | - | (1,631,130) | 2,102,162 |
| 8 | 1935 | Stores Equipment | 15,399 | $\cdot$ | - | 15,399 | $(5,431)$ | $(1,463)$ | - | $(6,894)$ | 8,505 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | 859,704 | 66,700 |  | 926,404 | (401,185) | (96,433) | . | (497,618) | 428,786 |
| 8 | 1945 | Measurement \& Testing Equipment | 11,161 | - | - | 11,161 | $(11,059)$ | - | - | $(11,059)$ | 102 |
| 8 | 1950 | Power Operated Equipment | 12,750 | - | - | 12,750 | (11,936) | - | - | $(11,936)$ | 814 |
| 8 |  | Communications Equipment | . | - | - | - | - | - | - | - | - |
| 8 | 1955 | Communication Equipment(Smart Meters) | 512 | - | - | 512 | (512) | - | . | (512) | - |
| 8 | 1960 | Miscellaneous Equipment | 304,897 | - | - | 304,897 | $(300,563)$ | (501) | . | (301,064) | 3,833 |
| 47 | 1970 | Load Management Controls Customer Premises | - | - | - | - | - | - | - | - | - |
| 47 | 1975 | Load Management Controls Utility Premises | - | - | - | - | - | - | . | - | - |
| 47 | 1980 | System Supervisor Equipment | - | - | - | - | - | - | - | - | - |
| 47 | 1985 | Miscellaneous fixed Assets | - | - | - | - | - | - | - | - | - |
| 47 | 1990 | Other Tangible Property | - | - | - | - | - | - | - | $\cdot$ | $\cdot$ |
| 47 | 1995 | Contributions \& Grants | $(16,106,934)$ | - | - | $(16,106,934)$ | 2,220,908 | 435,509 | . | 2,656,417 | (13,450,517) |
| 0 | 2005 | Property Under Finance Leases | - | . | - | - | - | . | - | - | - |
| 0 | 2010 | Electric Plant Purchased or Sold | - | - |  | - | - | - | - | - | $\cdot$ |
| 47 | 2440 | Deferred Revenue5 | (11,394,072) | $(817,000)$ | - | (12,211,072) | 619,711 | 234,498 | . | 854,209 | $(11,356,863)$ |
|  |  | 0 | - | - |  | - | - |  | $\cdot$ | - | - |
|  |  | Sub-Total | 177,381,829 | 16,069,408 | (2,430,782) | 191,020,455 | (23,932,640) | (6,583,006) | 2,027,309 | $(28,488,337)$ | 162,532,117 |
|  |  | Less Socialized Renewable Energy Generation Iny | - | - | - | - | - | - | - | - | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (in\# | $\cdot$ | - | - | - | - | - | $\cdot$ | $\cdot$ | - |
|  |  | Total PP\&E | 177,381,829 | 16,069,408 | (2,430,782) | 191,020,455 | (23,932,640) | (6,583,006) | 2,027,309 | $(28,488,337)$ | 162,532,117 |
|  |  | Depreciation Expense adj. from gain or loss on th | - | - | - | - | - | - | - | - | - |
|  |  | Total | $\cdot$ | - | - | - | (23,932,640) | (6,583,006) | - | - | $\cdot$ |
| WIP | 2055 | Construction WIP | 3,981,221 | - | - | 3,881,221 | - | - | $\cdot$ | $\cdot$ | 3,981,221 |
|  |  | Total after Work in Process | 181,363,050 | 16,069,408 | (2,430,782) | 195,001,676 | (23,932,640) | (6,583,006) | 2,027,309 | $(28,488,337)$ | 166,513,339 |
| Von-Regulator | 2075 | Non Rate-Regulated Utility Property Owned or Un | 145,715 | - | - | 145,715 | $(37,165)$ | - | - | $(37,165)$ | 108,550 |
|  | 2070 | Assets Not In Use | 2,226,000 | $\cdot$ | - | 2,226,000 | - | $\cdot$ | $\cdot$ | - | 2,226,000 |
|  |  | Total after Non Regulatory Assets | 183,734,765 | 16,069,408 | (2,430,782) | 197,373,391 | (23,969,805) | $(6,583,006)$ | 2,027,309 | (28,52, 502) | 168,847,889 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Less: Fully Allocated Depr |  | - |  |  |
| 10 | 0 | Transportation |  |  |  |  | Transportation |  | (462,769) |  |  |
| 8 | 0 | Stores Equipment |  |  |  |  | Stores Equipment |  | . |  |  |
|  |  |  |  |  |  |  | Removal Costs |  | 348,600 |  |  |
|  |  |  |  |  |  |  | Deferred Revenue incl. in | Rer Revenue | 234,498 |  |  |
|  |  |  |  |  |  |  | Net Depreciation |  | $(6,703,335)$ |  |  |

### 2.4 GROSS ASSETS - PROPERTY PLANT AND EQUIPMENT AND ACCUMULATED DEPRECIATION

### 2.4.1 Breakdown by Function

Table 2-18 below categorizes Energy+'s assets into three categories; distribution plant, general plant, contributions and grants. In accordance with the Uniform System of Accounts ("USoA"), Energy+ has included gross assets as follows:

- Distribution System plant asset accounts include USoA 1805 to 1860 - this account includes assets such as substation equipment, poles, wires, transformers and meters;
- General plant asset accounts include USoA 1905 to 1990 and USoA 1611 - this account includes assets such as buildings, computer software and hardware, transportation equipment, and tools; and
- Contributions and grants includes USoA account 1995 and account 2440 Deferred Revenue - both of these accounts include all contributions in aid of capital that Energy+ has received or forecasted to be received as per the Distribution System Code ("DSC").

Work in Progress, which includes all costs related to assets that are not considered to be in-service as of December $31^{\text {st }}$ of the applicable fiscal year, are excluded from the Gross Assets utilized in the computation of Rate Base.

Table 2-18: Gross Asset Breakdown by Function - 2014 to 2019

| Description Reporting Basis | 2014 Board <br> Approved Proxy | 2014 Actual | 2015 Actual | 2016 Actual | 2017 Forecast | 2018 Bridge | 2019 Test |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Distribution System Plant | $243,942,754$ | $242,538,068$ | $149,237,478$ | $162,480,452$ | $176,092,841$ | 187,663,898 | 196,777,024 |
| General Plant | $27,581,736$ | $27,197,182$ | $13,526,836$ | $15,169,758$ | $16,794,732$ | 17,218,937 | 22,561,437 |
| Contributions and Grants | $(24,320,586)$ | $(22,841,508)$ | $(21,423,039)$ | $(24,186,096)$ | $(25,368,096)$ | $(27,501,006)$ | $(28,318,006)$ |
| Total | $247,203,904$ | $\mathbf{2 4 6 , 8 9 3 , 7 4 2}$ | $\mathbf{1 4 1 , 3 4 1 , 2 7 5}$ | $\mathbf{1 5 3 , 4 6 4 , 1 1 4}$ | $\mathbf{1 6 7 , 5 1 9 , 4 7 7}$ | $\mathbf{1 7 7 , 3 8 1 , 8 2 9}$ | $\mathbf{1 9 1 , 0 2 0 , 4 5 5}$ |

Note: Reduction in Gross Assets in 2015 reflects the NBV adjustment as a result of the adoption of Modified IFRS. Please refer to Section 2.1.4.2.

### 2.4.2 Detailed Breakdown by Major Plant Account

Table 2-19 below provides a detailed breakdown by major plant account for each functionalized plant item. Each plant item is accompanied by a description in accordance with the Board's USoA, including the 2019 Test Year. Energy+ has also included a breakdown of accumulated amortization in the same format in Table 2-20.

| Land and Buildings | Description | 2014 Board <br> Approved <br> Proxy | 2014Actual | Variance: 2014 Actual vs 2014 Board Approved Proxy | 2015 Actual | Variance: 2015 <br> Actual vs 2014 <br> Actual | 2016 Actual | Variance: 2016 <br> Actual vs 2015 Actual | 2017 Foreast | $\left\|\begin{array}{c} \text { Variance: } 2017 \\ \text { Forecast vs } \\ 2016 \text { Actual } \end{array}\right\|$ | 2018 Bridge | Variance: Bridge 2018 vs 2017 Forecast | 2019 Test Year | Variance: 2019 Test 2019 vs 2018 Bridge |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1805 | Land | 350,502 | 347,843 | (2,659) | 347,843 |  | 347,843 | 0 | 34,843 | - | 347,843 | - | 347,843 |  |
| 1808 | Buildings | 2,013,693 | 2,02,009 | (11,684) | 1,451,353 | (55,656) | 1,451,373 | 20 | 1,451,373 | - | 1,451,373 | - | 1,451,373 |  |
| 1905 | Land | 292,842 | 301,592 | 8,750 | 301,592 |  | 301,424 | (168) | 301,24 |  | 213,629 | (87,75) | 213,629 |  |
| 1908 | Buildings \& fixtures | 6,065,015 | 6,327,731 | 262,716 | 2,603,688 | (3,724,043) | 2,630,438 | 26,750 | 2,741,403 | 110,965 | 2,211,803 | (529,600) | 6,611,803 | 4,400,000 |
| 1910 | Leasehold l mprovements | . |  |  | 24,525 | 24,525 | 24,525 |  | 24,525 | - | 24,525 | - | 24,525 |  |
| Distribution Station Equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1820 | Distribution Station Equipment 50 kV | 121,476 | 124,226 | 2,750 | (0) | (124,227) | . | 0 | . | . | . | . | . |  |
| Overhead Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1830 | Poles, Towers \& fixtures | 41,760,705 | 41,21,377 | (54,328) | 26,985,76 | (14,231,613) | 30,712,535 | 3,726,772 | 32,35,123 | 1,682,588 | 35,251,241 | 2,856,118 | 37,00,885 | 2,15,644 |
| 1835 | Overhead Conductors \& Devices | 46,39,947 | 45,75, 264 | (616,683) | 29,371,434 | (16,40, 8380 | 33,02, 186 | 3,652,752 | 37,38,538 | 4,360,352 | 41,00, ,220 | 3,617,082 | 43,80,326 | 2,80,706 |
| Underground Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1840 | Underground Conduit | 29,913,761 | 28,895,700 | $(1,018,061)$ | 16,62,933 | (12,27,767) | 18,26,291 | 1,641,358 | 20,422,936 | 2,159,645 | 21,70,415 | 1,885,79 | 23,161,156 | 1,452,741 |
| 1845 | Underground Conductors \& Devices | 44,93,558 | 43,992,964 | (941,594) | 25,88,696 | (18,110,267) | 28,12,812 | 2,241,115 | 31,168,131 | 3,044,319 | 32,98,192 | 1,812,061 | 35,08,032 | 2,04,840 |
| Transormers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1850 | Line Transformers | 52,715,670 | 53,612,458 | 896,788 | 29,38,831 | (24,24,628) | 31,14,006 | 1,756,175 | 33,00, 373 | 1,856,367 | 34,41,448 | 1,441,075 | 36,01,333 | 1,575,885 |
| 1815 | Transformer Station Equipment 50 kV | 12,56,883 | 12,56,883 | (0) | 9,336,497 | $(3,27,385)$ | 9,398,482 | 61,985 | 9,398,482 | - | 9,433,482 | 35,000 | 9,488,482 | 55,000 |
| Sevice and Meters |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1855 | Serices (Overhead \& Underground) | 2,580,185 | 2,846,083 | 265,988 | 1,511,183 | (1,33, 500 ) | 1,511,183 |  | 1,511,183 |  | 1,511,183 | - | 1,511,183 |  |
| 1860 | Meters (Smart Meters) | 12,61,067 | 13,16, 271 | 552,204 | 9,792,298 | $(3,69,973)$ | 9,95,114 | 122,816 | 10,464,232 | 509,118 | 10,98,474 | 524,242 | 10,00,784 | (979,600) |
| ITand Other Equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1915 | Office furniture \& Equipment (5years) | 1,018,443 | 1,010,398 | (8,045) | 466,923 | ( 545,475$)$ | 499,213 | 31,29 | 545,750 | 49,537 | 554,950 | 9,200 | 558,50 | 3,600 |
| 1920 | Computer Equip. Hardware(Post Mar. 19/07) | 4,045,746 | 3,947,268 | (98,48) | 1,538,120 | (2,40, 148) | 1,693,562 | 155,422 | 2,036,528 | 342,966 | 2,248,228 | 211,700 | 2,488,928 | 240,700 |
| 1611 | Computer Software (Formally known as Act 1925) | 5,304,282 | 4,472,845 | (832,437) | 3,397,122 | (1,075,723) | 4,466,508 | 1,069,386 | 5,069,514 | 603,06 | 5,681,714 | 612,200 | 6,208,214 | 526,500 |
| 1930 | Transporation Equipment | 6,387,962 | 6,171,026 | (216,936) | 2,870,248 | (3,30,778) | 3,169,292 | 299,044 | 3,528,292 | 359,00 | 3,682,92 | 100,000 | 3,733,292 | 105,000 |
| 1935 | Stores Equipment | 97,458 | 97,458 | (0) | 15,399 | (82,059) | 15,399 |  | 15,399 |  | 15,399 |  | 15,399 |  |
| 1940 | Tools, Shop \& Garage Equipment | 1,438,335 | 1,754,672 | 316,37 | 503,877 | (1,250,95) | 591,704 | 87,827 | 751,204 | 159,500 | 859,704 | 108,500 | 926,404 | 66,700 |
| 1945 | Measurement \& Testing Equipment | 68,945 | 64,529 | (4,416) | 11,161 | (53,368) | 11,161 | . | 11,161 | - | 11,161 | - | 11,161 | - |
| 1950 | Power Operated Equipment | 2,708 | 15,450 | 12,742 | 12,750 | (2,700) | 12,750 | - | 12,750 | - | 12,750 | - | 12,750 | . |
| 1955 | Communication Equipment (Smart Meters) | 40,580 | 40,50 | (0) | 512 | (40,068) | 512 | - | 512 | - | 512 | - | 512 | - |
| 1960 | Miscellaneous Equipment | 29,640 | 174,539 | 144,899 | 304,897 | 130,359 | 304,897 | - | 304,897 | - | 304,897 | - | 304,897 | - |
| 1980 | System Supervisor Equipment | 714,214 | 714,214 | (0) | - | (714,214) | - | . | - | - | - | - | - | . |
| 1995 | Contributions \& Grants | (24,320,566) | (22,841,508) | 1,479,078 | (16,170,412) | 6,671,097 | $(16,106,934)$ | 6,478 | (16,10, ${ }^{\text {a }}$ ) | - | (16,106,934) | - | (16,106,934) | - |
| 2005 | Property Under Finance Leases | 61,873 | 61,873 | 0 | - | (61,873) | - | - | - | - | - | - | - | - |
| 2010 | Electric Plant Purchased or Sold |  | 41,000 | 41,000 | 26,668 | (14,322) | . | (26,688) | - | - | - | . |  |  |
| 2440 | Deferred Revenue |  |  |  | (5,25,627) | (5,25, 627) | (8,07, 162) | (2,826,535) | (9,261,162) | $(1,182,000)$ | (11,394,072) | (2,132,910) | (12,211,072) | (817,000 |
| Gross Assets for Rate Rase |  | 24,203,005 | 246,893,743 | (310,161) | 141,341,276 | (105,52, 466) | 153,464,115 | 12,12,840 | 167,519,478 | 14,055,364 | 177,381,830 | 9,862,353 | 191,020,456 | 13,63, 627 |


| Land and Buildings | Description | 2014 Board <br> Approved Proxy | 2014Actual | Variance: 2014 Actual vs 2014 Board Approved Prox | 2015 Actual | Variance: 2015 <br> Actual vs 2014 <br> Actual | 2016 Actual | Variance: 2016 Actual vs 2015 Actual | 2017 Forecast | Variance: 2017 <br> Forecast vs 2016 Actual | 2018 bridge <br> Year | Variance: <br> Bridge 2018vs 2017 Forecast | 2019 Test Year | Variance: 2019 <br> Test 2019 vs 2018 Bridge |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1808 | Buildings | 533,516 | 594,759 | 61,243 | 68,699 | (526,060) | 99,656 | 30,957 | 119,656 | 20,000 | 152,454 | 32,788 | 185,252 | 32,798 |
| 1908 | Buildings \& Fixtures | 3,932,495 | 3,998,322 | 65,827 | 362,275 | $(3,636,077)$ | 567,212 | 200,937 | 727,212 | 166,000 | 621,019 | (106,193) | 800,582 | 183,563 |
| 1910 | Leasehold Improvements |  |  | - | 8,674 | 8,674 | 24,525 | 15,851 | 24,525 | - | 24,525 |  | 24,525 |  |
| Distribution Station Equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1820 | Distribution Station Equipment 50 kV | 77,416 | 124,227 | 46,811 | . | (124,227) | - | . | - | . | . | - | . |  |
| Overhead Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1830 | Poles, Towers \& Fixtures | 16,741,84 | 17,00,535 | 663,051 | 566,179 | (16,838,35) | 854,376 | 288,197 | 1,419,141 | 564,765 | 2,062,760 | 643,619 | 2,772,422 | 709,662 |
| 1835 | Overhead Conductors \& Devices | 19,22,684 | 19,60, 870 | 379,186 | 1,173,473 | (18,432,398) | 1,989,339 | 815,866 | 2,984,339 | 995,000 | 4,045,475 | 1,061,136 | 5,93,731 | 1,148,256 |
| Underground Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1840 | Underground Conduit | 13,76,748 | 13,81, 252 | 48,504 | 456,356 | (13,35,896) | 689,729 | 233,773 | 979,729 | 290,00 | 1,277,43 | 297,714 | 1,592,710 | 315,267 |
| 1845 | Underground Conductors \& Devices | 20,75,826 | 20,95,216 | 186,390 | 1,129,754 | (19,82, 462) | 1,741,144 | 611,390 | 2,477,144 | 736,000 | 3,239,861 | 762,717 | 4,047,095 | 807,234 |
| Transformers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1850 | Line Transformers | 25,31,585 | 25,82,702 | 516,117 | 185,642 | (25,641,061) | 391,430 | 205,789 | 842,371 | 450,941 | 1,468,875 | 626,504 | 2,139,136 | 670,261 |
| 1815 | Transformer Station Equipment 550 kV | 3,860,689 | 4,035,053 | 174,364 | 847,767 | (3, 187,286) | 1,281,133 | 433,366 | 1,564,133 | 283,00 | 1,831,888 | 267,755 | 2,100,716 | 268,828 |
| Serice and Meters |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1855 | Services (Overhead \& Underground) | 1,211,008 | 1,455,794 | 244,786 | 100,687 | $(1,355,108)$ | 109,139 | 8,452 | 151,139 | 42,000 | 193,653 | 42,514 | 236,167 | 42,514 |
| 1860 | Meters (Smart Meters) | 3,755,824 | 4,226,421 | 470,597 | 1,659,042 | (2,567,378) | 2,742,015 | 1,082,973 | 3,424,378 | 682,363 | 4,066,635 | 642,257 | 3,424,593 | (642,042) |
| IT and Other Equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1915 | Office Furniture \& Equipment (5years) | 67,367 | 697,575 | 23,208 | 95,612 | (601,963) | 156,068 | 60,456 | 212,068 | 56,000 | 272,001 | 59,93 | 329,275 | 57,274 |
| 1920 | Computer Equip. Hardware(Post Mar. 19/07) | 2,983,020 | 3,147,40 | 164,420 | 978,485 | (2,168,956) | 1,313,038 | 334,553 | 1,697,038 | 384,000 | 1,950,109 | 253,071 | 2,007,324 | 257,215 |
| 1611 | Computer Software (Formally known as Act 1925) | 2,997,911 | 3,051,681 | 53,770 | 1,360,382 | (1, 1,91,299) | 2,200,258 | 839,876 | 2,901,258 | 701,00 | 3,667,516 | 766,258 | 4,481,224 | 813,708 |
| 1930 | Transportation Equipment | 3,648,404 | 3,995,194 | (153,210) | 15,323 | $(3,479,871)$ | 246,910 | 231,587 | 700,910 | 461,00 | 1,168,361 | 460,451 | 1,631,130 | 462,769 |
| 1935 | Stores Equipment | 95,282 | 97,200 | 1,918 | 1,505 | (95,694) | 2,968 | 1,463 | 3,968 | 1,000 | 5,431 | 1,463 | 6,894 | 1,463 |
| 1940 | Tools, Shop \& Garage Equipment | 941,054 | 1,143,743 | 202,689 | 95,108 | $(1,048,335)$ | 208,092 | 112,984 | 302,092 | 94,000 | 401,185 | 9,093 | 497,618 | 96,433 |
| 1945 | Measurement \& Testing Equipment | 48,21 | 56,674 | 8,453 | 14,613 | (42,062) | 11,060 | $(3,53)$ | 11,060 | - | 11,060 | - | 11,060 |  |
| 1950 | Power Operated Equipment | 2,197 | 4,372 | 2,175 | 4,618 | 247 | 6,386 | 1,768 | 9,386 | 3,000 | 11,935 | 2,549 | 11,935 | - |
| 1955 | Communication Equipment (Smart Meters) | 41,121 | 40,406 | (715) | 8,396 | $(32,099$ | 512 | (7,884) | 512 | - | 512 | - | 512 | - |
| 1960 | Miscellaneous Equipment | 17,326 | 45,967 | 28,641 | 225,494 | 179,527 | 234,062 | 8,568 | 300,062 | 66,00 | 300,563 | 501 | 301,064 | 501 |
| 1980 | System Superisor Equipment | 714,214 | 714,214 | (0) |  | (714,214) |  |  |  |  |  |  |  |  |
| 1995 | Contribution \& Grants | (6,189,124) | $(6,40,193)$ | (220,069) | (991,954) | 5,417,239 | (1,368,99) | (376,44) | (1,78, 399) | (417,000) | (2,220,908) | (435,509) | (2,55,417) | (435,509) |
| 2005 | Property Under Finance Leases | 61,873 | 61,873 | 0 | - | (61,873) | - | - | - | - | - | . | - | - |
| 2010 | Electric Plant Purchased or Sold | . | 15,545 | 15,545 | 2,425 | (13,120) | - | (2,425) | - | - | - | - | - | - |
| 2440 | Deferred Revenue | . | - | - | (80,597) | (80,597) | (222,946) | (146,349) | (415,946) | (189,000) | (619,711) | (203,765) | (885,209) | (234,498) |
| Gross Assets for Rate Base |  | 115,218,141 | 118,201,841 | 2,883,00 | 8,287,957 | (109,913,884) | 13,27,708 | 4,985,751 | 18,657,77 | 5,384,069 | 23,92, 642 | 5,774,866 | 28,48,339 | 4,555,697 |

### 2.4.3 Variance Analysis on Gross Assets

Table 2-21 below provides the same level of detail as Table 2-19, however, for the purposes of the variance analysis, assets are categorized as Distribution System Assets, including Capital Contributions and Deferred Revenue, and General Plant. Energy+ has provided explanations for variances over Energy+'s materiality threshold of \$175,000.

| Distribution System |  | 2014 Board Approved Proxy | 2014 Actual | $\left.\begin{array}{\|c\|} \hline \text { Variance: } 2014 \\ \text { Actual vs } 2014 \\ \text { Approved Proxy } \end{array} \right\rvert\,$ | 2015 Actual | Variance: 2015 Actual vs 2014 Actual | 2016 Actual | Variance: 2016 <br> Actual vs 2015 Actual | 2017 Forecast | Variance: 2017 Forecast vs 2016 Actual | 2018 Bridge | Variance: Bridge 2018 vs 2017 Forecast | 2019 Test Year | Variance: 2019 Test 2019 vs 2018 Bridge |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1805 | Land | 350,502 | 347,843 | $(2,659)$ | 347,843 |  | 347,843 | 0 | 347,843 |  | 347,843 |  | 347,843 |  |
| 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ | 12,563,883 | 12,563,883 | (0) | 9,336,497 | $(3,227,385)$ | 9,398,482 | 61,985 | 9,398,482 |  | 9,433,482 | 35,000 | 9,488,482 | 55,000 |
| 1820 | Distribution Station Equipment < 50 kV | 121,476 | 124,226 | 2,750 | (0) | (124,227) |  | 0 |  |  |  |  |  |  |
| 1830 | Poles, Towers \& Fixtures | 41,760,705 | 41,217,377 | (543,328) | 26,985,763 | $(14,231,613)$ | 30,712,535 | 3,726,772 | 32,39, 123 | 1,682,588 | 35,251,241 | 2,856,118 | 37,408,885 | 2,157,644 |
| 1835 | Overhead Conductors \& Devices | 46,391,947 | 45,775,264 | $(616,883)$ | 29,371,434 | $(16,403,830)$ | 33,024,186 | 3,652,752 | 37,38,538 | 4,360,352 | 41,001,620 | 3,617,082 | 43,805,326 | 2,803,706 |
| 1840 | Underground Conduit | 29,913,761 | 28,895,700 | $(1,018,061)$ | 16,621,933 | (12,273,767) | 18,263,291 | 1,641,358 | 20,422,936 | 2,159,645 | 21,708,415 | 1,285,479 | 23,161,156 | 1,452,741 |
| 1845 | Underground Conductors \& Devices | 44,934,558 | 43,992,964 | (941,594) | 25,882,996 | $(18,110,267)$ | 28,12, 812 | 2,241,115 | 31,168,131 | 3,044,319 | 32,980,192 | 1,812,061 | 35,028,032 | 2,047,840 |
| 1850 | Line Transformers | 52,715,670 | 53,612,458 | 896,788 | 29,387,831 | (24,224,628) | 31,14, 006 | 1,756,175 | 33,00, 373 | 1,856,367 | 34,441,448 | 1,441,075 | 36,001,333 | 1,575,885 |
| 1855 | Services (Overhead \& Underground) | 2,580,185 | 2,846,083 | 265,898 | 1,511,183 | $(1,334,900)$ | 1,511,183 |  | 1,511,183 |  | 1,511,183 |  | 1,511,183 |  |
| 1860 | Meters | 12,61,067 | 13,162,271 | 552,204 | 9,792,298 | $(3,369,973)$ | 9,955,114 | 162,816 | 10,46, ,232 | 509,118 | 10,988,474 | 524,242 | 10,00,784 | (979,690) |
| 1995 | Contributions \& Grants | (24,320,586) | (22,841,508) | 1,479,078 | (16,170,412) | 6,671,097 | (16,106,934) | 63,478 | (16,106,934) | - | (16,106,934) |  | (16,106,934) |  |
| 2440 | Deferred Revenue |  |  |  | $(5,252,627)$ | $(5,252,627)$ | (8,079,162) | $(2,826,535)$ | (9,261,162) | $(1,182,000)$ | (11,394,072) | $(2,132,910)$ | (12,211,072) | (817,000) |
| Subtotal Distribution System |  | 219,622,168 | 219,696,560 | 74,392 | 127,814,439 | (91,882,121) | 138,294,356 | 10,47,917 | 150,724,745 | 12,430,389 | 160,162,892 | 9,438,147 | 168,459,018 | 8,296,126 |
| General Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1808 | Buildings | 2,013,693 | 2,002,009 | (11,684) | 1,451,353 | (550,656) | 1,451,373 | 20 | 1,451,373 | - | 1,451,373 |  | 1,451,373 | - |
| 1905 | Land | 292,842 | 301,592 | 8,750 | 301,592 |  | 301,424 | (168) | 301,424 |  | 213,629 | $(87,795)$ | 213,629 |  |
| 1908 | Buildings \& Fixtures | 6,065,015 | 6,327,731 | 262,716 | 2,603,688 | $(3,724,043)$ | 2,630,438 | 26,750 | 2,741,403 | 110,965 | 2,211,803 | (529,600) | 6,611,803 | 4,400,000 |
| 1910 | Leasehold Improvements |  |  |  | 24,525 | 24,525 | 24,525 |  | 24,525 |  | 24,525 |  | 24,525 |  |
| 1915 | Office Furniture \& Equipment ( 5 years) | 1,018,443 | 1,010,398 | (8,045) | 464,923 | (545,475) | 496,213 | 31,289 | 545,750 | 49,537 | 554,950 | 9,200 | 558,550 | 3,600 |
| 1920 | Computer Equip. Hardware(Post Mar. 19/07) | 4,045,746 | 3,947,268 | (98,478) | 1,538,120 | $(2,409,148)$ | 1,693,562 | 155,442 | 2,036,528 | 342,966 | 2,248,228 | 211,700 | 2,488,928 | 240,700 |
| 1611 | Computer Software (Formally known as Account 1925) | 5,304,282 | 4,472,845 | $(831,437)$ | 3,397,122 | $(1,075,723)$ | 4,466,508 | 1,069,386 | 5,069,514 | 603,006 | 5,681,714 | 612,200 | 6,208,214 | 526,500 |
| 1930 | Transportation Equipment | 6,387,962 | 6,171,026 | (216,936) | 2,870,248 | $(3,300,778)$ | 3,169,292 | 299,044 | 3,588,292 | 359,000 | 3,628,292 | 100,000 | 3,733,292 | 105,000 |
| 1935 | Stores Equipment | 97,458 | 97,458 | (0) | 15,399 | $(82,059)$ | 15,399 |  | 15,399 |  | 15,399 |  | 15,399 |  |
| 1940 | Tools, Shop \& Garage Equipment | 1,438,335 | 1,754,672 | 316,337 | 503,877 | $(1,250,795)$ | 591,704 | 87,827 | 751,204 | 159,500 | 859,704 | 108,500 | 926,404 | 66,700 |
| 1945 | Measurement \& Testing Equipment | 68,945 | 64,529 | $(4,416)$ | 11,161 | (53,368) | 11,161 |  | 11,161 |  | 11,161 |  | 11,161 |  |
| 1950 | Power Operated Equipment | 2,708 | 15,450 | 12,742 | 12,750 | $(2,700)$ | 12,750 | - | 12,750 | - | 12,750 | - | 12,750 |  |
| 1955 | Communication Equipment | 40,580 | 40,580 | (0) | 512 | $(40,068)$ | 512 | . | 512 | - | 512 | . | 512 |  |
| 1960 | Miscellaneous Equipment | 29,640 | 174,539 | 144,899 | 304,897 | 130,359 | 304,897 | - | 304,897 | - | 304,897 | - | 304,897 | - |
| 1980 | System Supervisor Equipment | 714,214 | 714,214 | (0) |  | (714,214) |  | - |  |  |  |  |  |  |
| 2005 | Property Under Finance Leases | 61,873 | 61,873 | 0 |  | $(61,873)$ | . | - | - |  |  |  | . |  |
| 2010 | Electric Plant Purchased or Sold |  | 41,000 | 41,000 | 26,668 | (14,332) |  | (26,668) | - |  | - |  | - |  |
| Subtotal General Plant |  | 27,581,736 | 27,197,182 | (384,54) | 13,526,836 | $(13,670,346)$ | 15,169,758 | 1,642,922 | 16,794,732 | 1,624,974 | 17,218,937 | 424,205 | 22,561,437 | 5,342,500 |
| Total |  | 247,203,904 | 246,893,742 | (310,162) | 141,341,275 | (105,552,467) | 153,464,114 | 12,122,839 | 167,519,477 | 14,055,363 | 177,381,829 | 9,862,352 | 191,020,455 | 13,638,626 |

## Distribution Assets Variance: \$74,392

Energy+'s 2014 Actual Distribution Assets were higher than the 2014 Board Approved Proxy amounts by $\$ 74,392$. Meter assets were $\$ 552,204$ higher than the 2014 Board Approved Proxy, offset by lower poles, overhead lines, underground circuits and underground conduit.

## Meters

7 The higher gross meters are principally attributable to the addition of \$1,197,596 of Smart Meters

## Other

The lower poles, overhead lines, underground circuits and underground conduit categories were lower than planned, principally as a result of the deferral of the Franklin Boulevard plant relocation projects due to timing changes by the Region of Waterloo for the installation of traffic roundabouts. Correspondingly, capital contributions were lower than planned.

## General Plant Assets Variance: $(\$ 384,554)$

Energy+s 2014 Actual General Assets were lower than the 2014 Board Approved amount by $\$ 384,554$. Material variances included: (i) higher buildings and fixtures $\$ 262,716$; (iii) higher tools and equipment $\$ 316,337$, partially offset by (iii) lower computer hardware and software costs \$831,437; and (v) lower transportation costs \$216,936.
3 for the Brant Service territory in 2012 as a result of the former BCP's Smart Meter Decision (EB-2012-0265), partially offset by lower than expected meter expenditures in the Cambridge and North Dumfries service territory due to lower than expected growth and the cancellation of a project to install remote disconnect meters. As the 2014 Board Approved Proxy represents the value of the former CND 2014 Board Approved, and the former BCP 2011 Board Approved, the value of the Smart Meters would not be incorporated into the 2014 Board Approved Proxy value.

## Buildings and Fixtures

1 Buildings and fixture expenditures in 2014 principally included a roof replacement at the Bishop St. facility (new flat roof rubber membrane required due to age and leaking) which was not originally planned.

5 Similar to Meters, the higher gross value of tools and equipment was principally attributable to the recognition of investments related to the implementation of Smart Meters for the former BCP. As the 2014 Board Approved Proxy represents the value of the former CND 2014 Board Approved, and the former BCP 2011 Board Approved, the value of the Smart Meters would not be incorporated into the 2014 Board Approved Proxy value.

## Computer Software

Computer software gross assets in 2014 were lower than the 2014 Board Approved Proxy principally as a result of lower than planned capital expenditures due to: (i) Deferral of an Interactive Voice Response ("IVR") system was deferred to provide for adequate time and resources to support the implementation of the Outage Management System; (ii) planned expenditures related to disaster recovery planning were not required due to the selection of an outsourced solution (operating vs. capital); and (iii) anticipated enhancements to the GIS solution were deferred.

7 Table 2-22: Summary of Gross Asset and Accumulated Amortization Adjustments due to 8 Adoption of MIFRS:

As explained in Section 2.1.4.2 Transition to Modified International Financial Reporting Standards, Energy+ elected to utilize the rate-regulated deemed cost exemption for PP\&E, and as such, the gross asset and accumulated amortization values for 2015 PP\&E were adjusted.

Table 2-22 summarizes the impact of this adjustment on the gross asset values and accumulated amortization for 2015 Actuals.

| Description Reporting Basis | Original Gross <br> Cost Basis | New Gross Cost <br> Basis | Adjustment to <br> Gross Cost Basis |
| :--- | ---: | ---: | ---: |
| Distribution System Plant | $222,831,502$ | $121,468,855$ | $(101,362,647)$ |
| General Plant | $36,344,093$ | $18,071,800$ | $(18,272,293)$ |
| Contributions and Grants | $(22,085,361)$ | $(16,170,412)$ | $5,914,950$ |
| Total | $\mathbf{2 3 7 , 0 9 0 , 2 3 4}$ | $\mathbf{1 2 3 , 3 7 0 , 2 4 4}$ | $(\mathbf{1 1 3 , 7 1 9 , 9 9 0 )}$ |


| Original Acc. <br> Amortization | New Acc. <br> Amortization | Adjustment to <br> Acc. <br> Amortization | Net Book <br> Value |
| :---: | ---: | ---: | :---: |
| $(101,362,647)$ | - | $101,362,647$ | $121,468,855$ |
| $(18,272,293)$ | - | $18,272,293$ | $18,071,800$ |
| $5,914,950$ | - | $(5,914,950)$ | $(16,170,412)$ |
| $(113,719,990)$ | - | $\mathbf{1 1 3 , 7 1 9 , 9 9 0}$ | $\mathbf{1 2 3 , 3 7 0 , 2 4 4}$ |

Excluding the impact of this adjustment on the gross asset values, the 2015 Gross Asset values increased by $\$ 8,167,523$ (Reduction of $\$ 105,552,467$ as per Table 2-21 plus the $\$ 113,719,990$ adjustment due to IFRS).

## Distribution System Assets Variance: $(\$ 91,882,121)$

2015 Actual Distribution System Gross Assets were \$91,882,121 lower than the 2014 Actual amounts. Excluding the adjustment to the Gross Cost Basis as a result of the adoption of MIFRS of (\$95,447,697, net of contributions), the 2015 Actual Distribution Gross Assets, including capital contributions, would have been $\$ 6,935,549$ higher than 2014 Actuals. The increase in Gross Distribution System Assets is principally explained by system access and system renewal investments made in 2015, partially offset by disposals, including the de-recognition of assets removed from service, and other differences in gross values under MIFRS versus CGAAP, which are explained further in Exhibit 9. Energy+ has provided a detailed summary of capital projects undertaken in Section 2.7.2.3 below.

## 11

2015 Actual General Plant Assets were lower than the 2014 Actual by \$13,670,346. Excluding the adjustment to the Gross Cost Basis as a result of the adoption of MIFRS of $(\$ 18,272,293)$, the 2015 Actual General Plant Gross Assets would have been \$1,231,975 higher than 2014 Actuals. The increase in General Plant Assets are principally attributable to computer software upgrades and investments, and a large vehicle replacement (at end of life). Computer software upgrades and investments including the completion and implementation of the Outage Management System and the integration and upgrades required to the Customer Information System ("CIS") and Enterprise Resource Planning System, ("ERP") as a result of the acquisition and subsequent amalgamation of the former BCP.

## 2016 Actual compared to 2015 Actual

## Distribution System Assets Variance: \$10,479,917

2016 Actual Distribution System Assets were higher than the 2015 actual amounts by $\$ 10,479,917$. The increase in Gross Distribution System Assets is principally explained by system access and system renewal investments made in 2016, partially offset by disposals, including thede-recognition of assets removed from service. Projects that impacted the increase in these account balances included customer driven work, including new subdivisions and plant relocations, and system renewal projects such as the Cambrian Hills rebuild, pole replacements and other feeder upgrades or extensions. Energy+ has provided a detailed summary of capital projects undertaken in Section 2.7.2.3 below.

## General Plant Assets Variance: \$1,642,922

2016 Actual General Plant Assets increased by \$1,642,922 compared to 2015 Actuals. This was mainly due to net investments in computer software ( $\$ 1,069,386$ ), meters, and vehicles. Investments in computer software included additional costs associated with the completion of the integration of the CIS and ERP systems, conversion costs related to the Geographical Information System ("GIS") to one consolidated platform, and end of life asset replacements. Transportation expenditures included the replacement of two stringing machines and small vehicle replacements in accordance with Energy+'s vehicle renewal schedule.

## Distribution System Assets Variance: \$12,430,389

2017 Forecast Distribution System Assets are higher than the 2016 Actual amounts by $\$ 12,430,389$. The increase in Gross Distribution System Assets is principally explained by system access and system renewal investments made in 2017, partially offset by disposals, including the de-recognition of assets removed from service. Specific system access projects completed in 2017 included the completion of the plant relocations for the Franklin Boulevard roundabouts (Phase 2), and various other relocations, including the Swan Street plant relocation. System renewal projects included the Grand Ridge Drive Area underground rebuild, pole replacements, the Powerline Road upgrade and rebuilds/voltage conversions on McMillan Road and in the south part of Paris, the Avonlea area and King George Road. Energy+ has provided a detailed summary of capital projects undertaken in Section 2.7.2.3 below.

## General Plant Assets Variance: \$1,624,974

2017 Forecast General Plant Assets increased by \$1,624,974 compared to 2016 Actuals. This was mainly due to investments in meters, computer hardware and software, and vehicles. Related projects include various computer software upgrades, including a software upgrade for the CIS system, core switch upgrade, and other computer replacements due to end of life equipment, and the replacement of a larger vehicle at the end of its useful life.

## Distribution System Assets Variance: \$9,438,147

2018 Bridge Distribution System Assets increased by \$9,438,147 compared to the 2017 Forecast.
4 The increase in Gross Distribution System Assets is principally explained by system access and 5 system renewal investments made in 2018, investments in meters, including \$416,000 for the

## Distribution System Assets Variance: \$8,296,126

2019 Test Year Distribution System Assets are planned to increase by $\$ 8,296,126$ compared to the 2018 Bridge Year. The increase in Gross Distribution System Assets is principally explained by system access and system renewal investments made in 2019, partially offset by disposals, including the de-recognition of assets removed from service and a reduction in gross meter assets of $\$ 979,690$ due to: (i) the removal of stranded meter assets in the Brant service territory (see Section 2.6 of $\$ 1,430,782$ ); partially offset by (ii) meter investments, including \$330,000 for the MIST meter program.

Specific system access planned projects include subdivision investments, and other customer driven relocation projects. System renewal projects include pole replacements, porcelain insulator replacements, an underground rebuild project in Paris, and various other rebuilds/voltage conversions in the Brant service territory based on the prioritization of rebuild projects and the results of the asset condition assessment undertaken in 2017. Energy+ has provided a detailed summary of capital projects undertaken in Section 2.7.2.3 below.

## General Plant Assets Variance: \$5,342,500

2019 Test Year General Plant Assets are planned to increase by \$5,342,500 compared to 2018 Bridge Year. The increase is principally attributable to: (i) investment of $\$ 4,400,000$ with respect to the planned shared operations facility with Brantford Power Inc. ("BPI"), further explained herein; and (ii) computer software upgrades and asset renewals for end of life equipment.

### 2.4.4 Summary of Incremental Capital Module Adjustment

Energy+ confirms that it has not applied for nor received any ICM adjustments as part of a previous IRM application.

### 2.4.5 Reconciliation of Continuity Statements to Calculated Depreciation Expenses

Energy+ confirms that the depreciation expenses in the fixed asset continuity statements reconcile to the calculated depreciation expenses under Exhibit 4 - Operating Costs and are presented by account. As such there are no reconciling items between the fixed asset continuity statements in this Exhibit and the calculated depreciation expense in Exhibit 4.

### 2.5 ALLOWANCE FOR WORKING CAPITAL

### 2.5.1 Overview

The Filing Requirements permit applicants to take one of two approaches for the calculation of the allowance for working capital; the adoption of the Board-prescribed 7.5\% allowance or the filing of a lead/lag study. Energy+ has used the 7.5\% allowance; the working capital allowance is calculated to be $7.5 \%$ of the sum of Cost of Power ("COP") and controllable expenses (Operations, Maintenance, Billing and Collecting, Community Relations, Administration and General). Energy+ did not conduct a lead/lag study.

The working capital allowance for the 2019 Test Year is based upon 7.5\% of the COP and controllable expenses. Energy+ has also provided the calculation of the working capital allowance for each of 2014 to 2017 Actual and for the 2018 Bridge Year. For these years, Energy+ has used 13\% for calculating the Working Capital Allowance, consistent with the former CND 2014 Board Approved (the former BCP 2011 Board Approved working capital allowance was $15 \%$, which has only been used for purposes of the 2014 Board Approved Proxy).

Table 2-23 provides a summary of Energy's COP and controllable expenses used to calculate working capital allowance for 2014 Board Approved Proxy, 2014 Actual, 2015 Actual, 2016 Actual, 2017 Forecast, 2018 Bridge Year and the 2019 Test Year. Please refer to Section 2.1.2 for the 2014 Board Approved Proxy computation of the Working Capital Allowance.

| Expenses for Working Capital | 2014 Board Approved Proxy | 2014 Actual | 2015 Actual | 2016 Actuals | 2017 Forecast | 2018 Bridge | 2019 Test |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eligible Distribution Expenses: |  |  |  |  |  |  |  |
| Distribution Expenses - Operations | 3,228,515 | 2,738,607 | 2,880,615 | 2,934,425 | 2,975,027 | 3,240,629 | 3,289,039 |
| Distribution Expenses - Maintenance | 2,661,929 | 3,118,876 | 2,755,290 | 2,671,173 | 2,592,217 | 2,674,678 | 2,641,602 |
| Billing and Collecting | 3,730,609 | 3,477,666 | 3,330,327 | 3,548,298 | 3,391,259 | 3,372,867 | 3,945,340 |
| Community Relations | 333,707 | 260,238 | 118,616 | 97,839 | 90,720 | 93,555 | 98,215 |
| Administration \& General | 8,456,671 | 8,762,117 | 8,308,149 | 7,905,340 | 8,512,531 | 8,213,696 | 8,601,452 |
| Donations - LEAP | - | 4,700 | 62,618 | 45,409 | 45,909 | 39,509 | 42,000 |
| Taxes Other than Income Taxes | 155,664 | 174,666 | 137,973 | 162,147 | 163,946 | 200,710 | 200,710 |
| Less Allocated Depreciation | - | $(471,470)$ | $(441,619)$ | $(335,578)$ | $(461,000)$ | $(460,451)$ | $(462,769)$ |
| Total Eligible Distribution Expenses | 18,567,095 | 18,065,400 | 17,151,968 | 17,029,052 | 17,310,609 | 17,375,193 | 18,355,589 |
| Power Supply Expenses | 182,757,274 | 168,419,584 | 182,918,056 | 205,119,062 | 211,171,000 | 167,727,000 | 157,654,356 |
| Total Expenses for Working Capital | 201,324,369 | 186,484,984 | 200,070,024 | 222,148,115 | 228,481,609 | 185,102,193 | 176,009,945 |
| Working Capital factor | 13\% | 13\% | 13\% | 13\% | 13\% | 13\% | 7.5\% |
| Total Working Capital Allowance | 26,729,563 | 24,243,048 | 26,009,103 | 28,879,255 | 29,702,609 | 24,063,285 | 13,200,746 |

### 2.5.2 Cost of Power Calculations

Energy+ has calculated cost of power for the 2019 Test Year based on the results of the load forecast, which is discussed in detail in Exhibit 3. Energy+'s load forecast has been adjusted for the impacts of Conservation and Demand Management activities and in accordance with the Board's filing requirements. Table 2-24 summarizes the cost of power for the 2019 Test Year.

Table 2-24: Summary of Cost of Power 2019 Test Year

| 2019 Test Year |  |  |
| :--- | ---: | ---: |
|  |  |  |
| 4705 - Power Purchased | $\$$ | $78,123,704$ |
| 4707 - Global Adjustment | $\$$ | $52,312,228$ |
| 4708 - Charges - WMS | $\$$ | $5,970,420$ |
| 4714 - Charges - NW | $\$$ | $11,366,310$ |
| 4716 - Charges - CN | $\$$ | $8,629,893$ |
| 4750 - Low Voltage | $\$$ | 806,325 |
| 4751 - Smart Meter Entity Charges | $\$$ | 445,476 |
| Total | $\mathbf{\$}$ | $\mathbf{1 5 7 , 6 5 4 , 3 5 5}$ |

In accordance with the Filing Requirements, the commodity price estimate used to calculate the COP was determined in a way that basis the split between Regulated Price Plan ("RPP") and Non-RPP Customers on 2017 actual data and used the most current RPP price.

The RPP and Non-RPP price was obtained from the OEB's Regulated Price Plan Report for the period July 1, 2017 to April 30, 2018 issued June 22, 2017.

Table 2-25 provides the summary of the computations of the various components of the 2019 Test Year COP

Table 2-25: 2019 Test Year Cost of Power Forecast Calculation

| 2019 Load Forecast | Volume Metric | kWh | kW | $\begin{array}{\|c\|} \hline 2017 \text { RPP/NON } \\ \text { RPP } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
| Residential | kWh | 466,068,279 | - | 97.02\% |
| General Service < 50 kW | kWh | 195,276,256 | - | 85.13\% |
| General Service > 50 to 999 kW | kW | 493,112,062 | 1,574,312 | 9.95\% |
| General Service > 1000 to 4999 kW | kW | 231,017,192 | 592,051 | 1.15\% |
| Large User | kW | 145,503,126 | 382,038 | 0.00\% |
| Street Lights | kWh | 2,273,988 | - | 90.71\% |
| Sentinel Lights | kW | 126,989 | 343 | 42.08\% |
| Unmetered Loads | kW | 5,367,464 | 15,467 | 3.01\% |
| Embedded Distributor - Hydro One, CND | kW | 58,104,381 | 114,657 | 0.00\% |
| Embedded Distributor - Waterloo North, CND | kW | 12,605,162 | 24,387 | 0.00\% |
| Embedded Distributor - Brantford Power, BCP | kW | 347,757 | 1,075 | 0.00\% |
| Embedded Distributor - Hydro One \#1, BCP | kW | 12,191,720 | 29,995 | 0.00\% |
| Embedded Distributor - Hydro One \#2, BCP | kW | 43,274,122 | 102,973 | 0.00\% |
| TOTAL |  | 1,665,268,498 | 2,837,297 |  |


| Transmission - Global Adjustment | Volume Metric | 2019 Test Year |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Class per Load Forecast |  |  |  |  |
| Residential | kWh | 14,285,466 | 0.0548 | 782,415 |
| GS<50kW | kWh | 29,863,207 | 0.0548 | 1,635,608 |
| General Service > 50 to 999 kW | kWh | 456,788,657 | 0.0548 | 25,018,315 |
| General Service > 1000 to 4999 kW | kWh | 232,570,367 | 0.0548 | 12,737,879 |
| Large Use | kWh | 146,157,890 | 0.0548 | 8,005,068 |
| Unmetered Scattered Load | kWh | 217,321 | 0.0548 | 11,903 |
| Sentinel Lighting | kWh | 75,673 | 0.0548 | 4,145 |
| Street Lighting | kWh | 5,355,660 | 0.0548 | 293,330 |
| Embedded WNH | kWh | 59,774,648 | - | - |
| Embedded HON | kWh | 12,967,510 | 0.0548 | 710,231 |
| Embedded Distributor - Brantford | kWh | 354,176 | 0.0548 | 19,398 |
| Embedded Distributor - HON \#1 | kWh | 12,416,761 | 0.0548 | 680,066 |
| Embedded Distributor - HON \#2 | kWh | 44,072,897 | 0.0548 | 2,413,873 |
| TOTAL |  | 1,014,900,232 |  | 52,312,228 |


| Transmission - Network | Volume Metric | 2019 Test Year |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Class per Load Forecast |  |  |  |  |
| Residential | kWh | 479,465,862 | 0.0055 | 2,660,133 |
| GS<50kW | kWh | 200,889,661 | 0.0049 | 991,784 |
| General Service > 50 to 999 kW (Non-Interval) | kW | 542,523 | 3.0391 | 1,648,786 |
| General Service > 50 to 999 kW ( Interval) | kW | 1,031,789 | 3.0548 | 3,151,893 |
| General Service > 1000 to 4999 kW | kW | 592,051 | 2.3620 | 1,398,435 |
| Large Use | kW | 382,038 | 2.3101 | 882,532 |
| Unmetered Scattered Load | kWh | 2,339,356 | 0.0050 | 11,622 |
| Sentinel Lighting | kW | 343 | 1.4241 | 488 |
| Street Lighting | kW | 15,467 | 1.5981 | 24,718 |
| Embedded WNH | kW | 114,657 | 2.3101 | 264,865 |
| Embedded HON | kW | 24,387 | 2.3101 | 56,337 |
| Embedded Distributor - Brantford | kW | 1,075 | 2.0495 | 2,203 |
| Embedded Distributor - HON \#1 | kW | 29,995 | 2.0495 | 61,473 |
| Embedded Distributor - HON \#2 | kW | 102,973 | 2.0495 | 211,041 |
| TOTAL |  | 685,532,177 |  | 11,366,310 |


| Transmission - Connection | Volume Metric | 2019 Test Year |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Class per Load Forecast |  |  |  |  |
| Residential | kWh | 479,465,862 | 0.0041 | 1,983,940 |
| GS<50kW | kWh | 200,889,661 | 0.0038 | 756,375 |
| General Service > 50 to 999 kW (Non-Interval) | kW | 542,523 | 2.2795 | 1,236,666 |
| General Service > 50 to 999 kW (Interval) | kW | 1,031,789 | 2.2958 | 2,368,751 |
| General Service > 1000 to 4999 kW | kW | 592,051 | 1.7964 | 1,063,556 |
| Large Use | kW | 382,038 | 1.9584 | 748,198 |
| Unmetered Scattered Load | kWh | 2,339,356 | 0.0039 | 9,098 |
| Sentinel Lighting | kW | 343 | 0.9388 | 322 |
| Street Lighting | kW | 15,467 | 1.2000 | 18,561 |
| Embedded WNH | kW | 114,657 | 1.9584 | 224,548 |
| Embedded HON | kW | 24,387 | 1.9584 | 47,761 |
| Embedded Distributor - Brantford | kW | 1,075 | 1.2840 | 1,380 |
| Embedded Distributor - HON \#1 | kW | 29,995 | 1.2840 | 38,515 |
| Embedded Distributor - HON \#2 | kW | 102,973 | 1.2840 | 132,222 |
| TOTAL |  | 685,532,177 |  | 8,629,893 |


| Wholesale Market \& Rural Rate | Volume Metric | 2019 Test Year |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Class per Load Forecast |  |  |  |  |
| Residential | kWh | 479,465,862 | 0.0035 | 1,676,575 |
| GS<50kW | kWh | 200,889,661 | 0.0035 | 703,834 |
| General Service > 50 to 999 kW | kWh | 507,287,046 | 0.0035 | 1,772,634 |
| General Service > 1000 to 4999 kW | kWh | 235,281,425 | 0.0035 | 824,375 |
| Large Use | kWh | 146,157,890 | 0.0035 | 511,553 |
| Unmetered Scattered Load | kWh | 2,339,356 | 0.0035 | 8,163 |
| Sentinel Lighting | kWh | 130,639 | 0.0035 | 470 |
| Street Lighting | kWh | 5,521,757 | 0.0035 | 19,265 |
| Embedded WNH | kWh | 59,774,648 | 0.0035 | 209,211 |
| Embedded HON | kWh | 12,967,510 | 0.0035 | 45,386 |
| Embedded Distributor - Brantford | kWh | 354,176 | 0.0035 | 1,240 |
| Embedded Distributor - HON \#1 | kWh | 12,416,761 | 0.0035 | 43,459 |
| Embedded Distributor - HON \#2 | kWh | 44,072,897 | 0.0035 | 154,255 |
| TOTAL |  | 1,706,659,629 |  | 5,970,420 |


| CBR | Volume Metric | 2019 Test Year |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Class per Load Forecast |  |  |  |  |
| Residential | kWh | 479,465,862 | 0.0004 | 191,609 |
| GS<50kW | kWh | 200,889,661 | 0.0004 | 80,438 |
| General Service > 50 to 999 kW | kWh | 507,287,046 | 0.0004 | 202,587 |
| General Service > 1000 to 4999 kW | kWh | 235,281,425 | 0.0004 | 94,214 |
| Large Use | kWh | 146,157,890 | 0.0004 | 58,463 |
| Unmetered Scattered Load | kWh | 2,339,356 | 0.0004 | 933 |
| Sentinel Lighting | kWh | 130,639 | 0.0004 | 54 |
| Street Lighting | kWh | 5,521,757 | 0.0004 | 2,202 |
| Embedded WNH | kWh | 59,774,648 | 0.0004 | 23,910 |
| Embedded HON | kWh | 12,967,510 | 0.0004 | 5,187 |
| Embedded Distributor - Brantford | kWh | 354,176 | 0.0004 | 142 |
| Embedded Distributor - HON \#1 | kWh | 12,416,761 | 0.0004 | 4,967 |
| Embedded Distributor - HON \#2 | kWh | 44,072,897 | 0.0004 | 17,629 |
| TOTAL |  | 1,706,659,629 |  | 682,334 |


| Smart Meter Entity |  |  | 2019 Test Year |  |
| :--- | :--- | ---: | ---: | ---: |
| Class per Load Forecast | Volume Metric |  |  |  |
| Residential | \# of Customer | 704,127 | 0.5700 | 401,352 |
| GS<50kW | \# of Customer | 77,410 | 0.5700 | 44,123 |
| TOTAL |  | $\mathbf{7 8 1 , 5 3 6}$ |  | $\mathbf{4 4 5 , 4 7 6}$ |

### 2.6 TREATMENT OF STRANDED ASSETS RELATED TO SMART METER DEPLOYMENT

The former CND previously disposed of its stranded meter costs in its last cost of service rate application in 2014 (EB-2013-0116). The former BCP last rebased in 2011 in EB-2010-0125. In its Smart Meter Application (EB-2012-0265), the former BCP indicated that it intended to leave the stranded meters in rate base until its next Cost of Service Application. The Board, in its Decision found that it would be appropriate for the former BCP to leave the stranded meters in rate base and to continue to depreciate them until they could be removed from service in its next cost of service application. As a result, Energy+ is seeking disposition of the residual stranded meter asset value.

Table 2-26, below, which is a summary of Appendix 2-S, provides the net book value of the stranded meters to December 31, 2018. Energy+ has included a proposal in Exhibit 9 to recover the residual value of the stranded meters, which have been removed from rate base and recorded in Account 1555 - Sub-account Stranded Meter Costs, as part of this Application, through a separate rate rider.

Table 2-26: Stranded Meters - Former BCP

| Energy+ Inc. (Applicable to Former Brant County Power Inc. Only) Appendix 2-S Stranded Meter Treatment |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Notes | Gross Asset Value | Accumulated Amortization |  | Contributed Capital (Net of Amortization) |  | sset | Proceeds on Disposition | Residual Net Book Value |  |
|  |  | (A) |  | (B) | (C) |  | (B) - (C) | (E) |  | D) - (E) |
| 2006 |  |  |  |  |  | \$ | - |  | \$ | - |
| 2007 |  |  |  |  |  | \$ | - |  | \$ | - |
| 2008 |  |  |  |  |  | \$ | - |  | \$ | - |
| 2009 |  |  |  |  |  | \$ | - |  | \$ | - |
| 2010 |  |  |  |  |  | \$ | - |  | \$ | - |
| 2011 |  | \$ 1,430,782 | \$ | 602,486 |  | \$ | 828,296 |  | \$ | 828,296 |
| 2012 |  | \$ 1,430,782 | \$ | 666,337 |  | \$ | 764,445 |  | \$ | 764,445 |
| 2013 |  | \$ 1,430,782 | \$ | 1,077,289 |  | \$ | 353,493 |  | \$ | 353,493 |
| 2014 |  | \$ 1,430,782 | \$ | 1,198,333 |  | \$ | 232,449 |  | \$ | 232,449 |
| 2015 |  | \$ 1,430,782 | \$ | 1,270,715 |  | \$ | 160,067 |  | \$ | 160,067 |
| 2016 |  | \$ 1,430,782 | \$ | 1,289,579 |  | \$ | 141,203 |  | \$ | 141,203 |
| 2017 |  | \$ 1,430,782 | \$ | 1,308,444 |  | \$ | 122,338 |  | \$ | 122,338 |
| 2018 | (1) | \$ 1,430,782 | \$ | 1,327,309 |  | \$ | 103,473 |  | \$ | 103,473 |

### 2.7 CAPITAL EXPENDITURES

### 2.7.1 Planning

### 2.7.1.1 Background

Energy+ has prepared a Distribution System Plan ("DSP") in accordance with the OEB's Chapter 5 Consolidated Distribution System Plan Filing Requirements dated 28 March 2013 (the "Chapter 5 Filing Requirements") in support of its 2019 forward test-year cost of service rate application. Energy+ retained METSCO Energy Solutions Inc. ("METSCO") to advise on and assist with the preparation of this DSP.

Energy+'s DSP has been prepared to support the four key objectives from the OEB's Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach ("RRFE"):

1. Customer Focus: services are provided in a manner that responds to identified customer preferences;
2. Operational Effectiveness: continuous improvement in productivity and cost performance is achieved; and utilities deliver on system reliability and quality objectives;
3. Public Policy Responsiveness: utilities deliver on obligations mandated by government (e.g., in legislation and in regulatory requirements imposed further to Ministerial directives to the Board); and
4. Financial Performance: financial viability is maintained; and savings from operational effectiveness are sustainable.

The DSP has been organized using the same headings as the Chapter 5 Filing Requirements, with the corresponding section number from the Chapter 5 Filing Requirements included in brackets for each heading.

The DSP contains four sections including an introductory section as Section 1. Section 2 provides a high-level overview of the DSP, including coordinated planning with third parties and performance measurement for continuous improvement. Section 3 provides an overview of Energy+'s asset management process, including an overview of the assets managed and asset lifecycle optimization policies and practices. Section 4 provides a summary of Energy+'s capital expenditure plan, including an overview of the capital
expenditure planning process, an assessment of the system capability for Renewable Energy Generation ("REG"), and justification of material projects.

Information related to the Regional Planning process is found in Section 2.2.2 of the DSP. Historical data have been presented for the former Cambridge, the former Brant, and consolidated as if the entities were combined since 2014.

### 2.7.1.2 Asset Condition Assessment

In 2017, Energy+ commissioned Kinectrics Inc. ("Kinectrics") to complete an Asset Condition Assessment ("ACA") study to review the distribution system in a consolidated manner consisting of the Cambridge and North Dumfries and Brant County service areas. This was an important milestone in understanding the overall condition of assets and specific areas that require investments over the next five to ten years. The complete ACA report is attached as Appendix J in the DSP. The ACA used data compiled in September 2017 and informs the required spending for the System Renewal category, in particular.

### 2.7.1.3 Asset Management Process

Energy+'s asset management objectives, summarized in Table 2-27, below are centered upon the principle of maximizing the performance of the distribution system and providing value to customers and shareholders through the effective investment and allocation of resources and finances. The overall asset management strategy looks at the distribution system in a holistic manner to ensure the focus of investments is targeted to refurbish or replace assets so as to sustain desired service levels and provide long-term value to customers. The asset management approach ensures that the pace of investments in the distribution system are prudent and sustainable.

Energy+'s asset management program incorporates the organization's Vision, Mission, and Core Values which are summarized in Section 1 of the DSP. Energy+'s asset management methodology incorporates the objectives of the OEB's RRFE.

| Rank | Energy+ Asset Management <br> Objectives | Rationale |
| :---: | :--- | :--- |
| 1 | Demonstrate compliance and <br> social responsibility | Investment decisions for distribution assets must meet <br> all safety, regulatory, and environmental requirements. <br> Actively engage customers in the process. |
| 2 | Make informed investment <br> decisions | Prudent investment decisions are critical to ensuring <br> the distribution system provides value to customers <br> and shareholders |
| 3 | Improve financial <br> performance | Financial sustainability and on-going operational <br> excellence is required to manage rate impacts for <br> customers. |
| 4 | Manage risk | Risk mitigation is required in the planning process to <br> reduce outages and cost, especially during extreme <br> weather events. |
| 5 | Improve customer service | Provide value to customers through improved <br> planning, responsiveness to customer preferences, <br> and design practices that allow easier access for <br> integrating new technologies. |
| 6 | Improve reliability | Maintaining and improving reliability is an important <br> indicator of an effective asset management program. |
| 7 | Improve efficiency and <br> effectiveness | Sustain cost savings and find new opportunities for <br> reducing the life cycle cost of operating distribution <br> assets. |

Table 2-27: Ranking and Rationale of Energy+'s Asset Management Objectives

### 2.7.1.4 Asset Lifecycle Optimization Policies and Practices

Energy+ relies on a number of inputs to determine if distribution system assets should be replaced versus refurbished. An annual capital program is developed for overhead and underground distribution projects that have reached the end of their useful life. This consists of overhead pole lines, underground rebuilds, transformers, switches, and station equipment. Energy+ assesses each major asset group to determine a minimum level of investment that is required to ensure the pace of replacement is appropriate based on asset useful life and failure probability. Energy+ uses the recommended Flagged for Action ("FFA") plan in the ACA study as a guideline to determine the pace of investments required in the distribution system.

The list of capital projects is determined based on a project prioritization tool that ranks the projects based on benefits achieved and risks mitigated. Energy+ intends to monitor/track failure activity in order to re-prioritize investment dollars, as needed, into assets that demonstrate a high failure rate. Energy+ has a knowledgeable engineering
and operations team that works closely to evaluate conditions in the distribution system to evaluate trade-offs between capital versus O\&M costs. The team relies on condition information, operational data, and maintenance records to determine the trade-off between investments in capital versus refurbishment of the distribution asset. There are many instances when equipment on the distribution system exceeds its useful life, and in some cases critical parts are replaced or reinforced to extend the useful life of assets.

### 2.7.1.5 Customer Preferences

Customer preferences are determined based on Energy+'s ongoing customer engagement activities. In 2017, Energy+ engaged the services of a third-party consulting firm, Innovative Research Group, Inc. ("Innovative"), to help plan and deliver a multifaceted augmented customer engagement outreach. This augmented customer engagement program included a voluntary on-line feedback workbook and portal, customer focus groups and workshops, telephone surveys among Residential and General Service customers to ensure feedback from representative customer samples, and one-on-one interviews with key account industrial customers. As part of this program, customers were provided detailed information on proposed capital expenditures, operating and maintenance expenses, along with costing information and and proposed rate impacts. The feedback from the customers is based on disclosure of costs and offering choices with rate impacts. Energy+ believes the resulting customer feedback from the augmented customer engagement delivers a genuine understanding of customer stated needs and preferences. Energy+ made changes to their proposed operating and capital expenditures, based on the customer feedback, as outlined in Exhibit 1, Section 1.3.

### 2.7.1.6 Capital Expenditures Planning Process Overview

Energy+ strives to make prudent investments in the distribution system in order to provide value to both customers and shareholders. In the development of the capital expenditure plan, a number of objectives and planning processes are observed and adhered to in order to align the plan with the goals and overall strategic direction of the company.

Energy+ planning objectives that have served as an input into the DSP and capital expenditure plan are summarized below:

1. Investment decisions for distribution assets must meet all safety, regulatory, and environmental requirements.
2. Appropriate allocation of investments to complete system access projects such as municipal road relocations, servicing for new and existing customers, and metering infrastructure.
3. Allocate funding at a program level for system renewal projects to ensure adequate spending for overhead and underground distribution systems to maintain reliability while managing future rate increases.
4. Determine the acceptable level of expenditures required to maintain sufficient system capacity to meet existing and future capacity demand levels.
5. Ensure proper allocation of investments and evaluation of alternatives for general plant assets to support organizational requirements.
6. Review overall spending priorities annually and make necessary adjustments to the plan to ensure expenditures support both the organizations strategic objectives, and customer stated preferences.

Energy+ has determined that there are a number of important inputs required in order to support and ensure capital expenditure objectives and the level of investment is appropriate and is targeted to the correct area. As such, key planning criteria inputs are utilized to support investments in the four main categories of System Access, System Renewal, System Service, and General Plant as follows:

- Consultation with municipal authorities to understand future projects requiring relocation of distribution system assets in support of System Access investments.
- Incorporate input from the City of Cambridge, Township of North Dumfries, County of Brant, and Region of Waterloo to ensure expenditures for residential and commercial/industrial developments can support local economic development initiatives.
- Engage in ongoing customer consultation through in-person meetings, surveys, and focus groups to obtain feedback on the organizations strengths and areas of improvement to identify new opportunities for improving operational efficiency.
- Update asset condition records and information in the Geographic Information System ("GIS") to ensure the latest information is used to support expenditures related to asset renewal to maintain the system as designed in support of System Renewal investments.
- Ongoing review of general plant expenditures relating to IT systems is conducted to ensure risks relating to cyber security and critical information systems are managed.
- Management of general plant investments in fleet is conducted to ensure Energy+ can maintain distribution system using heavy equipment and respond to outages in a timely manner.

This is further aided by Energy's prioritization methodology that helps plan the implementation of projects based on a key set of criteria. The PROSORT tool and the prioritization process are described in Section 4.2.3 of the DSP.

### 2.7.1.7 Planning Horizon

The DSP covers the historical period 2014 to 2017, with 2018 as the Bridge Year and 2019 as the Test Year. The forecast period extends for the five years, 2019 to 2023. It is intended that the DSP will be reviewed on a periodic basis, and amended with new information as it becomes available.

The DSP is very closely based on the Chapter 5 Filing Requirements for Consolidated Distribution System Planning. Under the RRFE, a planning horizon of five years is required to support integrated planning and better alignment of Energy+'s planning cycles with ratesetting cycles. A longer-term approach enhances the predictability necessary to facilitate planning and decision-making by customers and distributors. This also facilitates the costeffective and efficient implementation of the DSP and meeting of OEB expectations in the areas of performance outcomes. The asset assessments are also based on a five year planning period. It is very likely that new developments, not currently identified here, will arise at any given time, and will be amended into the plan.

In order to support integrated planning and better align the distributor planning cycles with rate-setting cycles, the approach to longer-term planning (a minimum of five years) has incorporated the following elements into the plan.

## Longer-Term Planning Element

Enhance the predictability necessary to facilitate planning - including regional planning and decision-making by customers and distributors

Facilitate the cost-effective and efficient implementation of distributor DS Plans and, thereby, the achievement of customer service and cost performance outcomes

Manage consumer rate impacts

## Approach

- Heighten the emphasis on regionally-planned infrastructure
- Complete system renewal and expansion - refresh assets in totality, as per assets' lifecycle using a longer-term bottom-up approach
- Assess the available capacity for renewable generation efforts and community growth
- Initiate review and assessment for enhancement of customer communication
- Improve customer communications and engagement
- Develop detailed implementation plans
- Enhance Conservation Demand Management (CDM) Programs to help manage rate impacts
- Consider system impacts of CDM results
- Assess capital investment scenarios in terms of risk mitigation and longer-term smoothing of customer rate impacts


### 2.7.2 Required Information

Energy+ has provided a copy of the Distribution System Plan ("DSP") as Appendix 2-1 to this Exhibit.

Energy+ has completed Board Appendix 2-AB Capital Expenditure Summary presenting four historical years, the 2018 Bridge Year and five planned years of capital expenditures. Energy+ has made its best efforts to categorize historical projects into the DSP categories (System Access, System Renewal, System Service, and General Plant).

Table 2-28 below provides a summary of historical capital expenditures for the past four historical years, 2014-2016 Actuals, 2017 Forecast, 2018 Bridge Year, 2019 Test Year and the projections for the period 2020-2023. Table 2-23 is a reproduction of the Board Appendix 2-AB Capital Expenditure Summary, included in the DSP. As noted in Section 2.1.3, for comparative purposes, the actual results for the 2014 and 2015 years represent the combined actual results for the former CND and BCP. The 2016 through 2019 Test Year figures represent Energy+. The comparison to "Plan" for the historical periods 2014 to 2015 is based on the combined annual budgets in each year for each of the former utilities. The 2016-2018 Plan represents the Energy+ annual budget.

The former CND previously filed a DSP as part of the 2014 Cost of Service Application. The former BCP however, did not previously file a DSP and last rebased in 2011. Subsequent to the acquisition of the former BCP and the legal amalgamation, Energy+ determined that it was necessary to revise its long-term capital expenditure plan due to changing needs and priorities. As a result, Energy+ submits that it is appropriate to compare the actual combined capital expenditures with annual budgets in light of the changes made to the capital expenditure program commencing in 2015.

For purposes of Appendix 2-AB, Energy+ has included all capital expenditures occurred in the year based on the projects that were undertaken and money that has been spent. The variance between the annual capital expenditures totals in Appendix 2-AB and Table 2-28 and the total fixed asset additions in the fixed asset continuity schedules are due to Work in Progress. A reconciliation to the fixed asset continuity schedules has been provided at the bottom of Table 2-28.


### 2.7.2.1 Summary of Capital Expenditures

Figures presented in this Section are in \$000's.

Table 2-29: Capital Expenditure Summary 2014 through 2023

| Capital Expenditure Category | 2014 <br> Actual | $\begin{gathered} \hline 2015 \\ \text { Actual } \end{gathered}$ | $\begin{gathered} 2016 \\ \text { Actual } \end{gathered}$ | $\begin{array}{c\|} \hline 2017 \\ \text { Forecast } \end{array}$ | $\begin{gathered} \hline 2018 \\ \text { Bridge } \end{gathered}$ | 2019 Test | 2020 Plan | 2021 Plan | 2022 Plan | 2023 Plan |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| System Access | 3,781 | 8,064 | 5,486 | 4,745 | 5,423 | 4,524 | 4,007 | 4,352 | 3,934 | 4,129 |
| System Renewal | 4,361 | 6,069 | 8,193 | 9,030 | 5,819 | 6,653 | 8,591 | 8,007 | 8,849 | 8,672 |
| System Service | 581 | 1,399 | 718 | 418 | 2,531 | 367 | 591 | 954 | 422 | 422 |
| General Plant | 3,037 | 2,337 | 1,786 | 2,405 | 1,880 | 5,343 | 6,156 | 1,668 | 3,538 | 1,765 |
| TOTAL GROSS EXPENDITURES | 11,760 | 17,869 | 16,183 | 16,598 | 15,653 | 16,887 | 19,345 | 14,981 | 16,743 | 14,988 |
| Deferred Revenue (Capital Contributions) | (756) | $(4,496)$ | $(2,763)$ | $(1,182)$ | $(2,133)$ | (817) | (769) | (886) | (772) | (782) |
| TOTAL NET EXPENDITURES | 11,004 | 13,373 | 13,420 | 15,416 | 13,520 | 16,070 | 18,576 | 14,095 | 15,971 | 14,206 |

Capital spending by category is designed to meet both defined customer preferences and distribution system requirements.

Table 2-30: Average Annual Capital Expenditures - Historical and Forecast Period

Energy+'s average annual capital expenditures over the historical period (2014 through 2017) were $\$ 13,303,000$, compared to the planned capital expenditures over the forecast period 2019-2023 of $\$ 15,784,000$.

The former CND's Distribution System Capital Plan, approved as part of its 2014 Cost of Service Application, provided for expected net capital expenditures of $\$ 71.5 \mathrm{MM}$ over the period 2014-2018. Included in the previous DSP was a potential investment of $\$ 16.5 \mathrm{MM}$ related to a new transformer station. Excluding this investment, the planned expenditures were $\$ 67.1 \mathrm{MM}$ gross and $\$ 55.0 \mathrm{MM}$ net. The average over the five year period was estimated at approximately $\$ 13.4 \mathrm{MM}$ gross and $\$ 11.0 \mathrm{MM}$ net. The former CND DSP did
not include any capital investments required for the Brant County service territory, which was acquired in the latter part of 2014.

The increase in average net capital expenditures in the forecast period, compared to the historical period, is driven predominantly by increased System Renewal expenditures and an increase in General Plant expenditures.

In 2017, Energy+ commissioned Kinectrics to complete an Asset Condition Assessment ("ACA") study to review the distribution system in a consolidated manner consisting of both the CND and Brant service areas. This was an important milestone in understanding the overall condition of assets and specific areas that require investments over the next five (5) to ten (10) years. The complete report is attached as Appendix J of the DSP.

Investments in the System Renewal category are supported by the ACA and Energy+'s analysis of defective equipment outages. The ACA recommends asset renewal rates in the Flagged For Action ("FFA") plan based on asset condition and the statistical likelihood of asset failure.

The ACA identified a FFA plan of assets recommended for replacement over the years 2018 to 2023. Out of these recommendations, poles and single-phase underground cables are the most significant drivers for investment, with 2091 poles and 23.2 km of single-phase underground cables FFA. Energy+ has considered these third-party recommendations when developing its DSP and has come up with a balanced capital spending approach that addresses the FFA plan while keeping electricity rates reasonable.

Energy+ is targeting the replacement of $78 \%$ of poles and $82 \%$ of underground cables identified in the FFA plan over the years 2018 to 2023. Energy+ has not seen a significant number of underground cable failures and will, therefore, hold off on significantly ramping up its underground cable replacements.

Increased investments in General Plant over the forecast period 2019-2023 are predominantly driven by a need to invest in new or upgraded facilities to address customer growth, aging facilities, inadequate space for employees, and the need to have an
organization better positioned to serve customers effectively. Over the period 2019-2023, Energy+ plans to invest approximately $\$ 11,400,000$ to upgrade its facilities. The proposed investments in 2019 and 2020 does result in higher net capital expenditures in those years, compared to the remaining forecast period. Energy+ has attempted, where possible, to manage the level of System Renewal expenditures in those years to accommodate higher investment requirements in General Plant, while at the same time recognizing the need to renew the distribution system, particularly in the Brant service territory. Further information with respect to Energy+'s land and facilities plan is provided in Section 2.7.3 and in a separate business plan incorporated as part of the DSP.

Please refer to Section 2.7.2.3 for further explanation on variances by year and by investment category for the historical periods (2014-2017), 2018 Bridge and 2019 Test Year.

### 2.7.2.2 Drivers by Investment Category

As part of the development of the DSP, Energy+ has categorized its historical and 2018 Bridge Year, 2019 Test Year and 2020-2023 forecasted capital expenditures into four investment categories:

1. System Access Investments - modifications, including asset relocations, to a distributor's distribution system that a distributor is obligated to perform to provide a customer or group of customers with access to electricity services via the distribution system;
2. System Renewal Investments - replacing and/or refurbishing system assets to extend the original service life of the assets and thereby maintain the ability of the distributor's distribution system to provide customers with electricity services;
3. System Service Investments - modifications to a distributor's distribution system to ensure the distribution system continues to meet a distributor's operational objectives while addressing anticipated future customer service requirements;
4. General Plant Investments - modifications, replacements, or additions to a distributor's assets that are not part of the distribution system, including land and buildings, tools and equipment, rolling stock, and electronic devices and software used to support day to day business and operations activities.

Figure 2-1 presents Energy+'s budgeted annual capital expenditures, net of capital contributions, for each year of the forecast period by investment category.


Figure 2-1: Total annual capital expenditures over the forecast period, net of capital contributions


## System Access

System access investments are planned primarily in response to customer service requests (e.g. new services and system expansions such as new subdivision development), while third-party infrastructure development requirements are expected to be less than historical period spending in this category. These projects are initiated by external parties and spending in this category is largely outside of Energy+'s control. There are no major third-party infrastructure development projects planned over the forecast period, whereas major projects such as the Franklin Boulevard Roundabouts, Highway 401 Widening, and Rest Acres Development were completed over the historical period. The reduction in third-party infrastructure development requirements is also responsible for the reduced capital contributions budgeted over the forecast period.

Certain projects in the system access category are driven by load growth such as a new Primary Metering Unit to meet the additional capacity requirements in the Brant area. Meters installed at customer demarcation points are also budgeted in the system access category to meet mandated
service obligations. As an aggregate, system access spending is forecast to be relatively stable over the forecast period due to a steady customer growth predicted.

Table 2-31 provides a summary of the System Access capital expenditures for the 2019 Test Year.

Table 2-31: 2019 Test Year System Access Capital Expenditures

| Primary Driver | $\mathbf{2 0 1 9}$ |
| :---: | ---: |
| System Expansion | $\$ 1,518,015$ |
| New Customer Connections | $1,488,500$ |
| Metering | 751,092 |
| Relocations | 766,600 |
| System Access Total | $\mathbf{\$ 4 , 5 2 4 , 2 0 7}$ |
| Deferred Revenue | $(817,480)$ |
| System Access (Net) | $\mathbf{\$ 3 , 7 0 6 , 7 2 7}$ |

6

## System Renewal

The size and mix of capital investments in the system renewal category is primarily driven by the results of Energy+'s Asset Condition Assessment (refer to the DSP, Appendix J) completed by an independent third-party contractor. This is the first ACA since Energy+ began managing assets in the Brant area. The ACA recommends a "Flagged for Action" ("FFA") plan of assets for replacement over the forecast period. System renewal spending is allocated to assets with the greatest need for replacement. Energy+ has balanced the recommended FFA plan with prudence in order to achieve the desired pace of capital investment over the forecast period.

The ACA found the condition of poles and primary underground cables - the main trigger of overhead and underground rebuild programs, respectively - to be proportionally worse in the Brant area compared to the Cambridge and North Dumfries area. This indicates underspending on system renewal programs in the Brant area, which is being corrected by Energy+ in this Application. The FFA result is the accumulated number of units that would be renewed to maintain asset health at acceptable levels and is based on the likely rate that assets will reach end of life. Statistically even a unit in "very good" condition has a chance to fail (though the failure rate is extremely low).

1 Table 2-32 provides a summary of the System Renewal capital expenditures for the 2019 Test 2 Year.

Table 2-32: 2019 Test Year System Renewal Capital Expenditures

| Project Type | $\mathbf{2 0 1 9}$ |
| :---: | ---: |
| Overhead Rebuild | $\$ 3,048,000$ |
| Pole Replacements | 548,100 |
| Line Transformers Capitalized | 450,000 |
| Underground Rebuild | $1,748,100$ |
| Porcelain Insulator Replacements with Polymer | 362,000 |
| Vault Lid Replacements | 132,000 |
| Porcelain SMD-20 / Fault Tamer Replacements with Polymer | 110,500 |
| Switchgear Replacements | 85,000 |
| Pad-mounted Transformer Replacements | 83,000 |
| MTS Equipment Renewal | 55,000 |
| Load-break Switch Replacements | 31,000 |
| System Renewal Total | $\$ 6,652,700$ |

## 5

## System Services

 growth. the area.System service capital investments are primarily reliability-driven such as enhanced switching, enhanced fault detection, and feeder improvements. Projects are planned to meet customers' expectations with respect to reliability of the system (Refer to Section 4.2.4 in the DSP, Exhibit 2). The level of expenditure related to relieving system capacity constraints is directly tied to load

System service spending was comparatively higher over the historical period (particularly in 2018 Bridge Year) compared to the forecast period due to costs related to land purchase and engineering/environmental studies for MTS \#2, planned for the Cambridge area. These expenditures have been included as part of "Assets Not In Use" in the 2018 Bridge Year and 2019 Test Year and are therefore not included as part of the 2019 Rate Base computation. Future costs for MTS\#2 have been deferred outside of the forecast period, contingent on load growth in

1 Table 2-33 provides a summary of the System Service capital expenditures for the 2019 Test 2 Year.

Table 2-33: 2019 Test Year System Service Capital Expenditures

| Primary Driver | $\mathbf{2 0 1 9}$ |
| :---: | ---: |
| Enhanced Switching | $\$ 271,000$ |
| Feeder Improvements | 69,000 |
| Enhanced Fault <br> Detection | 27,000 |
| System Service Total | $\mathbf{\$ 3 6 7 , 0 0 0}$ |

Table 2-34: 2019 Test Year General Plant Capital Expenditures

| Project Type | $\mathbf{2 0 1 9}$ |
| :---: | ---: |
| Buildings | $\$ 4,400,000$ |
| Information Systems Technology | 767,200 |
| Vehicles | 105,000 |
| Tools and Equipment | 66,700 |
| Office Equipment and Furniture | 3,600 |
| General Plant Total | $\$ 5,342,500$ |

## General Plant

General plant investments are generally categorized as either buildings, IT, vehicles, tools and equipment, or office equipment and furniture. These investments are made to support the day-to-day business operations and improve the operational efficiency of Energy+.

Table 2-34 provides a summary of the general plant capital expenditures for the 2019 Test Year.

Please refer to Section 2.7.3 for a detailed summary of Energy+'s long-term Land and Facilities Plan.

For more details with respect to the 2019 Test Year Capital investments, please refer to Energy+'s DSP in Appendix 2-1 of this Exhibit.
2.7.2.3 Summary of Capital Projects

Table 2-35 (Chapter 2, Appendix 2-AA), below presents a summary of the gross capital expenditures by project for the historical period 2014 to 2017, the 2018 Bridge Year and 2019 Test Year.

| Projects | 2014 | 2015 | 2016 | $2017$ <br> Forecast | $\begin{gathered} 2018 \\ \text { Bridge } \end{gathered}$ | $\begin{aligned} & 2019 \\ & \text { Test } \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis | CGAAP | MIFRS | MIFRS | MIFRS | MIFRS | MIFRS |
| System Access: |  |  |  |  |  |  |
| Servicing Industrial (Underground) | 1,009,050 | 519,325 | 1,145,929 | 757,000 | 1,193,500 | 1,193,500 |
| Subdivision Capital Investment (by developer) | 923,206 | 2,843,915 | 1,172,571 | 957,159 | 935,115 | 935,115 |
| Franklin Boulevard Roundabouts - Year 1 | 238,095 | 1,792,761 | - | - | - | - |
| Franklin Boulevard Roundabouts - Year 2 | 173,304 | 107,324 | 127,897 | 1,685,000 | - | - |
| Relocations - Fountain St. (Cherry Blossom to Kossuth) (Region of Waterloo) | - | - | - | - | 1,170,000 | - |
| Meters (Included in General Plant prior to 2019 to align to previous DSP) | - | - | - | - | - | 421,092 |
| Meters (MIST Program) | - | - | - | - | - | 330,000 |
| Powerline Road from Rest Acres Rd to Mile Hill Road - 0.6KM OH to UG Conversion | - | - | - | - | 695,000 | - |
| Grand River Street from St. Patrick to North Limits of Paris (1.6km) - 6 FFA Poles | - | - | - | - | - | 322,950 |
| Creekside Corporate Campus (adjacent to Highway \#8) | - | - | - | - | 300,000 | - |
| Relocations - Adam/Queen/Guelph Intersection | - | - | - | - | 201,000 | - |
| Brant 403 Business Park Phase 2 | - | - | - | - | - | 297,900 |
| Connection from end of Intermarket Road (Creekside Corporate Campus Phase 2) and Boychuk Drive (Creekside Corporate Campus Phase 1) - 0.7km - North West Industrial Area - City of Cambridge - CND Area | - | - | - | - | - | 180,000 |
| Relocations - Elgin St.. N. (Glamis Rd. to CP Rail Bridge) - (City of Cambridge) - CND Area | - | - | - | - | - | 172,600 |
| Servicing Industrial (Overhead) | - | 210,748 | 135,986 | 155,000 | 139,600 | 155,000 |
| Relocations - Various City/Township/Region Projects | - | 223,212 | 144,007 | 141,000 | 143,900 | 167,400 |
| Relocation/rebuild of existing 4.8 kV line at LaFarge Gravel Pit | - | - | - | - | 153,600 | - |
| $\begin{array}{l}\text { Relocations - Elliott St. - Henry St. to East St. (City of Cambridge) - CND Area (0 FFA } \\ \text { Poles) }\end{array}$ | - | - | - | - | 129,720 | - |
| East West Arterial Road (Intermarket Road - Creekside Corporate Campus Phase 2) [adjacent to Highway \#8 in Cambridge) - CP Rail (East of King Street) to 0.6km East North West Industrial Area - City of Cambridge - CND Area | - | - | - | - | - | 105,000 |
| Servicing Residential (Overhead) | - | - | 50,768 | 61,500 | 70,000 | 70,000 |
| Servicing Residential (Underground) | - | - | 86,546 | 46,000 | 70,000 | 70,000 |
| Relocations - Shantz Hill Road (Region of Waterloo) | - | - | - | 75,200 | 80,000 | - |
| Relocations - South Boundary Road (SBR) - Water St. S.ISBR, Cheese Factory Rd./SBR | - | - | 448,252 | 163,000 | 67,680 | - |
| Relocations - St. Andrews St. (Region of Waterloo) | - | - | - | 230,000 | - | - |
| Relocations - Swan St./Northumberland St. (Region of Waterloo) | - | - | - | 394,800 | - | - |
| Double Circuit Existing 27.6kV Line - Fountain St (Shantz Hill to Dickie Settlement Road) 2.8km | - | 800,327 | 205,594 | - | - | - |
| Relocations - Fountain St./King St. (Region of Waterloo) | - | - | 384,608 | - | - | - |
| PM5 from Station | - | - | 261,561 | - | - | - |
| Rest Acres Bethel Rd. M11 to Robinson | - | - | 235,931 | - | - | - |
| Speedsville Relocations | 334,393 | - | - | - | - | - |
| Fountain St. Relocations (Ministry of Transportation) | 227,179 | - | - | - | - | - |
| Fountain St. Rebuild - Ph2 | - | - | 205,594 | - | - | - |
| Highway 401 Widening and Bridge Replacements | - | 288,286 | 74,014 | - | - | - |
| Relocations - 12.5 Water St. S (City of Cambridge) | - | 238,848 | - | - | - | - |
| Pole Upgrade Powerline Rd. (Brantford Power Inc.) | - | 209,502 | - | - | - | - |
| Munch Ave Relocations | - | 204,702 | - | - | - | - |
| $\begin{array}{l}\text { Double Circuit Existing 27.6kV Line - Bishop St. (Conestoga Blvd. to Collier MacMillan Dr.) - } \\ 0.3 \mathrm{~km}\end{array}$ | 159,804 | - | - | - | - | - |
| Rest Acres Bethel Rd. to MS\#5 | 158,948 | - | - | - | - | - |
| Relocations - Shettleston Dr. | - | 135,191 | - | - | - | - |
| Relocations - Sheffield St. | - | - | 134,746 | - | - | - |
| Miscellaneous-System Access | 556,843 | 490,163 | 671,525 | 78,999 | 73,900 | 103,650 |
| Sub-Total for System Access | 3,780,821 | 8,064,304 | 5,485,529 | 4,744,658 | 5,423,015 | 4,524,207 |


| System Renewal: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rebuild existing 16 kV underground primary - Forest Drive, Columbine Crescent, Magnolia Drive, Larkspur Lane, Abeles Avenue, Clover Court (Paris) - approx. 200 customers (1973) 2.2KM Brant Area | - | - | - | - | - | 1,080,400 |
| Rebuild and Convert Overhead Line from $8.32 / 4.8 \mathrm{kV}$ to $27.6 / 16 \mathrm{kV}$ - Cockshutt Road from Sour Springs Road to River Road \& McGill Road from Cockshutt Road to 2 km West of Cockshutt Road (72 Poles Removed)- 3.3km - Brant Area | - | - | - | - | 964,000 | - |
| Rebuild and Convert Overhead Line from 4.8 kV to $27.6 / 16 \mathrm{kV}$ - Powerline Road from Rest Acres Road to Bishopsgate Road - 3.5km (50 Poles FFA Removed) | - | - | - | - | - | 750,000 |
| Grand Ridge Drive Area Underground Rebuild (1977-1979) - (presently 27.6 kV ) |  | - | - | 482,400 | 713,300 | - |
| Rebuild and Convert Overhead Line from 4.8 kV to 16 kV - Langford Church Rd from Colborne Street East to North of County Rd 8-4km (26 Poles FFA ) - Brant Area | - | - | - | - | - | 600,000 |
| Pole Replacements | 619,925 | 557,401 | 642,503 | 1,360,892 | 833,200 | 548,100 |
| Rebuild and Convert Overhead Line from $8.32 / 4.8 \mathrm{kV}$ to $27.6 / 16 \mathrm{kV}$ - Burtch Road from West of Biggars Lane to Cockshutt Road (53 Poles Removed) - 2.7 km - Brant Area | - | - | - | - | 611,000 | - |
| Rebuild and Convert Overhead Line from $8.32 / 4.8 \mathrm{kV}$ to $27.6 / 16 \mathrm{kV}$ - Cockshutt Road from Burtch Road to Sour Springs Road (43 Poles Removed) - 2.2 km - Brant Area | - | - | - | - | 635,800 | - |
| Rebuild and Convert Overhead Line from $8.32 / 4.8 \mathrm{kV}$ to $27.6 / 16 \mathrm{kV}$ - Colborne Street East from East of McBay Road to Maden Road - 1.8km - 30 Poles FFA - Brant Area | - | - | - | - | - | 502,000 |
| Line Transformers (Various Projects) | 467,247 | 306,845 | 679,308 | 390,000 | 450,000 | 450,000 |
| Rebuild and Convert Overhead Line from Single Phase to Three Phase ( 4.8 kV to $27.6 \mathrm{kV} / 16 \mathrm{kV}$ )- Park Road North from Powerline Road to Governors Road East - 2.1km (15 Poles FFA Removed) | - | - | - | - | - | 442,000 |
| Underground Rebuild - Bluerock Crescent (1979) - 60 customers (presently 27.6kV) - CND Area - 0.8 km |  | - | - | - | - | 392,700 |
| Rebuild existing 27.6kV line on and behind Queen Street West from Shepherd Avenue to Guelph Avenue (20 Poles Removed) - CND Area - 1.6 km | - | - | - | - | 328,250 | - |
| Porcelain Insulator Replacements with Polymer | 110,684 | 113,498 | 86,683 | 70,975 | 317,000 | 362,000 |
| Rebuild and Convert Overhead Line from 4.8 kV to $27.6 / 16 \mathrm{kV}$ - Cockshutt Road from River Road to Tutela Heights Road -1.6 km (11 Poles FFA Removed) | - | - | - | - | - | 334,000 |
| Cindy Avenue (1977) - 52 customers (presently 27.6 kV ) |  | - | - | - | 281,000 | - |
| Brant UG Rebuild existing 4.8 kV primary - Isabel Dr. and August Ave. Approx. 50 customers (1976), - 0.7KM | - | - | - | - | - | 275,000 |
| Rebuild and Convert Overhead 4.8 kV to 16 kV Line - Governors Rd East from King George Rd to Park Road - 1.6KM (8 Poles FFA) | - | - | - | - | - | 240,000 |
| Rebuild and Convert Overhead 4.8 kV to 16 kV Line - River Road from Cockshutt Rd to Newport Rd - 1.2KM ( 15 Poles FFA) | - | - | - | - | - | 180,000 |
| Galt Core Area Upgrades | 221,648 | 167,075 | 318,817 | 244,700 | 132,000 | 132,000 |
| Rebuild and Convert Overhead Line from 4.8 kV to 16 kV - Robinson Road from Mill Street to 0.7 km West of Mill Street \& Convert Tx's on Bishopsgate Rd (11 Poles Removed)- 0.7km Brant Area |  | - | - | - | 123,000 | - |
| Porcelain SMD-20 Replacements with Polymer - CND Area | 56,387 | 82,370 | 242,425 | 44,000 | 110,500 | 110,500 |
| PMH Switching Unit Replacements |  | 82,823 | 116,334 | 168,000 | 85,000 | 85,000 |
| Concrete Pole Replacement - Colborne Street East - Part 1 of 2 - Brant Area |  | - |  | 109,000 | 85,650 | - |
| Powerline Rd. Rebuild - Brant Area |  | - | 363,705 | 1,000,774 | - |  |
| Rebuild and Convert Overhead Line from $8.32 / 4.8 \mathrm{kV}$ to $27.6 / 16 \mathrm{kV}$ - McMillan Road from Powerline Road to Lynden Road - 2.2 km | - | - | - | 751,170 | - | - |
| 4kV Underground Conversion in South part of Paris - Old Mill Street, Gilston Parkway, Race Street, Hillside Avenue - approx. 120 customers (1960's) |  | - | - | 706,700 | - | - |
| Avonlea/Earlwood/Briarwood Area Underground Rebuild (1974) - 122 customers (presently 27.6 kV ) | - | - | - | 658,250 | - | - |
| Rebuild and Convert Overhead Line from 8.32/4.8kV to 27.6/16kV - King George Road from North of Powerline Road to Governors Road East - 1.8km | - | - | - | 614,629 | - | - |
| Rebuild and Convert Overhead Line from 4.8 kV to $27.6 / 16 \mathrm{kV}$ - Cleaver Road from Bethel Road to Robinson Road - 2.1km | - | - | - | 430,700 | - | - |
| Lang's Circle (1978) - 63 customers (presently 27.6 kV ) |  | - | - | 340,400 | - | - |
| Welsh Dr./Trussler Rd. Underground Rebuild (mid 1970's) - 14 customers (presently 4.8kV) | - | - | - | 257,900 | - | - |
| Rebuild and Convert Overhead Line from $8.32 / 4.8 \mathrm{kV}$ to $27.6 / 16 \mathrm{kV}$ - Robinson Road from Highland Drive to Mill Street - 1 km | - | - | - | 205,100 | - | - |
| Replacement of Rusted Mini-Pad Transformers (Various Areas not included in rebuilds) Brant Area | - | - | - | 170,750 | - | - |
| Rebuild and Convert Overhead Line from 8.32/4.8kV to $27.6 / 16 \mathrm{kV}$ - Mill Street from Robinson Road to 0.7 km South of Robinson Road -0.7 km | - | - | - | 143,500 | - | - |
| Avenue Road near Grandy Lane (1967+) (8kV) - 0.4km | - | - | - | 74,400 | - | - |
| Rebuild and Convert Glengarry Court from Underground 4.8 kV to Underground 16 kV - 1 Mini Pad Transformer (1973) | - | - | - | 74,000 | - | - |
| Cambrian Hills Area (1975/76) - Winston/Gunn/Randall/Ashwood/Westbury/Grey Abbey/Rideau/Thomas/Erindale/Ivanhoe/Woodgate/Cottontail/Kribs Area - (presently 27.6kV ) | - | 556,998 | 1,733,325 | - | - | - |
| Robinson Rd to Green Rd 8kV conversion M25 | - | - | 761,269 | - | - | - |
| Part of Spragues Road and Part of Alps Road (1950's to 1990's) ( 8 kV ) - 4.1km - Started in 2015 and to be finished in 2016. | - | - | 547,334 | - | - | - |
| Byton Lane, part of Grand Ridge Drive, Mark Crescent, Johanna Drive, Duchess Drive, Angela Crescent, part of Wedgewood Drive, part of Delavan Drive, part of Birchlawn Avenue (1977-1979) - 328 customers (presently 27.6 kV ) - Part 1 of 2 | . | - | 455,865 | - | - | - |
| Speedsville Road from Maple Grove Road to South of Kossuth Rd (couple poles dating back to 1939 , mostly 1965) ( 8 kV ) -3.1 km | - | - | 361,892 | - | - | - |
| Middle Block Road from Fountain Street to Speedsville Road (1950's) (8kV ) - 2 km | - | - | 283,926 | - | - | - |
| Hespeler Road Rebuild (Kossuth Rd and Black Ridge Rd. 1950 8kV 2.5 km ) |  | 290,147 | 252,540 | - | - | - |
| 8 kV to 27.6 kV Conversion Powerline Rd. (MS\#2, MS\#4, MS\#6) | - | - | 244,319 | - | - | - |
| Pleasant Ridge Rd - Rebuild | - | - | 185,103 | - | - | - |
| Blair Road near Langdon Hall (1960's to 1990's) (8kV ) - 1.7km | - | - | 191,686 | - | - | - |
| West River Road Rebuild 16kv | - | 208,168 | 165,996 | - | - | - |
| Fallbrook Lane/Langdon Drive - 0.8km | - | - | 162,469 | - | - | - |
| Cheese Factory 16kV Rebuild | 180,003 | - | - | - | - | - |
| Greenfield Road from Dumfries Rd. to East of Spragues Rd./parts of Edworthy Rd. and Alps Rd. -10.1 km | 20,447 | 1,668,640 | - | - | - | - |
| Northview Acres Area Underground Rebuild | 889,090 | 878,406 | 19,886 | - | - | - |
| Muncipal Station \#4 Removal; Convert Burtch Rd. between Mount Pleasant and Pleasant Ridge. Rd. | - | 202,299 | - | - | - | - |
| Willow St. Upgrade | - | 197,185 | - | - | - | - |
| Shellard Road - Morrison Road to Gore Road - 5.1km | 653,840 | - | - | - | - | - |
| Beke Road - Spragues Road to End - 0.8km | 264,114 | - | - | - | - | - |
| Colborne St. W Conversion | 178,355 | - | - | - | - | - |
| Shellard Road - Morrison Road to Gore Road (Phase 3) | - | 153,439 | - | - | - | - |
| Miscellaneous | 699,652 | 603,524 | 377,640 | 731,778 | 149,000 | 169,000 |
| Sub-Total for System Renewal | 4,361,392 | 6,068,818 | 8,193,024 | 9,030,009 | 5,818,700 | 6,652,700 |


| System Service: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Scada-Mate Switches | - | - | - | - | 240,000 | 240,000 |
| Load break Switches | 282,456 | - | 410,876 | 77,000 | 132,000 | 62,000 |
| SCADA Switch Controllers/Reclosures | - | 462,247 | 164,416 | - | - | - |
| Capacitor Banks (1/3 Ownership Brantford/Brant TS) | - | 387,395 | - | - | - | - |
| Engineering/Environmental Studies for MTS\#2 | - | - | - | 200,000 | 100,000 | - |
| Hydro One AACE Class 3 Estimate for MTS \# 2 | - | - | - | - | 276,000 | - |
| Purchase of Land for new Transformer Station (MTS\#2) | - | - | - | - | 1,650,000 | - |
| Improve fault isolation (Brant) | - | 122,144 | - | - | - | - |
| PM5 Feeder from King George Rd. to Municipal Station \#2 (Brant) | - | 141,553 | - | - | - | - |
| Miscellaneous-System Service | 298,853 | 285,452 | 143,167 | 141,089 | 133,100 | 65,000 |
| Sub-Total for System Service | 581,309 | 1,398,791 | 718,459 | 418,089 | 2,531,100 | 367,000 |
| General Plant: |  |  |  |  |  |  |
| Shared Operations Centre - Capital Lease with Brantford Power Inc. | - | - | - | - | - | 4,400,000 |
| Meters (Reallocated to System Access commencing in 2019); General Plant 2014-2018 to be consistent with DSP | 295,527 | 109,975 | 257,549 | 682,390 | 408,242 | - |
| Meters (MIST Program) | - | - | - | 98,098 | 416,000 | - |
| Primary Metering Upgrade | - | 86,547 | 62,541 | - | - | - |
| Computer Software - OMS Implementation (2014/2015); OMS Upgrade - End of Life (2019) | 652,637 | 449,324 | 43,950 | - | - | 100,000 |
| Computer Software - CIS Northstar 6.4 Upgrade | - | - | - | 83,580 | - | - |
| Computer Software - GIS Conversion | - | - | 84,066 | 120,000 | - | - |
| Computer Software - Prism (SCADA) Upgrade | - | - | - | - | 138,000 | - |
| Computer Software - ERP Upgrade - End of Life | - | 50,980 | - | - | 90,000 | - |
| Computer Software - RNI Upgrade | 69,312 | - | - | - | - | - |
| Computer Software - Other - Ugrades/Renewals | 342,384 | 142,451 | - | 399,426 | 384,200 | 426,500 |
| Computer Software Integrations (CIS) | - | 376,779 | 105,391 | - | - | - |
| Computer Software Integrations (ERP) | - | 109,715 | 133,547 | - | - | - |
| Computer Software- Intranet Upgrade | - | - | 50,991 | - | - | - |
| Computer Software/Hardware - Disaster Recovery \& Cyber Security | - | 98,296 | 99,229 | - | - | - |
| Computer Hardware - Asset Replacement Program - End of Life | 191,149 | 155,164 | 118,506 | 167,966 | 168,000 | 240,700 |
| Computer Hardware - Storage Upgrade | 215,324 | - | - | - | - | - |
| Computer Hardware - Core Switch Upgrade - End of Life | - | - | - | 100,000 | - | - |
| Computer Hardware - Truck Radio Upgrade - End of Life | - | - | 15,942 | 75,000 | - | - |
| Transportation - Larger Vehicle Replacements | 652,927 | 429,400 | - | 240,000 | - | - |
| Transportation - Stringing Machines | - | - | 293,363 | - | - | - |
| Transportation - Small Vehicle Replacements - End of Life | 195,146 | 181,419 | 174,394 | 119,000 | 100,000 | 105,000 |
| Tools and Equipment | 67,871 | 45,884 | 79,707 | 159,500 | 108,500 | 66,700 |
| Building - Replace Roof | 79,400 | - | - | - | - | - |
| Miscellaneous | 275,262 | 247,369 | 266,886 | 160,502 | 67,400 | 3,601 |
| Sub-Total for General Plant | 3,036,939 | 2,483,303 | 1,786,062 | 2,405,462 | 1,880,342 | 5,342,501 |
| Miscellaneous | - | - | - | - | - | - |
| Total | 11,760,461 | 18,015,216 | 16,183,074 | 16,598,218 | 15,653,157 | 16,886,408 |
| Less Renewable Generation Facility Assets and Other Non-Rate-Regulated Utility Assets (input as negative) | - | $(145,715)$ | - | - | - | - |
| Total | 11,760,461 | 17,869,501 | 16,183,074 | 16,598,218 | 15,653,157 | 16,886,408 |

### 2.7.2.4 Variance of Year Over Year Category Spending

The following analysis has been prepared in \$000's (rounded) and is consistent with the presentation in Appendix 2-AB Capital Expenditure Summary (also provided as Table 228).

## 2014 Actual and 2014 Board Approved Proxy

For purposes of the 2014 Board Approved Proxy for capital expenditures, Energy+ has used the 2014 Board Approved capital expenditures for the former CND plus the 2014 Budget for the former BCP. Table 2-36 below summarizes the computation of the 2014 Board Approved Proxy, as well as provides the 2014 Actuals.

Energy+ submits that the 2014 Budget for the former Brant County Power Inc. is appropriate given that the former BCP last rebased in 2011 and therefore a capital expenditure Board Approved amount does not exist for the 2014 Year. That being said, the 2011 Board Approved capital expenditures for the former BCP was \$2,775,000 compared to the 2014 Budget of $\$ 2,641,000$ and therefore was not materially different for purposes of the variance analysis.

Table 2-36: 2014 Actuals vs. 2014 Board Approved Proxy (\$'000s)

|  | Energy+ 2014 Board Approved Proxy |  |  | Former BCP2011Board Approved | Energy+ (Consolidated) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { CND DSP } \\ 2014 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { BCP Budget } \\ & 2014 \\ & \hline \end{aligned}$ | Total |  | Board Approved Proxy 2014 | $\begin{aligned} & \text { Actual } \\ & 2014 \\ & \hline \end{aligned}$ | Variance |
| System Access | 8,123 | 915 | 9,038 |  | 9,038 | 3,781 | $(5,257)$ |
| System Renewal | 5,229 | 692 | 5,921 |  | 5,921 | 4,361 | $(1,560)$ |
| System Service | 287 | 575 | 862 |  | 862 | 581 | (281) |
| General Plant | 3,817 | 489 | 4,306 |  | 4,306 | 3,037 | $(1,269)$ |
| Total Gross Capital Expenditures | 17,456 | 2,671 | 20,127 | 2,785 | 20,127 | 11,760 | $(8,367)$ |
| Deferred Revenue/Capital Contributions | $(2,406)$ | (30) | $(2,436)$ | (10) | $(2,436)$ | (756) | 1,680 |
| Net Capital Expenditures | 15,050 | 2,641 | 17,691 | 2,775 | 17,691 | 11,004 | $(6,687)$ |

Gross capital spending in 2014 was $\$ 11,760,000$ or $\$ 8,367,000$ below the 2014 Board Approved Proxy. Net capital expenditures, including capital contributions, were $\$ 6,687,000$ or $38 \%$ below the 2014 Board Approved Proxy. While Energy+ acknowledges that the actual expenditures versus the 2014 Board Approved represents a significant variance, the explanations below provide evidence that Energy+ was prudent in managing its capital program in 2014. Many of the expenditure variances were as a result of: (i) the timing of customer requested projects; (ii) slower than expected customer growth; and (iii)
deferral of certain renewal projects until 2015 to mitigate the impact of higher contractor pricing in 2014 by waiting until 2015 to complete certain projects.

System Access projects, net of capital contributions, contributed to $\$ 3,577,000$ or $53 \%$ of the total variance. This was mainly due to the timing of customer requested projects, and lower than expected customer growth. The following is a summary of the significant variances in the System Access projects planned for 2014:

- Franklin Boulevard Roundabouts (Net $\$ 1,300,000$ )

The Region of Waterloo was not able to acquire the necessary land/easements for this road project until November 2014. This timing left insufficient time to complete construction in a cost effective manner. Tender costs to complete the relocation on one of the planned roundabouts came in at 3.3 times the cost of completing the work, compared to early 2015. Energy+ and the Region of Waterloo agreed that it was financially prudent to delay the work until 2015. This project was completed in 2015.

- Double Circuit 27.6 kV line - Fountain St. - Shantz Hill to Dickie Settlement Road $(\$ 900,000)$

This project was delayed to 2015 as a result of delays in the residential developer being able to obtain the building permits. This project was completed in 2015.

- Triple Circuit 27.6 kV line - Speedsville Rd. North of Royal Oak to Boxwood Drive Industrial Subdivision $(\$ 370,000)$

Industrial lot sales in the Boxwood Industrial subdivision have been slower than anticipated and the planned additional feeders were not required.

2014 Actual System Renewal expenditures were \$4,361,000 or \$1,560,000 lower than the 2014 Board Approved Proxy. The primary reason for the lower than budget system renewal expenditures related to the deferral of the $\$ 1,900,000$ Greenfield Road Project (West of Dumfries Road to East of Spragues Rd.). The timing and complexity involved in the engineering of this project, as well as the winter conditions in late 2013 and early 2014, contributed to delays in commencing this project. Phase 1 of this project was tendered in September 2014. The tendered cost to complete this work came in at 3.3 times the estimated cost to complete this work versus waiting until the $2^{\text {nd }}$ Quarter of 2015. Energy+
decided that it was financially prudent to delay the work until 2015. This project was completed in 2015.

2014 Actual System Service expenditures were $\$ 281,000$ lower than the 2014 Board Approved Proxy. The variance in this category was principally due to project delays and the deferral of the installation of capacitor banks at the Powerline MTS, which is jointly owned by Energy+ and Brantford Power Inc. This project was completed in 2015.

2014 Actual General Plant expenditures were $\$ 3,087,000$ or $\$ 1,269,000$ lower than the 2014 Board Approved Proxy of $\$ 4,306,000$. The lower than expected general plant expenditures were principally explained as follows:

- Meter expenditures $(\$ 628,000)$ - Included in General Plant as part of the 2014 DSP.

The lower than expected meter expenditures was due to: (i) lower than expected meter replacements required due to sampling results, (ii) the cancellation of the purchase of remote disconnect meters; and a lower than expected number of primary metering upgrades.

- Business Continuity and Disaster Recovery Solution $(\$ 185,000)$

This project commenced with an evaluation of options in 2014, including the development of the disaster recovery requirements, meeting with vendors, and cost evaluation. In the latter part of 2014, Energy+ selected an outsourced solution, whereby the disaster recovery site is hosted by a third party for an annual operating cost. The solution was implemented in 2015 and the costs form part of Energy+'s annual operating expenditures.

- IVR Solution $(\$ 150,000)$

This project was deferred indefinitely due to: (i) resources dedicated to the implementation of the Outage Management System; and (ii) to focus on the integration of the customer information system, and other integration efforts, due to the acquisition of the former BCP in order to achieve the expected synergies and cost savings anticipated from the transaction.

- GIS Enhancements $(\$ 180,000)$

Due to the acquisition of the former BCP, further enhancements to the GIS system were deferred pending an evaluation of the requirements to integrate the former BCP GIS system into the existing GIS system.

## 2015 Actual and 2014 Actual

Table 2-37 below summarizes the variances between the 2015 Actual, 2015 Budget, and 2014 Actuals.

2015 Actual net capital expenditures were $\$ 13,373,000$ or $\$ 3,440,000$ lower than the 2015 Plan, and $\$ 2,369,000$ higher than the 2014 Actuals. The variance to the 2015 Budget was principally due to lower than expected System Access expenditures, net of capital contributions. The System Renewal and General Plant expenditure variances to 2015 Budget were not material. The variance to the 2014 Actuals was principally due to an increase in the System Renewal expenditures of \$1,708,000, and an increase in System Service of $\$ 818,000$ partially offset by lower General Plant expenditures.

Table 2-37: 2015 Actuals vs. 2015 Budget vs. 2014 Actuals (\$000's)

|  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Actual 2015 | Budget 2015 | Variance | Actual 2014 |
|  |  |  |  |  |
| System Access, Net of Capital Contributions | 3,568 | 7,667 | $(4,099)$ | 3,025 |
| System Renewal | 6,069 | 5,925 | 144 | 4,361 |
| System Service | 1,399 | 745 | 654 | 581 |
| General Plant | $\mathbf{2 , 3 3 7}$ | $\mathbf{2 , 4 7 6}$ | $(139)$ | $\mathbf{3 , 0 3 7}$ |
| Net Capital Expenditures | $\mathbf{1 3 , 3 7 3}$ | $\mathbf{1 6 , 8 1 3}$ | $\mathbf{( 3 , 4 4 0 )}$ | $\mathbf{1 1 , 0 0 4}$ |

2015 Actual System Access expenditures, net of capital contributions were $\$ 3,568,000$ or $\$ 4,099,000$ less than budget, and slightly higher than the 2014 Actuals. Many of the expenditure variances were as a result of: (i) the timing of customer requested projects; (ii) slower than expected customer growth.

The following is a summary of the significant variances in the System Access projects planned for 2015:

- Servicing Industrial - Overhead and Underground (\$770,000) - Industrial customer growth was lower than expected.
- Servicing Industrial Creekside Corporate Campus $(\$ 500,000)$ - Delayed by the developer.
- Fountain St. Phase 2, including relocations (Shantz Hill to King St.) (\$950,000) Delayed due to the timing of Regional approvals.
- Franklin Boulevard Roundabouts (Year 1) (\$870,000 Net) - Favourable contractor pricing in 2015, as well as improved designs to meet the relocation requirements.
- Engineering Studies re MTS\#2 $(\$ 200,000)$ - Project deferred pending future load growth.

2015 Actual System Renewal expenditures were \$1,708,000 higher than 2014 Actuals and principally reflects the completion of the Greenfield Road project that was deferred from 2014.

2015 Actual System Service expenditures were \$654,000 higher than the 2014 Actuals. The variance in this category was principally due to: (i) the completion of the installation of capacitor banks at the Powerline MTS, which was budgeted in 2014 but deferred until 2015; and (ii) the advancement of an upgrade of SCADA radio system originally planned for 2016.

2015 General Plant expenditures were \$700,000 lower than 2014 Actuals, principally explained by lower meter expenditures, lower vehicle expenditures, and 2014 Actuals included computer hardware and software for a storage upgrade.

## 2016 Actual and 2015 Actual

Table 2-38 below summarizes the variances between the 2016 Actual, 2016 Budget and 2015 Actuals.

Table 2-38: 2016 Actuals vs. 2015 Actuals (\$000's)

|  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Actual 2016 | Budget 2016 | Variance | Actual 2015 |
|  |  |  |  |  |
| System Access, Net of Capital Contributions | 2,723 | 3,076 | $(353)$ | 3,568 |
| System Renewal | 8,193 | 6,700 | 1,493 | 6,069 |
| System Service | 718 | 840 | $(122)$ | 1,399 |
| General Plant | 1,786 | 2,182 | $(396)$ | 2,337 |
| Net Capital Expenditures | $\mathbf{1 3 , 4 2 0}$ | $\mathbf{1 2 , 7 9 8}$ | $\mathbf{6 2 2}$ | $\mathbf{1 3 , 3 7 3}$ |

2016 Actual net capital expenditures were $\$ 13,420,000$ or $\$ 622,000$ higher than the 2016 Plan, and only $\$ 47,000$ higher than the 2015 Actuals. The variance to the 2016 Budget was principally due to higher than expected System Renewal expenditures, partially offset by lower System Access and General Plant expenditures. The System Service variance to the 2016 Budget was not material. The variance to the 2015 Actuals was principally due to an increase in the System Renewal expenditures of $\$ 2,124,000$, substantially offset by lower System Access, System Service and General Plant expenditures.

2016 Actual System Access project were $\$ 353,000$ lower than the 2016 Budget
2016 Actual System Renewal expenditures were $\$ 8,193,000$ or $\$ 1,493,000$ higher than the budget principally attributable to the completion of projects that were initially planned for 2015 and were carried over, including: (i) Cambrian Hills Rebuild (\$848,000); (ii) Hespeler Rd. Rebuild (\$253,000); and (iii) increase in transformers $(\$ 411,000)$ to support the Brant Service territory rebuilds.

2016 Actual System Renewal projects were \$2,124,000 higher than the 2015 Actuals. The increased investment in system renewal was directly attributable to increased expenditure requirements in the Brant service territory based on the condition of the assets. In the latter part of 2015 and early 2016, Energy+ undertook a review and analysis of the assets in the Brant service territory and identified a need to increase the level of renewal capital expenditures. A large portion of the Brant service territory's rural overhead system is past the end of its useful life and has been assessed to be in poor condition. As part of the Asset Condition Assessment and DSP filed with this Application, continued renewal investments in the Brant service territory have been identified.

Some of the material renewal projects completed in 2016 included:

Cambrian Hills Area Rebuild

Pole Replacements

Robinson Road Voltage Conversion

Please refer to Table 2-35 Capital Projects Table for a complete listing of all material renewal projects undertaken in 2016.

2016 Actual General Plant expenditures were \$396,000 lower than 2016 Budget principally due to: (i) lower than planned computer hardware and software costs (the Northstar CIS system upgrade was deferred to 2017), (ii) timing of the implementation of a new radio system for the vehicles, which was completed in early 2017 versus 2016; and (iii) lower meter expenditures explained by lower than anticipated request for new services. 2016 Actual General Plant expenditures were $\$ 551,000$ lower than 2015 Actual; the 2015 Actual expenditures included $\$ 449,000$ related to the implementation of the Outage Management System, which was implemented from 2014-2015.

## 2017 Forecast and 2016 Actual

Table 2-39 below summarizes the variances between the 2017 Forecast, 2017 Budget and 2016 Actuals.

Table 2-39: 2017 Forecast vs. 2016 Actuals (\$'000s)

|  | Forecast 2017 | Budget 2017 | Variance | Actual 2016 |
| :--- | ---: | ---: | ---: | ---: |
| System Access, Net of Capital Contributions | 3,563 | 3,438 | 125 | 2,723 |
| System Renewal | 9,030 | 9,064 | $(34)$ | 8,193 |
| System Service | 418 | 1,984 | $(1,566)$ | 718 |
| General Plant | 2,405 | 3,016 | $(611)$ | 1,786 |
| Net Capital Expenditures | $\mathbf{1 5 , 4 1 6}$ | $\mathbf{1 7 , 5 0 2}$ | $\mathbf{( 2 , 0 8 6 )}$ | $\mathbf{1 3 , 4 2 0}$ |

2017 Forecast net capital expenditures were $\$ 15,416,000$ or $\$ 2,086,000$ lower than the 2017 Budget, and \$1,996,000 higher than the 2016 Actuals. The variance to the 2017 Budget was principally due to: (i) System Service expenditures of $\$ 1,566,000$ lower than expected; and (ii) lower than budget General Plant expenditures (\$611,000). With respect to System Service, the 2017 Budget contemplated an investment in land and engineering studies for a new transformer station (MTS\#2), which was deferred and is now planned for 2018. General Plant expenditures were $\$ 611,000$ lower than the 2017 Budget principally explained by: (i) lower computer hardware and software expenditures, due to a reduction in scope of certain department projects due to changes in priorities and resource constraints; and (ii) the timing of meter expenditures.

2017 Forecast System Access projects were \$840,000 higher than 2016 Actuals. Included in the 2017 Forecast was $\$ 1,102,500$ (net of capital contributions) for the second phase of the Region of Waterloo's Franklin Boulevard Roundabout project in the City of Cambridge. Phase 1 occurred in 2014-2015, with some design work for Phase 2 completed in 2016.

2017 Forecast System Renewal expenditures were consistent with the 2017 Budget, and $\$ 837,000$ higher than 2016 Actuals. The increase in renewal projects is explained by increased pole replacements, particularly in the Brant service territory based on pole testing results, and the Powerline Road rebuild.

As part of an asset condition review performed in 2015-2016 in the Brant service territory, there were approximately $40 \%$ of the poles reviewed that were visibly in poor condition. Many of these poles were installed in the late 1940 's-1950's to 8.32 kV design standards. The poles, therefore, are not suitable for upgrading to 27.6 kV standard clearances.

The Powerline Road rebuild was for a 2.9 km section of an existing $8.32 / 4.8 \mathrm{kV}$ line that had reached the end of its life on Powerline Road from McMillan Road to 2.9 km west of McMillan Road. The line was upgraded to 27.6/16kV. Ultimately, this 27.6KV PM5 feeder will end up in Cainsville when other rebuilds are completed, which will provide needed capacity for expected new development in the area, as well as a back-up feeder to the existing 64M27 feeder. This project also provided the ability for Energy+ to remove a $27.6 / 1 \mathrm{kV}-8.32 / 4.8 \mathrm{kV}$ station from service.

2017 Forecast General Plant expenditures were \$619,000 higher than 2016 Actuals. Expenditures in 2017 included a software upgrade for the Northstar CIS system (deferred from 2016), GIS enhancements, and an MV90 upgrade.

## 2018 Bridge Year and 2017 Forecast

Table 2-40 below summarizes the variances between the 2018 Bridge Year and the 2017 Forecast.

Table 2-40: 2018 Bridge vs. 2017 Forecast (\$000's)

|  | 2018 Bridge | Forecast 2017 | Variance |
| :--- | ---: | ---: | ---: |
| System Access, Net of Capital Contributions | 3,290 | 3,563 | $(273)$ |
| System Renewal | 5,819 | 9,030 | $(3,211)$ |
| System Service | 2,531 | 418 | 2,113 |
| General Plant | 1,880 | 2,405 | $(525)$ |
| Net Capital Expenditures | $\mathbf{1 3 , 5 2 0}$ | $\mathbf{1 5 , 4 1 6}$ | $\mathbf{( 1 , 8 9 6 )}$ |

2018 Bridge Year net capital expenditures are budgeted to be $\$ 13,520,000$ or $\$ 1,896,000$ lower than the 2017 Forecast. The decrease in 2018 Bridge Year is principally due to a reduction is System Renewal expenditure in 2018 in order to level the expenditures in this investment category over the longer term, recognizing the higher renewal expenditures that occurred in 2017, and to provide for an increase in the System Service expenditures.

The 2018 Bridge Year System Access budget includes \$2,708,000 in customer service requests, and $\$ 2,715,000$ due to third-party infrastructure development requirements, offset by $\$ 2,133,000$ in expected capital contributions. Major projects budgeted in 2018
include $\$ 935,000$ in development for new residential subdivisions, $\$ 1,333,000$ for new three-phase services (serving industrial, commercial, multi-unit residential, and institutional customers), and $\$ 2,715,000$ for various asset relocation projects, with the most significant project being the Fountain Street North relocation project.

The 2018 Bridge Year System Renewal expenditures of \$5,819,000 are principally focused on overhead rebuilds and spot pole replacements, predominantly in the Brant service territory, to cost-effectively replace end-of-life poles, as identified in the ACA.

The 2018 Bridge Year System Service expenditures of \$2,531,000 include \$2,026,000 with respect to the planned acquisition of land and related engineering and environmental studies for a new transformer station.

The 2018 Bridge Year General Plant expenditures are expected to be \$525,000 less in 2018 compared to 2017 Forecast principally as a result of: (i) no large vehicle replacement is planned for 2018 as Energy+ was able to extend the life of one of its larger vehicles that was at the end of its useful life through an engine replacement in 2017; (ii) lower computer hardware and software costs as 2017 included a CIS system upgrade, GIS enhancements and an MV90 upgrade.

2019 Test Year and 2018 Bridge Year

Table 2-41 below summarizes the variances between the 2019 Test Year and the 2018 Bridge Year.

Table 2-41: 2019 Test vs. 2018 Bridge (\$000's)

|  | 2019 Test | 2018 Bridge | Variance |
| :--- | ---: | ---: | ---: |
| System Access, Net of Capital Contributions | 3,707 | 3,290 | 417 |
| System Renewal | 6,653 | 5,819 | 834 |
| System Service | 367 | 2,531 | $(2,164)$ |
| General Plant | 5,343 | 1,880 | 3,463 |
| Net Capital Expenditures | $\mathbf{1 6 , 0 7 0}$ | $\mathbf{1 3 , 5 2 0}$ | $\mathbf{2 , 5 5 0}$ |

The 2019 Test Year net capital expenditures are budgeted to be $\$ 16,070,000$ or $\$ 2,550,000$ higher than the 2018 Bridge Year. The increase in the 2019 Test Year is principally due to an increase in General Plant expenditures of $\$ 3,463,000$ and System Renewal expenditures of $\$ 834,000$, partially offset by lower System Service expenditures of $\$ 2,164,000$.

As outlined in the DSP, Energy+ has developed a long-term capital plan that results in Energy+ investing, on average, $\$ 15,788,000$ in net capital expenditures per year over the period 2019-2023. The average level of expenditures per investment category are: (i) System Access $\$ 4,189,000$; (ii) System Renewal $\$ 8,154,000$; (iii) System Service $\$ 551,000$; and (iv) General Plant \$3,694,000.

While Energy+ has made best efforts to level its capital expenditure program over the longer-term, the 2019 Test Year results in an increase in capital expenditures over the 2018 Bridge Year, principally due to planned investments in a new shared operations facility, as further described in Section 2.7.3 Land and Facilities Plan. Included in General Plant in 2019 Test Year is an investment of $\$ 4,400,000$ in a capital lease with Brantford Power Inc. for a shared operations facility to service the Brant service territory.

The 2018 Bridge System Service category included a one-time investment of \$2,026,000 with respect to the planned acquisition of land and related engineering and environmental studies for a new transformer station.

Although the 2019 Test Year System Renewal expenditures are $\$ 834,000$ higher than the 2018 Bridge Year, the budget amount of $\$ 6,653,000$ is less than the overall average
anticipated over the period 2019-2023 of \$8,154,000 in order to accommodate the spike in investment required in General Plant in 2019.

### 2.7.2.5 Treatment of Cost of Funds

Energy+'s accounting policy is to expense borrowing costs. Energy+ does not capitalize interest on capital projects unless they meet the IFRS criteria of a qualifying asset, which is defined in the Board's "Report of the Board EB-2008-0408 Transition to International Financial Reporting Standards, June 28, 2009" as an "asset that necessarily takes a substantial period of time to get ready for its intended use or sale". Energy+ does not have any capitalized borrowing costs forecast in its 2018 Bridge or 2019 Test Year.

### 2.7.2.6 Components of Other Capital Expenditures - Non Distribution

Energy+ confirms that there are no non-distribution activities in its capital expenditures.

### 2.7.2.7 Efficiencies Realized Due to Deployment of Smart Meters and Related Technologies

As noted in the former CND's Smart Meter Application (EB-2013-0116), quantifiable savings of approximately $\$ 155,000$ per year have been realized as a result of no longer requiring Residential and GS< 50 kW customer meters to be read manually be meter readers as a result of the deployment of Smart Meters. Energy+ has also identified other efficiencies and customer benefits that have been realized including:

- Improved estimation of unbilled revenue computations on a monthly basis due to the availability of increased data;
- Reduced risk of billing errors and/or inaccuracies in manual meter reading;
- Reduction in field visits to interrogate meters and/or final meter reads can be performed remotely with ability to investigate anomalies;
- System Control Operators can perform remote interrogation to confirm whether power is on or off if a customer calls with respect to a power outage;
- The transition to monthly billing for Residential customers was simplified due to ability to remotely read the meters.
- Access to on-line data through the My Account (Customer Account) Application, which provides access to hourly Time-of-Use data to customers to allow them to manage their electricity usage.
- Increased ability to monitor meter status through Meter Sense (e.g. meter tampering, hot socket, no usage, data, etc.)
- In January 2018, Energy+ added power failure/power restoration messages from its Sensus AMI network as an input to its Outage Management System. The purpose of this was to leverage the existing AMI network to provide additional information about outages. Instead of waiting for customers to call, Energy+ is able to respond immediately. In a February 25, 2018 outage, crews were dispatched 17 minutes before the first no power call. This reduced the outage time experienced by the customers by 17 minutes.
- Energy+ has the ability to view voltage levels at customer locations remotely without sending a crew. This helps Energy+ identify high or low voltage problems.
- The voltage values of Smart Meters are used to remotely determine whether there is a faulted neutral in a $120 / 240 \mathrm{~V}$ service to a customer. The smart meters display voltages by leg so Energy+ staff can see remotely if there is a large voltage difference by leg which would suggest a faulted neutral.
- Hourly kWh hour information recorded by smart meters linked by transformer based on GIS information allows Energy+ to precisely determine the peak transformer load and for how many hours per year it exists. This information is used to determine overloaded transformers and is used in all capital rebuilds to optimize the replacement size of transformers (i.e. existing transformer may be oversized for today's load). Prior to smart meters, only the total kWh over two months was available. Therefore, the previous peak calculation was much less precise.


### 2.7.2.8 Conservation Initiatives

Although Energy+ has had consistent growth in its customer base/service territories, it has not experienced a tremendous material growth, thus, Energy+ has not had the need to consider incremental conservation initiatives to defer or otherwise avoid future infrastructure projects. This will likely remain true over the life of this Application. Energy+ is not applying for funding through distribution rates to pursue any custom type efficiency programs.

### 2.7.2.9 Projects with a Life Cycle Greater Than One Year

Energy+'s accounting policy is to include projects in Fixed Assets when they are completed and put into service. Capital projects which are not yet completed are included in Work in Progress ("WIP"). Capital projects with a life cycle greater than one year will be carried over from one year to the next in WIP. Once completed expenditures are removed from WIP and capitalized to fixed assets, they begin depreciating.

### 2.7.3 Land and Facilities Plan

### 2.7.3.1 Overview

As a result of customer growth, aging facilities, inadequate space for employees, and the need to have an organization better positioned to serve customers effectively, Energy+ has developed the following plan for land and buildings:

- Centralize all administrative functions to a newly renovated head office building in the Gaslight District located in the downtown of Galt (in Cambridge). Energy+ has entered into a Purchase and Sale Agreement to acquire a portion of an existing building (referred to as the "Southworks" area of the Gaslight District) for \$1.00.

Energy+ will renovate the building to make it suitable to be a corporate and administrative office. Energy+ expects to occupy this new space in 2020.

- In 2019, as part of a long-term lease agreement with Brantford Power Inc., Energy+' will occupy approximately 13,251 sq. ft. of dedicated space at a new facility to be located at Garden Avenue and Highway 403 ("Garden Avenue") in Brantford, Ontario. This facility is currently being constructed by Brantford Power Inc. This location will function as the Operations Centre to service customers in the Brant County Service territory.
- The existing building at 1500 Bishop Street ("Bishop Street"), Cambridge (built as an Operations Centre in the early 1980's with office space for administrative staff added in 1989) will be renovated and modernized. This building will continue to be utilized as the Operations Centre to service customers in the Cambridge and North Dumfries service territory. Operations, Metering, and Engineering staff will continue to work from this location. The Bishop Street building contains a warehouse (with inside and outside storage), vehicle storage, garage and vehicle repair facilities. Renovations to the existing building are planned for 2022.
- The lease for office space at 135 Thompson Drive ("Thompson Drive"), Cambridge, which is currently required to accommodate the Finance, Regulatory and Energy Efficiency departments, will be terminated. The existing lease agreement expires February 28, 2020. The lease agreement provides for a six month early termination clause that if exercised, requires the payment of three months base rent. The employees at this location will be relocated to the Southworks building in 2020.
- The land and building at 65 Dundas Street East ("Dundas Street"), Paris was sold for gross proceeds of $\$ 1.5 \mathrm{M}$ in a sale-leaseback transaction on April 3, 2018. This facility was acquired as part of the acquisition of the former BCP. The facility currently functions as the Operations Centre serving the customers in the Brant County service territory.

| Building Location | Administration <br> sq. ft. | Operations <br> sq. ft. | Primary Use |
| :--- | ---: | ---: | :--- |
| Bishop Street | 13,182 | 39,918 | Leadership Team, Customer Care, <br> Billing, Communications, Engineering, <br> Operations (Cambridge), Supply Chain, <br> Metering, Fleet, Information Systems <br> Technology (IT), Human Resources <br> (HR). Customer Care, HR, and IT to <br> be relocated to Southworks. |
| Thompson Drive | 5,147 | na | Finance, Regulatory and Energy <br> Efficiency (CDM). Lease to be <br> terminated and staff relocated to <br> Southworks in 2020. |
| Dundas Street | 5,007 | 9,376 | Land and building to be sold. <br> Operations staff to be relocated to <br> Garden Avenue. |
| Total | $\mathbf{2 3 , 3 3 6}$ | $\mathbf{4 9 , 2 9 4}$ |  |
| Overall Total | $\mathbf{7 2 , 6 3 0}$ |  |  |

### 2.7.3.2 Space and Primary Use for Buildings

Table 2-42 and 2-43 below summarizes the current facilities space and proposed facilities space based on the land and facilities plans described above.

Table 2-42: Summary of Current Facilities Space

[^0]| Building Location | Administration <br> sq. ft. | Operations <br> sq. ft. | Primary Use |
| :--- | ---: | ---: | :--- |
| Southworks | 21,892 | Not <br> Applicable | Leadership Team, Customer Service, <br>  <br> Regulatory, HR, Energy Efficiency <br> (CDM), IT |
| Bishop Street | 13,182 | 39,918 | Engineering, Operations <br> (Cambridge), Supply Chain, Metering, <br> Fleet |
| Garden Avenue | 2,650 <br> (Energy+ <br> exclusive <br> space) | 10,601 <br> (Energy+ <br> exclusive <br> space) <br> Up to 12,243 <br> (Shared | Operations (Brant County) |
| space with |  |  |  |
| BPI) |  |  |  |

### 2.7.3.3 Cost Summary

Table 2-44 summarizes the capital and lease costs (and reductions) related to the land and buildings plan. The costs include office furniture, equipment and IT infrastructure.

| Building <br> Location | Year | Purchase/ <br> Capital Lease | Renovations | Lease Cost/ <br> (Savings) | Notes |
| :--- | ---: | ---: | ---: | ---: | :--- |
| Garden <br> Avenue | 2019 | $\$ 4,400,000$ <br> (Capital Lease) | NA | $\$ 195,000$ | Exclusive <br> Energy+ space <br> (Capital) plus <br> shared services <br> space (Operating) <br> with Brantford <br> Power Inc. |
| Southworks | 2020 | $\$ 1.00$ (Land) | $\$ 5,000,000$ | $\$ 150,000$ | Building to be <br> renovated to suit <br> requirements; <br> Annual cost for <br> parking. |
| Thompson <br> Drive | 2020 |  | NA |  | NA |
| (\$77,205) | Lease to be <br> terminated. |  |  |  |  |
| Bishop <br> Street | 2022 | NA | $\$ 2,000,000$ | NA | Renovation of <br> existing building. |
| Dundas <br> Street | 2018 | NA |  | NA | Land and building <br> to be sold. |

Table 2-44: Land and Buildings - Capital and Lease Cost Summary

A detailed Business Case with respect to the Land and Facilities Plan has been provided in Appendix $N$ as part of the DSP.

As Energy+ intends to relocate the Operations Centre for the Brant service territory, and will incur incremental capital expenditures, the gain on sale realized from the Dundas St. property will be returned to customers in the form of a rate rider, as outlined in Exhibit 9.

### 2.7.4 Capitalization Policy

### 2.7.4.1 Capitalization Policy Overview

Energy+' capitalization policies and principles are based on International Financial Reporting Standards, as well as the guidelines as set out by the OEB, where applicable.

As described in Section 2.1.4, Energy+ adopted IFRS January 1, 2015 with 2014 being the transition year. The capitalization policies in effect for the 2019 Test Year are compliant with MIFRS. Energy+ implemented changes to its depreciation and capitalization policies, including the componentization of assets, depreciation changes and overheads in 2012 for the former CND and 2013 for the former BCP. Effective January 1, 2016, following the legal amalgamation, Energy+ adopted the capitalization policies, including capitalization of overhead costs, consistent with the former CND.

Capital assets include property, plant or equipment ("PP\&E") that are held for use in the production or supply of goods and services and provide a benefit lasting beyond one year. Capital expenditures also include the improvement or betterment of existing assets. A betterment is a cost incurred which enhances the service potential of a capital asset or increases its value. A betterment includes expenditures which increase the capacity of the asset, improve the quality of output, or extend the asset's useful life. Intangible assets are also considered capital assets and are defined as assets that lack physical substance. Intangible assets include goodwill, patents, copyrights and computer software.

Costs

Cost includes expenditures that are directly attributable to the acquisition of the asset. The cost of self-constructed assets includes contracted services, materials and transportation costs, direct labour, overhead costs, borrowing costs and any other costs directly attributable to bringing the asset to a working condition for its intended use.

## Components

When parts of an item of PP\&E have different useful lives, they are accounted for as separate items (major components) of PP\&E. Components with similar useful lives and depreciation methods are grouped in determining the depreciation charge. Part of the item that are not individually significant (the balance) are combined and categorized as a single component best suited for the sum of the parts.

Major spare parts and standby equipment are recognized as items of PP\&E.

## Retirement of Assets

When items of PP\&E are retired or otherwise disposed of, a gain or loss on disposal is determined by comparing the proceeds from disposal, if any, with the carrying amount (net book value) of the item and is included in profit or loss.

Costs incurred to remove an existing asset from service are recorded as removal costs and the expense is grouped with depreciation and amortization expense.

The cost of replacing a part of an item of PP\&E is recognized in the net book value of the item if it is probable that the future economic benefits embodied within the part will flow to the Corporation and its cost can be measured reliably. In this event, the replaced part of PP\&E is written off, and the related gain or loss is included in profit or loss. The costs of the day-to-day servicing of PP\&E are recognized in profit or loss as incurred.

Depreciation and Amortization

Depreciation is recognized on a straight-line basis over the estimated useful life of each significant identifiable component of an item of property, plant, and equipment. Land and land rights are not depreciated. Assets under construction (work in progress) are not depreciated until the project is complete and in service.

Depreciation of an asset begins in the year when it is available for use, i.e. when it is in the location and condition necessary for it to be capable of operating in the manner
intended. For rate setting purposes, in the first year of service, depreciation is calculated using the $1 / 2$ year rule. Depreciation of an asset ceases when the asset is retired from active use, sold or is fully depreciated.

Additional information with respect to Energy+'s depreciation and amortization policies are outlined in Exhibit 4.

### 2.7.4.2 Capitalization of Overhead

### 2.7.4.2.1 Overhead Policy

Energy+'s overhead policy has been reviewed by its external auditors and has been deemed IFRS compliant. Energy+'s overhead policy is consistent with the former CND overhead policy and practices included as part of its 2014 Cost of Service Application, which incorporated changes to the capitalization of overhead costs to be compliant with MIFRS and the Board's regulatory accounting policies as set out for MIFRS as contained in the Report of the Board, Transition to International Financial Reporting Standards (EB-2008-0408).

Energy+ has four types of overhead costs: (i) Payroll Burden; (ii) Engineering Burden; (iii) Stores (Material) Burden; and (iv) Fleet Burden. Energy+ does not capitalize general administrative costs related to Administration, Human Resources, Finance or other administrative departments.

## Payroll Burden

Included in Energy+'s labour costs are those costs that are generally considered labour "burden". The labour burden rate comprises benefits, as well as non-allocable time such as vacation, statutory holidays and sick time. The burden rate is applied to the labour hours recorded to capital and operating projects. Labour hours are recorded using time sheets and the use of identifiable projects in the work order system, which is part of Energy+'s ERP system. Benefits are accumulated in the general ledger for all employees and allocated based upon where the employees charge their time (capital jobs/operations/ maintenance /administration).

Payroll benefits include such things as: health benefits, prescription drugs, dental vision, long-term disability, bereavement time, OMERS, Workplace Safety and Insurance Board,

Employment insurance, CPP, EHT and employees' protection equipment (safety shoes/ clothing/expendable tools).

## Engineering Burden

Engineering burden includes labour and benefits of engineering services employees that are directly responsible for the design of Energy+'s system access, system renewal and system service capital projects. Burden rates are reviewed on an annual basis.

## Stores/Material Burden

Material burden includes labour and benefits of employees issuing material, supplies and other minor Stores department expenses. Burden rates are determined on an annual basis and applied directly to the materials issued by Stores to specific capital or operations or maintenance projects through the work order system.

## Fleet Burden

Fleet burden consists of fuel, vehicle maintenance, repairs and license renewals. Trucks and company vehicles are used on the job site and are directly related to the construction of an asset as they are required to construct the asset. Fleet expenses are allocated to capital based upon the timesheets recorded for the truck.

Fuel, amortization related to the truck, truck insurance and license renewals can be capitalized because they are costs required to keep the trucks in running order and are directly attributable to constructing the asset and bringing it to its intended use.

### 2.7.4.2.2 Overhead Expense

Table 2-45 provides a summary of OM\&A before capitalization and a breakdown of capitalized OM\&A. This table is consistent with the Board's Appendix 2-D Overhead Expense, which is also included as Appendix 2-2.

## Appendix 2-D

## Overhead Expens

Energy+ (2014-2015 Former CND and BCP; 2016-2019 Energy + )
Applicants are to provide a breakdown of OM\&A before capitalization in the below table. ОM\&A before capitalization may be broken down by cost center, program, drivers or another format best suited to focus on capitalized vs. uncapitaized OM\&A.

| OM\&A Before Capitalization | $\overbrace{\text { Historical Year }}^{2014}$ | 2015 <br> Historical Year | 2016 <br> Historical Year | $\begin{gathered} 2017 \\ \text { Forecast Year } \end{gathered}$ | $\begin{gathered} 2018 \\ \text { Bridge Year } \end{gathered}$ | $\begin{gathered} 2019 \\ \text { Test Year } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operations and Maintenance | 9,278,635 | 10,003,103 | 9,667,129 | 10,691,114 | 11,157,093 | 10,996,835 |
| Billing and Collecting | 3,477,666 | 3,330,327 | 3,548,298 | 3,391,259 | 3,372,867 | 3,945,340 |
| Community Relations | 256,788 | 117,727 | 97,839 | 90,720 | 93,555 | 98,215 |
| Administrative and General | 8,765,568 | 8,309,038 | 7,905,340 | 8,512,531 | 8,213,696 | 8,601,452 |
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|  |  |  |  |  |  |  |
| Total OM\&A Before Capitalization (B) | \$ 21,778,657 | \$ 21,760,195 | 21,218,605 | 22,685,624 | 22,837,211 | 23,641,842 |

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

| Capitalized OM\&A | $\begin{array}{\|c\|} \hline 2014 \\ \hline \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{array}{c\|} 2015 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{array}{\|c} 2016 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{array}{c\|} \hline 2017 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{gathered} 2018 \\ \text { Bridge Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2019 \\ \text { Test Year } \\ \hline \end{gathered}$ |  | Directly <br> Attributable? <br> (Yes/No) | Explanation for Change in Overhead Capitalized |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Direct Labour - Operations/Maintenance/Engineering | \$ | 2,561,048 | \$ | 3,292,635 | \$ | 3,060,019 | \$ | 3,620,102 | \$ | 4,148,102 | \$ | 3,936,660 | Yes | Directly attributable to labour costs charged to capital |
| Fleet | \$ | 525,691 | \$ | 760,191 | \$ | 602,819 | \$ | 860,533 | \$ | 713,600 | \$ | 731,453 | Yes | Directly attributable to labour costs charged to capital |
| Purchasing and Stores | \$ | 217,677 | \$ | 230,191 | \$ | 249,186 | \$ | 291,162 | \$ | 275,846 | \$ | 293,866 | Yes | Directly attributable to material costs charged to capital |
| Engineering Costs | \$ | 116,737 | \$ | 84,182 | \$ | 149,507 | \$ | 352,073 | \$ | 104,238 | \$ | 104,215 | Yes | Directly attributable to capital projects |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Capitalized OM\&A ( A ) | \$ | 3,421,152 | \$ | 4,367,198 | \$ | 4,061,531 | \$ | 5,123,870 | \$ | 5,241,786 | \$ | 5,066,194 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \% of Capitalized OM\&A ( $=$ A/B) |  | 16\%\| |  | 20\% |  | 19\%\| |  | 23\% |  | 23\% |  | 21\% |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total OM\&A After Capitalization (B-A) | \$ | 18,357,505 | \$ | 17,392,997 | \$ | 17,157,074 | \$ | 17,561,754 | \$ | 17,595,425 |  | 18,575,648 |  |  |

### 2.8 COSTS OF ELIGIBLE INVESTMENTS FOR THE CONNECTION OF QUALIFYING GENERATION FACILITIES

Section 2.2.2.5 of the Board's 2018 Filing Requirements states: "For any costs incurred to make investments that are eligible for rate protection as described in Section 79.1 of the OEB Act and O. Reg. 330/09 under the Act, including any facilities forecast to enter service beyond the test year, the distributor may seek approval to recover the rate protection component of the costs.

Energy+ has not identified any material eligible investments for which rate protection is required. As such Energy+ has not completed Appendices 2-FA through 2-FC.

### 2.9 NEW POLICY OPTIONS FOR THE FUNDING OF CAPITAL

### 2.9.1 Overview

Energy + is seeking approval of a discrete incremental capital project planned for 2020 that is not part of its typical capital programs, and therefore not funded through the 2019 distribution rates applied for in this Cost of Service application. The OEB has issued two reports on this specific matter; the first of which was issued September 18, 2014 entitled Report of the Board: New Policy Options for the Funding of Capital Investments: The Advanced Capital Module and the subsequent Supplemental Report dated January 22, 2016. Both reports are identified as EB-2014-0219 (the "Reports").

As stated in the Reports, the Advanced Capital Module ("ACM") ...
"... advances the review and approval process for incremental capital from the year in which the proposed projects will be entering service (i.e. the IR term) to the preceding cost of service application in which a distributor is required to file a five year Distribution System Plan encompassing the cost of service test year and the four subsequent incentive ratesetting ("IR") years".

The Handbook to Utility Rate Applications dated October 13, 2016 states in the glossary of terms for the ACM:
"An ACM proposal is made during a cost of service application to identify, based on the 5year capital plan in the Distribution System Plan, qualifying incremental capital expenditures during the subsequent IRM period that are necessary but require funding beyond what is sustained by IRM-adjusted rates and customer and load growth. Reviewing ACM projects as part of a cost of service application allows for testing of the need, pacing and prioritization of projects as part of the more comprehensive review that occurs in processing a cost of service application".

The capital project applied for in this ACM is part of the overall investment by Energy+ in upgrading its facilities, but more specifically is with respect to the refurbishment of a building that will be the new administrative office for Energy+ in 2020 (Southworks). As outlined in Section 2.7.3 and in the business case provided as part of the DSP, Energy+ has taken a longer term approach to its investments in its facilities and has made efforts to extend the period over which to make these investments in order to mitigate customer bill impacts, while at the same time recognizing the need to invest in upgrades to its facilities.

The 2019 Test Year includes net capital costs in the amount of \$4.4MM related to a capital lease with Brantford Power Inc. for a shared operations centre to service the Brant service territory. The existing operations facility in Paris, Ontario will be sold in 2018.

In 2020, Energy+ plans to invest $\$ 4.5 \mathrm{MM}$ to renovate a building that will be the new corporate and administrative offices of Energy+. The land and building are being acquired by Energy+ for $\$ 1.00$. Energy+ will be the anchor tenant in a larger development project that will ultimately include mixed uses including condominiums, office and retail space. This $\$ 4.5 \mathrm{MM}$, plus an additional $\$ 0.5 \mathrm{MM}$ for office furniture and equipment, is the subject of this ACM application.

In 2022, Energy+ has included an additional \$2MM in the DSP as an estimate of costs for the renovation of the existing Bishop Street operations facility that was originally built in the early 1980's. At this time, the estimated cost for these renovations is too preliminary and therefore has not been included as part of the ACM.

### 2.9.2 Eligibility Criteria

The Reports indicate three eligibility criteria to recover amounts that are incremental to capital investment forming part of the ACM. The criteria are Materiality, Need and Prudence and each will be addressed.

### 2.9.2.1 Materiality

The Board states in the Reports that "However, as part of the cost of service application, distributors must provide a preliminary estimate of the materiality threshold value (and consequently, the total eligible incremental capital amount) for the subject year in which the proposed project is planned to enter service in order to provide the Board with a degree of certainty that the distributor will meet the threshold criteria".

The Board-defined materiality threshold is calculated using the following formula:

Threshold Value (\%) $=1+[(R B / d) \times(g+P C I X(1+g))]) \times((1+g) \times(1+P C I) n-1+10 \%$, where:
$R B=$ proposed test year rate base from the distributor's Cost of Service application.
$D=$ proposed depreciation expense for the test year from the distributor's Cost of Service application.
$\mathrm{G}=$ growth is calculated based on the percentage difference in distribution revenues between the forecast distribution revenues for the test year from the distributor's cost of service application and the distribution revenues from the most recent complete year.
$\mathrm{PCI}=$ Price Cap Index (IPI stretch factor) fixed at $1.6 \%$ at this time subject to updating.
$N=$ number of years since the effective year of the Cost of service application.

Tables 2-46 and 2-47, below, provide the calculation of the Threshold Capital Expenditure and Eligible Incremental Capital amounts based on the Board's ACM Model.

Table 2-46: Threshold Capital Expenditure Calculation

| Threshold Capital Expenditure Calculation - As per ACM Model |  |  |
| :--- | :--- | :---: |
| Parameter |  | Amount |
| Price Cap Index |  | $0.90 \%$ |
| Growth factor over 2 years |  | $0.82 \%$ |
|  |  | $\$ 171,191,397$ |
| Rate Base |  | $\$ 6,583,006$ |
| Depreciation |  |  |
|  |  | $155 \%$ |
| Threshold Value for 2020 |  | $156 \%$ |
| Threshold Value for 2021 |  | $157 \%$ |
| Threshold Value for 2022 |  | $157 \%$ |
| Threshold Value for 2023 |  | $\$ 10,200,687$ |
|  |  | $\$ 10,251,845$ |
| Threshold CAPEX 2020 |  | $\$ 10,303,888$ |
| Threshold CAPEX 2021 |  | $\$ 10,356,831$ |
| Threshold CAPEX 2022 |  |  |
| Threshold CAPEX 2023 |  |  |

Table 2-47: Eligible Incremental Capital

| Eligible Incremental Capital |  |
| :--- | :---: |
|  | Year 1 |
|  | $\mathbf{2 0 2 0}$ |
| Capital Expenditures, as per DSP | $\$ 18,576,000$ |
| Materiality Threshold | $\$ 10,200,687$ |
| Maximum Eligible Incremental Capital | $\$ 8,375,313$ |
|  |  |
| Proposed Capital Projects | $\$ 5,000,000$ |
|  |  |
| Maximum Allowed Incremental Capital | $\$ 5,000,000$ |

Based upon the ACM model results, (Appendix 2-3), the \$5MM proposed investment is above the materiality threshold and is therefore eligible for the ACM.

### 2.9.2.2 Need

The Reports state that the amounts should be directly related to the claimed driver, which must be clearly non-discretionary. The amounts must be clearly outside of the base upon which the rates were derived.

In this regard, Energy+ submits that the investment to renovate and relocate its corporate and administrative offices to a new facility is non-discretionary. In its 2014 CoS Application, the former CND had identified that it was undertaking a comprehensive space study with respect to its corporate offices and operating facilities. At that time, it was noted that the existing facilities were constructed in the 1980's and since that time, the utility and the industry had undergone significant change. The growth in Energy+'s business over the years, as well as an increase in the number of full-time employees, has resulted in insufficient office space. Subsequent to the acquisition of the former BCP, and the relocation and integration of staff to support the realization of operating efficiencies, there continues to be inadequate space. As part of this Application, Energy+ has provided the business case to justify the need for increased administrative space to support the day to day operations. Based on the age of Energy+'s facilities, Energy+ submits that the amounts to be invested are clearly not recurring amounts and are outside of the rates established in the rate base of this application.

The Reports also state that if a distributor's regulated return exceeds 300 basis points above the deemed return on equity embedded in the distributor's rates, the funding for any incremental capital project will not be allowed. In 2016, (the most recent year for which data is available), Energy+ earned a regulated Return on Equity of 9.49\% compared to the Deemed Return on Equity of $9.36 \%$, which is within the 300 basis points. Energy+'s regulated return for the years 2012 to 2015 inclusive have also been within 300 basis points.

### 2.9.2.3 Prudence

The amounts to be incurred must be prudent. This means that the distributor's decision to incur the amounts must represent the most cost-efficient option (not necessarily the least initial cost) for ratepayers.

The estimated costs of the renovations for the Southworks building is based on an estimate received from a construction company.

As outlined in the Business Case, Energy+ explored a number of options with respect to its facility requirements and submits that it has taken a unique and very prudent approach to its facilities requirements through the partnering with a neighbouring utility (Brantford Power Inc.), and by securing land and building for its corporate and administrative offices at costs that are much lower than the alternatives that were considered.

As part of its augmented customer engagement initiatives, Energy+ asked customers whether they supported the proposed building renovations. As outlined in the Customer Engagement Executive Summary provided by Innovative Research Group (Exhibit 1, Appendix 1-15):
"Low-volume customers largely either support, or find Energy+'s proposed building renovation and staff consolidation to be necessary. These views are largely consistent throughout the Energy+ service territory.

That said, based on feedback obtained throughout the process, customers expect Energy+ to be wise with their spending, and find ways to reduce impacts on distribution rates. "
"Some customers (mid-market) wanted to better understand what was driving the proposed facility investment and questioned whether this was required to efficiently operate the business. That said, most did not like the extra charge but think the proposed rate increase is necessary to ensure Energy+ has the adequate facility space."

Customers (Large Use) understood the need and didn't have fundamental concerns with the associated costs. Would have liked more details on the facility and long-term savings, efficiency gains this investment will deliver to customers.

### 2.9.3 Conclusion

Energy + is seeking approval of its 2019 Test Year Capital Expenditure Plan, as outlined in the Distribution System Plan, as well as the planned investment of \$5.0MM with respect to its corporate and administrative offices, planned for 2020, as requested as part of the ACM. The costs are estimates and will be updated in the ICM model when Energy+ comes before the Board with its annual incentive rate-setting applications. At that time, bill impacts will also be calculated.

### 2.10 ADDITION OF ICM ASSETS TO RATE BASE

Energy+ has not applied for nor received previous approvals of ICM Assets and therefore have no such assets added to rate base in the historical, 2018 Bridge or 2019 Test Year.

### 2.11 SERVICE QUALITY AND RELIABILITY PERFORMANCE

Energy+ records and reports annually the following Service Reliability Indices:

SAIDI $=$ Total Customer-Hours of Interruptions/Total Customers Served

SAIFI = Total Customer Interruptions/Total Customers Served

CAIDI $=$ Total Customer-Hours of Interruptions/Total Customer Interruptions

These indices provide Energy+ with annual measures of its service performance that are used for internal benchmarking purposes when making comparisons with other distribution companies (e.g. to better understand the rankings that will support the OEB's Incentive Rate Making Mechanism and Performance Based Regulation). They are reported below in accordance with Section 7.3.2 of the OEB's Electricity Distribution Rate Handbook.

Energy+ follows the Board's Reporting and Record Keeping Requirements Guideline to report its service quality indicators annually. In accordance with the Filing Requirements, Table 2-48 is provided below and is consistent with Board Appendix 2-G, Service Quality Indicators. The table provides the performance measurements for the last five historical years - 2013 through 2017.

Please refer to Appendix 2-1, Distribution System Capital Plan Section 2.3.1.1 for a detailed discussion with respect to System Reliability.

Table 2-49 provides a summary of Major Events that have occurred over the past five years, including the periods since last rebasing in 2014 for the former CND.

Energy+'s performance results over the 2013 to 2017 period meet or exceed the Board's approved standards. Energy+'s performance is within the range of acceptable performance over the previous five years and no corrective action is required.

Appendix 2-G
Service Reliability and Quality Indicators
2013-2017
Service Reliability

| Index | Including outages caused by loss of supply |  |  |  |  | Excluding outages caused by loss of supply |  |  |  |  | Excluding Major Event Days |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2014 | 2015 | 2016 | 2017 | 2013 | 2014 | 2015 | 2016 | 2017 | 2013 | 2014 | 2015 | 2016 | 2017 |
| SAIDI | 3.660 | 0.690 | 1.180 | 1.930 | 1.569 | 2.670 | 0.640 | 1.080 | 1.840 | 1.525 | 0.750 | 0.640 | 1.080 | 0.630 | 1.525 |
| SAIFI | 3.410 | 1.450 | 1.440 | 2.020 | 2.429 | 2.360 | 1.330 | 1.360 | 1.980 | 2.175 | 1.010 | 1.330 | 1.360 | 1.270 | 2.175 |


| 5 Year Historical Average |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SAIDI |  | 1.806 |  | 1.551 |  | 0.925 |
| SAIFI |  | 2.150 | W) \} | 1.841 |  | 1.429 |

SAIDI = System Average Interruption Duration Index
SAIFI = System Average Interruption Frequency Index

## Service Quality

| Indicator | OEB Minimum <br> Standard | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Low Voltage Connections | $90.0 \%$ | $99.3 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| High Voltage Connections | $90.0 \%$ | $0.0 \%$ | NA | NA | NA | NA |
| Telephone Accessibility | $65.0 \%$ | $87.3 \%$ | $83.0 \%$ | $82.5 \%$ | $71.5 \%$ | $80.1 \%$ |
| Appointments Met | $90.0 \%$ | $99.5 \%$ | $100.0 \%$ | $91.7 \%$ | $100.0 \%$ | $97.4 \%$ |
| Written Response to Enquires | $80.0 \%$ | $100.0 \%$ | $99.8 \%$ | $99.8 \%$ | $99.7 \%$ | $99.9 \%$ |
| Emergency Urban Response | $80.0 \%$ | $100.0 \%$ | $96.2 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| Emergency Rural Response | $80.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| Telephone Call Abandon Rate | $10.0 \%$ | $3.6 \%$ | $4.5 \%$ | $4.1 \%$ | $5.0 \%$ | $3.4 \%$ |
| Appointment Scheduling | $90.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $97.0 \%$ | $99.8 \%$ |
| Rescheduling a Missed Appointment | $100.0 \%$ | $0.0 \%$ | NA | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| Reconnection Performance Standard | $85.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |

## Notes:

2013-2015 Metrics are represented by the former Cambridge and North Dumfries Hydro Inc.
2016 and onwards represents Energy+ Inc.

Table 2-49: Major Events - Last Five Years

| Distributor | Reporting year | Name of Cause Code | Number of <br> Interruptions | Number of customer <br> interruptions | Number of Customer <br> Hours of <br> interruptions |
| :---: | :---: | :---: | :---: | ---: | ---: |
| Former CND | 2012 | Adverse Weather | 1 | 6,934 | $8,105.8$ |
| Former CND | 2013 | Loss of Supply | 2 | 55,186 | $51,322.4$ |
| Former CND | 2013 | Tree Contact | 10 | 12,954 | $19,168.0$ |
| Former CND | 2013 | Adverse Weather | 30 | 57,150 | $81,279.8$ |
| Energy + | 2016 | Tree Contact | 8 | 6,231 | $5,351.0$ |
| Energy + | 2016 | Adverse Weather | 18 | 24,704 | $67,934.0$ |
| Energy + | 2016 | Adverse Environment | 1 | 14,011 | $4,065.3$ |

## Appendix 2-D

## Overhead Expens

Energy + (2014-2015 Former CND and BCP; 2016-2019 Energy + )
Applicants are to provide a breakdown of OM\&A before capitalization in the below tanle. 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\&

| OM\&A Before Capitalization | $\begin{array}{c\|} 2014 \\ \text { Historical Year } \\ \hline \end{array}$ |  | $\begin{gathered} 2015 \\ \text { Historical Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2016 \\ \text { Historical Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2017 \\ \text { Forecast Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2018 \\ \text { Bridge Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2019 \\ \text { Test Year } \\ \hline \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operations and Maintenance | \$ | 9,278,635 | \$ | 10,003,103 | \$ | 9,667,129 | \$ | 10,691,114 | \$ | 11,157,093 | \$ | 10,996,835 |
| Billing and Collecting | \$ | 3,477,666 | \$ | 3,330,327 | \$ | 3,548,298 | \$ | 3,391,259 | \$ | 3,372,867 | \$ | 3,945,340 |
| Community Relations | \$ | 256,788 | \$ | 117,727 | \$ | 97,839 | \$ | 90,720 | \$ | 93,555 | \$ | 98,215 |
| Administrative and General | \$ | 8,765,568 | \$ | 8,309,038 | \$ | 7,905,340 | \$ | 8,512,531 | \$ | 8,213,696 | \$ | 8,601,452 |
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| Total OM\&A Before Capitalization (B) | \$ | 21,778,657 | \$ | 21,760,195 | \$ | 21,218,605 | \$ | 22,685,624 | \$ | 22,837,211 | S | 23,641,842 |

Applicants are to provide a breakdown of capitaized ОM\&A in the below table. Capitalized OM\&A may be broken down using the categories listed in the table below if possible. Othewise, applicits are to

| Capitalized OM\&A | 2014Historical Year |  | ${ }_{\text {Historical Year }}^{2015}$ |  | $\begin{gathered} 2016 \\ \text { Historical Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2017 \\ \text { Forecast Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2018 \\ \text { Bridge Year } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2019 \\ \text { Test Year } \\ \hline \end{gathered}$ |  | DirectlyAttributable? <br> (Yes/No) | Explanation for Change in Overhead Capitalized |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Direct Labour - Operations/Maintenance/Engineering | \$ | 2,561,048 | \$ | 3,292,635 | \$ | 3,060,019 | \$ | 3,620,102 | \$ | 4,148,102 | \$ | 3,936,660 | Yes | Directly attributable to labour costs charged to capital |
| Fleet | \$ | 525,691 | \$ | 760,191 | \$ | 602,819 | \$ | 860,533 | \$ | 713,600 | \$ | 731,453 | Yes | Directly attributable to labour costs charged to capital |
| Purchasing and Stores | \$ | 217,677 | \$ | 230,191 | \$ | 249,186 | \$ | 291,162 | \$ | 275,846 | \$ | 293,866 | Yes | Directly attributable to material costs charged to capital |
| Engineering Costs | \$ | 116,737 | \$ | 84,182 | \$ | 149,507 | \$ | 352,073 | \$ | 104,238 | \$ | 104,215 | Yes | Directly attributable to capital projects |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Capitalized OM\&A ( A ) | \$ | 3,421,152 | \$ | 4,367,198 | \$ | 4,061,531 | \$ | 5,123,870 | \$ | 5,241,786 | \$ | 5,066,194 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \% of Capitalized OM\&A ( $=$ A/B) |  | 16\%\| |  | 20\% |  | 19\%\| |  | 23\% |  | 23\% |  | 21\% |  |  |



## Ontario Energy Board

## Capital Module <br> Applicable to ACM and ICM <br> Energy Plus Inc.

Select the appropriate rate classes as they appear on your most recent Board-Approved Tariff of Rates and Charges, excluding the MicroFit Class.

How many classes are on your most recent Board-Approved Tariff of Rates and Charges?
9
Select Your Rate Classes from the Blue Cells below. Please ensure that a rate class is assigned to each shaded cell.

## Rate Class Classification

1 RESIDENTIAL SERVICE CLASSIFICATION 2 GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION 3 GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION 4 GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION 5 LARGE USE SERVICE CLASSIFICATION 6 STREET LIGHTING SERVICE CLASSIFICATION 7 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION
8 SENTINEL LIGHTING SERVICE CLASSIFICATION
9 EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

## Capital Module

## Applicable to ACM And ICM Energy Plus inc.

Input the billing determinants and base distribution rates associated with Energy Plus Inc.'s 2019 Test Year Distribution Revenues. Sheets 4 \& 5 calculate the NUMERATOR portion of the growth factor calculation.

|  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Capital Module

Applicable to $\begin{gathered}\text { Enogy } \\ \text { ALus Inc: } \\ \text { and }\end{gathered}$
Calculation of 2019 Revenue Requirement. No input required.


## Capital Module

## Applicable to ACM and ICM

| Applicants Rate Base | 2019 Test Year Distribution Revenues |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Average Net Fixed Assets |  |  |  |  |  |
| Gross Fixed Assets - Re-based Opening | \$ | 177,381,829 | A |  |  |
| Add: CWIP Re-based Opening |  |  | B |  |  |
| Re-based Capital Additions | \$ | 16,069,408 | C |  |  |
| Re-based Capital Disposals | -\$ | 2,430,782 | D |  |  |
| Re-based Capital Retirements |  |  | E |  |  |
| Deduct: CWIP Re-based Closing |  |  | F |  |  |
| Gross Fixed Assets - Re-based Closing | \$ | 191,020,455 | G |  |  |
| Average Gross Fixed Assets |  |  | \$ | 184,201,142 | $\mathrm{H}=(\mathrm{A}+\mathrm{G}) / 2$ |
| Accumulated Depreciation - Re-based Opening | \$ | 23,932,642 | 1 |  |  |
| Re-based Depreciation Expense | \$ | 6,583,006 | J |  |  |
| Re-based Disposals | -\$ | 2,027,309 | K |  |  |
| Re-based Retirements |  |  | L |  |  |
| Accumulated Depreciation - Re-based Closing | \$ | 28,488,339 | M |  |  |
| Average Accumulated Depreciation |  |  | \$ | 26,210,491 | $N=(1+M) / 2$ |
| Average Net Fixed Assets |  |  | \$ | 157,990,651 | $\mathrm{O}=\mathrm{H}-\mathrm{N}$ |
| Working Capital Allowance |  |  |  |  |  |
| Working Capital Allowance Base | \$ | 176,009,945 | P |  |  |
| Working Capital Allowance Rate |  | 7.5\% | Q |  |  |
| Working Capital Allowance |  |  | \$ | 13,200,746 | $\mathrm{R}=\mathrm{P}$ *Q |
| Rate Base |  |  | \$ | 171,191,397 | $\mathrm{S}=\mathrm{O}+\mathrm{R}$ |
| Return on Rate Base |  |  |  |  |  |
| Deemed ShortTerm Debt \% |  | 4.00\% | T | 6,847,656 | $\mathrm{w}=\mathrm{S}^{*} \mathrm{~T}$ |
| Deemed Long Term Debt \% |  | 56.00\% | U | 95,867,182 | $\mathrm{X}=\mathrm{S}$ * U |
| Deemed Equity \% |  | 40.00\% | $\checkmark$ \$ | 68,476,559 | $\mathrm{Y}=\mathrm{S} * \mathrm{~V}$ |
| Short Term Interest |  | 2.29\% | z \$ | 156,811 | $A C=W * Z$ |
| Long Term Interest |  | 4.37\% | AA | 4,187,687 | $A D=X * A A$ |
| Return on Equity |  | 9.00\% | AB \$ | 6,162,890 | $A E=Y * A B$ |
| Return on Rate Base |  |  | \$ | 10,507,388 | $A F=A C+A D+A E$ |
| Distribution Expenses |  |  |  |  |  |
| OM\&A Expenses | \$ | 18,818,358 | AG |  |  |
| Amortization | \$ | 6,703,335 | AH |  |  |
| Ontario Capital Tax |  |  | AI |  |  |
| Grossed Up PILs | \$ | 796,233 | AJ |  |  |
| Low Voltage |  |  | AK |  |  |
| Transformer Allowance | \$ | 511,575 | AL |  |  |
|  |  |  | AM |  |  |
|  |  |  | AN |  |  |
|  |  |  | AO |  |  |
|  |  |  | \$ | 26,829,501 | AP $=\operatorname{SUM}(\mathrm{AG}: \mathrm{AO})$ |
| Revenue Offsets |  |  |  |  |  |
| Specific Service Charges | -\$ | 221,592 | AQ |  |  |
| Late Payment Charges | -\$ | 189,000 | AR |  |  |
| Other Distribution Income | -\$ | 1,244,399 | AS |  |  |
| Other Income and Deductions |  |  | AT - $\$$ | 1,654,991 | $A U=S U M(A Q: A T)$ |
| Revenue Requirement from Distribution Rates |  |  | \$ | 35,681,898 | $A V=A F+A P+A U$ |
| Rate Classes Revenue |  |  |  |  |  |
| Rate Classes Revenue - Total (Sheet 5) |  |  | \$ | 35,677,378 | AW |

## Capital Module

Applicable to to ACM and ICM
Input the billing determinants associated with Energy Plus Inc.'s 2017 Actual Distribution Revenues. This sheet calculates the DENOMINATOR portion of the growth factor calculation.


## Capital Module

## Applicable to ACM and ICM

Energy Plus inc.
Current Revenue from Rates
This sheet is sused to detererine the appicants most current allocation of re
to appropriately allocate the incremental revenue requirement to the class


## Capital Module

## Applicable to ACM and ICM

## Energy Plus Inc.

No Input Required.

## Preliminary Threshold Calculation

Threshold Value (\%) $=1+\left[\left(\frac{R B}{d}\right) \times(g+P C I \times(1+g))\right] \times((1+g) \times(1+P C I))^{n-1}+\mathbf{1 0} \%$

| Year |  | 2020 |  |
| :---: | :---: | :---: | :---: |
| Year in which Applicant is applying | cos |  | $n$ |
| Price Cap Index | 0.90\% |  | PCI |
| Growth Factor Calculation |  |  |  |
| 2019 Test Year Distribution Revenues | \$35,677,378 |  |  |
| 2017 Actual Distribution Revenues | \$35,100,808 |  |  |
| Growth Factor | 0.82\% |  | $g$ (Note 1) |
| Dead Band | 10\% |  |  |
| Average Net Fixed Assets |  |  |  |
| Gross Fixed Assets Opening | \$ | 177,381,829 |  |
| Add: CWIP Opening | \$ | - |  |
| Capital Additions | \$ | 16,069,408 |  |
| Capital Disposals | -\$ | 2,430,782 |  |
| Capital Retirements | \$ | - |  |
| Deduct: CWIP Closing | \$ | - |  |
| Gross Fixed Assets - Closing | \$ | 191,020,455 |  |
| Average Gross Fixed Assets | \$ | 184,201,142 |  |
| Accumulated Depreciation - Opening | \$ | 23,932,642 |  |
| Depreciation Expense | \$ | 6,583,006 |  |
| Disposals | -\$ | 2,027,309 |  |
| Retirements | \$ | - |  |
| Accumulated Depreciation - Closing | \$ | 28,488,339 |  |
| Average Accumulated Depreciation | \$ | 26,210,491 |  |
| Average Net Fixed Assets | \$ | 157,990,651 |  |
| Working Capital Allowance |  |  |  |
| Working Capital Allowance Base | \$ | 176,009,945 |  |
| Working Capital Allowance Rate |  | 8\% |  |
| Working Capital Allowance | \$ | 13,200,746 |  |
| Rate Base | \$ | 171,191,397 | RB |
| Depreciation | \$ | 6,583,006 | d |

Threshold Value (varies by Price Cap IR Year subsequent to CoS rebasing) Price Cap IR Year 2020 Price Cap IR Year 2021 Price Cap IR Year 2022 Price Cap IR Year 2023

| $155 \%$ |
| ---: |
| $156 \%$ |
| $157 \%$ |
| $157 \%$ |

Threshold CAPEX Price Cap IR Year 2020 Price Cap IR Year 2021 Price Cap IR Year 2022 Price Cap IR Year 2023 annualize it. No division is normally required for the first three years under Price Cap IR

## Capital Module

## Applicable to ACM and ICM

## Energy Plus Inc.

Identify ALL Proposed ACM projects and related CAPEX costs in the relevant years

|  | ```Cost of Service Test Year 2019``` | Price Cap IR |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { Year } 1 \\ 2020 \end{gathered}$ |  | $\begin{gathered} \text { Year } 2 \\ 2021 \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Year } 3 \\ 2022 \end{gathered}$ |  | $\begin{gathered} \text { Year } 4 \\ 2023 \end{gathered}$ |
| Distribution System Plan CAPEX |  | \$ | 18,576,000 |  |  |  |  |  |  |
| Materiality Threshold |  |  |  |  |  |  |  |  |  |
| Materiality Threshold |  | \$ | 10,200,687 | \$ | 10,251,845 | \$ | 10,303,888 | \$ | 10,356,831 |
| Maximum Eligible Incremental Capital (Forecasted CAPEX less |  |  |  |  |  |  |  |  |  |
| Threshold) |  | \$ | 8,375,313 | \$ | - | \$ | - | \$ | - |
| Maximum Eligible Incremental Capital (Forecasted Capex less |  |  |  |  |  |  |  |  |  |
| Threshold) |  | \$ | 8,375,313 | \$ | - | \$ | - | \$ | - |

Proposed Capital Projects Eligible for ACM treatment
Project Descriptions:
Building - Refurbishment of Administrative Building
Office furniture and equipment - Administrative Buildin


| File Number: | EB-2018-0028 |
| :--- | ---: |
| Exhibit: | 1 |
| Tab: |  |
| Schedule: |  |
| Page: |  |
| Date: | 27-Apr-18 |

Appendix 2-BA
Fixed Asset Continuity Schedule ${ }^{1}$
Energy+ (Former Brant County Power Inc.)
Accounting Standard CGAAP Old CGAAP
Year
2011

|  |  |  | Cost |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { CCA } \\ \text { Class }^{2} \end{gathered}$ | OEB <br> Account ${ }^{3}$ | Description ${ }^{3}$ | Opening Balance |  | Additions ${ }^{4}$ |  | Disposals ${ }^{6}$ |  | Closing Balance |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 349,742 | \$ | 181,281 | \$ | - | \$ | 531,023 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ | - | \$ | - | \$ | - | \$ | - |
| N/A | 1805 | Land | \$ | 97,579 | \$ | 4,590 | \$ | - | \$ | 102,169 |
| 47 | 1808 | Buildings | \$ | 811,496 | \$ | 88 | \$ | - | \$ | 811,584 |
| 13 | 1810 | Leasehold Improvements | \$ |  | \$ | - | \$ | - | \$ | - |
| 47 | 1815 | Transformer Station Equipment >50 kV | \$ | 2,510,109 | \$ | - | \$ | - | \$ | 2,510,109 |
| 47 | 1820 | Distribution Station Equipment <50 kV | \$ | 121,476 | \$ | 2,750 | \$ | - | \$ | 124,226 |
| 47 | 1825 | Storage Battery Equipment | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ | 5,164,327 | \$ | 905,568 | \$ | - | \$ | 6,069,895 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 3,901,874 | \$ | 881,154 | \$ | - | \$ | 4,783,028 |
| 47 | 1840 | Underground Conduit | \$ | 580,918 | \$ | 2,542 | \$ | - | \$ | 583,460 |
| 47 | 1845 | Underground Conductors \& Devices | \$ | 2,219,524 | \$ | 85,768 | \$ | - | \$ | 2,305,292 |
| 47 | 1850 | Line Transformers | \$ | 4,596,778 | \$ | 290,508 | \$ | - | \$ | 4,887,287 |
| 47 | 1855 | Services (Overhead \& Underground) | \$ | 2,556,076 | \$ | 77,188 | \$ | - | \$ | 2,633,264 |
| 47 | 1860 | Meters | \$ | 1,398,852 | \$ | 57,347 | \$ | - | \$ | 1,456,198 |
| N/A | 1905 | Land | \$ | 79,045 | \$ | - | \$ | - | \$ | 79,045 |
| 47 | 1908 | Buildings \& Fixtures | \$ | 420,392 | \$ | 61,504 | \$ | - | \$ | 481,896 |
| 13 | 1910 | Leasehold Improvements | \$ | - | \$ | - | \$ | - | \$ | - |
| 8 | 1915 | Office Furniture \& Equipment | \$ | 165,360 | \$ | 17,046 | \$ | - | \$ | 182,406 |
| 10 | 1920-1 | Computer Equipment - Hardware | \$ | - | \$ | - | \$ | - | \$ | - |
| 45 | 1920-2 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ | - | \$ | - | \$ | - | \$ | - |
| 45.1 | 1920 | Computer Equip.-Hardware | \$ | 594,432 | \$ | 30,817 | \$ | - | \$ | 625,249 |
| 10 | 1930 | Transportation Equipment | \$ | 1,416,834 | \$ | 126,111 | \$ | $(350,723)$ | \$ | 1,192,222 |
| 8 | 1935 | Stores Equipment | \$ | 3,729 | \$ | - | \$ | (2) | \$ | 3,727 |


| Accumulated Depreciation |  |  |  |  |  |  |  | Net Book Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opening <br> Balance |  | Additions |  | Disposals ${ }^{6}$ |  | Closing Balance |  |  |  |
| \$ | $(301,324)$ | \$ | $(30,163)$ | \$ | - | \$ | $(331,487)$ | \$ | 199,536 |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | 102,169 |
| \$ | $(211,095)$ | \$ | $(25,051)$ | \$ | - | \$ | $(236,146)$ | \$ | 575,438 |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | $(314,972)$ | \$ | $(63,198)$ | \$ | - | \$ | $(378,170)$ | \$ | 2,131,939 |
| \$ | $(60,193)$ | \$ | $(4,788)$ | \$ | - | \$ | $(64,981)$ | \$ | 59,246 |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | (1,790,933) | \$ | $(244,163)$ | \$ | - | \$ | (2,035,096) | \$ | 4,034,799 |
| \$ | $(1,411,571)$ | \$ | $(189,036)$ | \$ | - | \$ | $(1,600,607)$ | \$ | 3,182,421 |
| \$ | $(207,256)$ | \$ | $(26,006)$ | \$ | - | \$ | $(233,262)$ | \$ | 350,198 |
| \$ | $(984,613)$ | \$ | $(108,109)$ | \$ | - | \$ | (1,092,722) | \$ | 1,212,570 |
| \$ | $(1,733,404)$ | \$ | $(219,014)$ | \$ | - | \$ | (1,952,418) | \$ | 2,934,869 |
| \$ | (1,121,255) | \$ | $(118,261)$ | \$ | - | \$ | (1,239,516) | \$ | 1,393,748 |
| \$ | $(548,844)$ | \$ | $(64,344)$ | \$ | - | \$ | $(613,188)$ | \$ | 843,010 |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | 79,045 |
| \$ | $(80,182)$ | \$ | $(14,161)$ | \$ | - | \$ | $(94,343)$ | \$ | 387,552 |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | $(88,237)$ | \$ | $(12,750)$ | \$ | - | \$ | $(100,987)$ | \$ | 81,419 |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | $(538,678)$ | \$ | $(37,662)$ | \$ | - | \$ | $(576,340)$ | \$ | 48,910 |
| \$ | $(539,548)$ | \$ | $(207,233)$ | \$ | 345,814 | \$ | $(400,966)$ | \$ | 791,256 |
| \$ | $(1,149)$ | \$ | (774) | \$ | - | \$ | $(1,923)$ | \$ | 1,804 |


| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ | 167,705 | \$ | 17,883 | \$ | - | \$ | 185,589 | \$ | $(101,453)$ | \$ | $(13,921)$ | \$ | - | \$ | $(115,374)$ | \$ | 70,214 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | 1945 | Measurement \& Testing Equipment | \$ | 68,945 | -\$ | 4,955 | \$ | - | \$ | 63,990 | \$ | $(40,744)$ | \$ | $(5,122)$ | \$ | - | \$ | $(45,866)$ | \$ | 18,123 |
| 8 | 1950 | Power Operated Equipment | \$ | 2,708 | \$ | - | \$ | - | \$ | 2,708 | \$ | $(1,902)$ | \$ | (200) | \$ | - | \$ | $(2,102)$ | \$ | 606 |
| 8 | 1955 | Communication Equipment | \$ | 40,580 | \$ |  | \$ | - | \$ | 40,580 | \$ | $(36,720)$ | \$ | $(1,494)$ | \$ | - | \$ | $(38,215)$ | \$ | 2,365 |
| 8 | 1960 | Miscellaneous Equipment | \$ | 117,787 | \$ | 82,021 | \$ | - | \$ | 199,808 | \$ | $(19,862)$ | \$ | $(15,807)$ | \$ | - | \$ | $(35,669)$ | \$ | 164,139 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1975 | Load Management Controls Utility Premises | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1980 | System Supervisor Equipment | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1990 | Other Tangible Property | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1995 | Contributions \& Grants | \$ | $(1,828,479)$ | \$ | $(8,494)$ | \$ | - | \$ | $(1,836,973)$ | \$ | 555,105 | \$ | 73,306 | \$ | - | \$ | 628,411 | \$ | $(1,208,562)$ |
|  | 2005 | Property Under Finance Leases | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
|  | 2010 | Electric Plant Purchased or Sold | \$ | 41,000 | \$ | - | \$ | - | \$ | 41,000 | \$ | $(9,840)$ | \$ | $(1,640)$ | \$ | - | \$ | $(11,480)$ | \$ | 29,520 |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Sub-Total | \$ | 25,598,788 | \$ | 2,810,718 | \$ | $(350,725)$ | \$ | 28,058,781 | \$ | (9,588,671) | \$ | (1,329,590) | \$ | 345,814 | \$ | $(10,572,447)$ | \$ | 17,486,335 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Total PP\&E | \$ | 25,598,788 | \$ | 2,810,718 | \$ | $(350,725)$ | \$ | 28,058,781 | \$ | (9,588,671) | \$ | (1,329,590) | \$ | 345,814 | \$ | $(10,572,447)$ | \$ | 17,486,335 |
|  |  | Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Total |  |  |  |  |  |  |  |  |  |  | \$ | (1,329,590) |  |  |  |  |  |  |


| 10 |  | Transportation |
| :---: | :--- | :--- |
| 8 |  | Stores Equipment |

Less: Fully Allocated Depreciation Transportation $\qquad$
$(207,233)$
$(37,318)$
$\begin{array}{llrr}\text { Stores and Other Equipment } & \$ & (37,318) \\ \text { Net Depreciation } & \$ & 1,085,039\end{array}$
Net Depreciation

## Notes:

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.
 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 Board.

4 The additions in column (E) must not include construction work in progress (CWIP).
5 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.
 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.

Appendix 2-BA
Fixed Asset Continuity Schedule ${ }^{1}$
Energy+ (Former Brant County Power Inc.) Accounting Standard CGAAP Old CGAAP

Year 2012


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.

2 The "CCA Class" for fixed assets should 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 Board.
4 The additions in column (E) must not include construction work in progress (CWIP)
5 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.
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.



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

2 The "CCA Class" for fixed assets should 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 Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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.
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.




Appendix 2-BA
Fixed Asset Continuity Schedule ${ }^{1}$
Energy+ (Former Brant County Power Inc.) Accounting Standard CGAAP

Year 2015

|  |  |  | Cost |  |  |  |  |  |  |  | Accumulated Depreciation |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|c\|} \hline \text { CCA } \\ \text { Class }^{2} \\ \hline \end{array}$ | OEB Account ${ }^{3}$ | Description ${ }^{3}$ | Opening Balance |  | Additions ${ }^{4}$ |  | Disposals ${ }^{6}$ |  | Closing Balance |  | Opening Balance |  | Additions |  | Disposals ${ }^{6}$ |  | Closing Balance |  | Net Book Value |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 648,140 | \$ | 2,196 | \$ | - | \$ | 650,336 | \$ | $(499,852)$ | \$ | $(61,266)$ | \$ | - | \$ | $(561,118)$ | \$ | 89,218 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| N/A | 1805 | Land | \$ | 94,920 | \$ | - | \$ | - | \$ | 94,920 | \$ |  | \$ | - | \$ | - | \$ | - | \$ | 94,920 |
| 47 | 1808 | Buildings | \$ | 811,812 | \$ | - | \$ | - | \$ | 811,812 | \$ | $(289,432)$ | \$ | $(14,117)$ | \$ | - | \$ | $(303,549)$ | \$ | 508,263 |
| 13 | 1810 | Leasehold Improvements | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1815 | Transformer Station Equipment >50 kV | \$ | 2,510,109 | \$ | 385,942 | \$ | - | \$ | 2,896,051 | \$ | $(550,251)$ | \$ | $(58,729)$ | \$ | - | \$ | $(608,980)$ | \$ | 2,287,071 |
| 47 | 1820 | Distribution Station Equipment < 50 kV | \$ | 124,226 | \$ | - | \$ | - | \$ | 124,226 | \$ | $(124,226)$ | \$ | - | \$ | - | \$ | $(124,226)$ | \$ | - |
| 47 | 1825 | Storage Battery Equipment | \$ | - | \$ | - | \$ | - | \$ | - | \$ |  | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ | 7,849,916 | \$ | 664,965 | \$ | - | \$ | 8,514,881 | \$ | (2,719,767) | \$ | $(233,925)$ | \$ | - | \$ | $(2,953,692)$ | \$ | 5,561,189 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 5,980,721 | \$ | 601,830 | \$ | - | \$ | 6,582,551 | \$ | (1,994,967) | \$ | $(99,859)$ | \$ | - | \$ | $(2,094,825)$ | \$ | 4,487,726 |
| 47 | 1840 | Underground Conduit | \$ | 655,600 | \$ | 7,973 | \$ | - | \$ | 663,573 | \$ | $(285,897)$ | \$ | $(14,568)$ | \$ | - | \$ | $(300,464)$ | \$ | 363,108 |
| 47 | 1845 | Underground Conductors \& Devices | \$ | 2,669,706 | \$ | 64,887 | \$ | - | \$ | 2,734,594 | \$ | $(1,271,003)$ | \$ | $(38,269)$ | \$ | - | \$ | $(1,309,272)$ | \$ | 1,425,322 |
| 47 | 1850 | Line Transformers | \$ | 5,705,859 | \$ | 412,020 | \$ | - | \$ | 6,117,879 | \$ | $(2,417,936)$ | \$ | $(133,519)$ | \$ | - | \$ | $(2,551,455)$ | \$ | 3,566,424 |
| 47 | 1855 | Services (Overhead \& Underground) | \$ | 2,846,083 | \$ | 71,241 | \$ | - | \$ | 2,917,324 | \$ | $(1,455,794)$ | \$ | $(51,034)$ | \$ | - | \$ | $(1,506,828)$ | \$ | 1,410,497 |
| 47 | 1860 | Meters | \$ | 2,720,290 | \$ | 49,033 | \$ | - | \$ | 2,769,323 | \$ | $(1,118,152)$ | \$ | $(212,143)$ | \$ | - | \$ | (1,330,294) | \$ | 1,439,029 |
| N/A | 1905 | Land | \$ | 87,795 | \$ | - | \$ | - | \$ | 87,795 | \$ |  | \$ | - | \$ | - | \$ | - | \$ | 87,795 |
| 47 | 1908 | Buildings \& Fixtures | \$ | 522,774 | \$ | 6,380 | \$ | - | \$ | 529,154 | \$ | $(142,364)$ | \$ | $(16,256)$ | \$ | - | \$ | $(158,620)$ | \$ | 370,534 |
| 13 | 1910 | Leasehold Improvements | \$ | - | \$ | - | \$ | - | \$ |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 8 | 1915 | Office Furniture \& Equipment | \$ | 186,657 | \$ | 6,630 | \$ | - | \$ | 193,287 | \$ | $(135,728)$ | + | $(10,536)$ | \$ | - | \$ | $(146,264)$ | \$ | 47,023 |
| 45.1 | 1920 | Computer Equip.-Hardware | \$ | 875,044 | \$ | 2,520 | \$ | - | \$ | 877,564 | \$ | $(841,594)$ | + | $(12,506)$ | \$ | - | \$ | $(854,100)$ | \$ | 23,465 |
| 10 | 1930 | Transportation Equipment | \$ | 1,372,858 | \$ | - | \$ | - | \$ | 1,372,858 | \$ | $(574,859)$ | \$ | $(140,261)$ | \$ | - | \$ | $(715,120)$ | \$ | 657,738 |
| 8 | 1935 | Stores Equipment | \$ | 3,729 | \$ | - | \$ | - | \$ | 3,729 | \$ | $(3,471)$ | - | (258) | \$ | - | \$ | $(3,729)$ | \$ | 0 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ | 565,162 | \$ | 20,326 | \$ | $(343,008)$ | \$ | 242,480 | \$ | $(333,578)$ | \$ | $(10,008)$ | \$ | 161,985 | \$ | $(181,602)$ | \$ | 60,878 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ | 64,529 | \$ | - | \$ | - | \$ | 64,529 | \$ | $(56,674)$ | \$ | $(11,306)$ | \$ | - | \$ | $(67,980)$ | \$ | $(3,451)$ |
| 8 | 1950 | Power Operated Equipment | \$ | 15,450 | \$ | - | \$ | - | \$ | 15,450 | \$ | $(4,372)$ | \$ | $(2,946)$ | \$ | - | \$ | $(7,318)$ | \$ | 8,132 |
| 8 | 1955 | Communication Equipment | \$ | 40,580 | \$ | - | \$ | - | \$ | 40,580 | \$ | $(40,406)$ | \$ | $(8,058)$ | \$ | - | \$ | $(48,464)$ | \$ | $(7,884)$ |
| 8 | 1960 | Miscellaneous Equipment | \$ | 174,539 | \$ | 179 | \$ | 197,293 | \$ | 372,011 | \$ | $(45,967)$ | \$ | $(103,677)$ | \$ | $(142,963)$ | \$ | $(292,607)$ | \$ | 79,403 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ | - | \$ | - | \$ | - | \$ | . | \$ | - | \$ | . | \$ | - | \$ | - | \$ | - |
| 47 | 1975 | Load Management Controls Utility Premises | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1980 | System Supervisor Equipment | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ |  | \$ | - | \$ | - | \$ | - |
| 47 | 1990 | Other Tangible Property | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1995 | Contributions \& Grants | \$ | $(2,201,752)$ | \$ | $(289,909)$ | \$ | - | \$ | $(2,491,660)$ | \$ | 862,486 | \$ | 93,868 | \$ | - | \$ | 956,354 | \$ | $(1,535,306)$ |
|  | 2005 | Property Under Finance Leases | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
|  | 2010 | Electric Plant Purchased or Sold | \$ | 41,000 | \$ | - | \$ | - | \$ | 41,000 | \$ | $(15,545)$ | \$ | $(1,212)$ | \$ | - | \$ | $(16,757)$ | \$ | 24,243 |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Sub-Total | \$ | 34,365,748 | \$ | 2,006,213 | \$ | $(145,715)$ | \$ | 36,226,245 | \$ | $(14,059,347)$ | \$ | (1,140,586) | \$ | 19,022 | \$ | (15,180,911) | \$ | 21,045,335 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility <br> Assets (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Total PP\&E | \$ | 34,365,748 | \$ | 2,006,213 | \$ | $(145,715)$ | \$ | 36,226,245 | \$ | $(14,059,347)$ | \$ | (1,140,586) | \$ | 19,022 | \$ | (15,180,911) | \$ | 21,045,335 |
|  |  | Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Total |  |  |  |  |  |  |  |  |  |  |  | (1,140,586) |  |  |  |  |  |  |


| 10 |  | Transportation |
| :---: | :--- | :--- |
| 8 |  | Stores Equipment |


| Less: Fully Allocated Depreciation |  |  |
| :--- | :--- | :--- |
| Transportation | $\$(140,261)$ |  |
| Stores Equipment | $\$$ | $(24,519)$ |
| Miscellaneous Adjustments | $\$$ | $(26,639)$ |
|  | $\$ 249,167$ |  |

## 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.

2 The "CCA Class" for fixed assets should 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 Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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
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 FRS 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.



| File Number: | EB-2018-0028 |
| :--- | ---: |
| Exhibit: | 1 |
| Tab: |  |
| Schedule: |  |
| Page: |  |
| Date: | 27-Apr-18 |

## Appendix 2-BA

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

## Energy+ (Former Cambridge and North Dumfries Hydro Inc.)

Accounting Standard CGAAP
Year 2014

|  |  |  | Cost |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { CCA } \\ \text { Class }^{2} \end{gathered}$ | $\begin{gathered} \text { OEB } \\ \text { Account }{ }^{3} \end{gathered}$ | Description ${ }^{3}$ | Opening Balance |  | Additions ${ }^{4}$ |  | Disposals ${ }^{6}$ |  | Closing Balance |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 3,524,730 | \$ | 299,975 | \$ | - | \$ | 3,824,705 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ | - | \$ | - | \$ | - | \$ | - |
| N/A | 1805 | Land | \$ | 252,923 | \$ | - | \$ | - | \$ | 252,923 |
| 47 | 1808 | Buildings | \$ | 1,190,197 | \$ | - | \$ | - | \$ | 1,190,197 |
| 13 | 1810 | Leasehold Improvements | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1815 | Transformer Station Equipment >50 kV | \$ | 10,053,774 | \$ | - | \$ | - | \$ | 10,053,774 |
| 47 | 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1825 | Storage Battery Equipment | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ | 31,526,866 | \$ | 1,840,594 | \$ | - | \$ | 33,367,460 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 37,630,439 | \$ | 2,164,104 | \$ | - | \$ | 39,794,543 |
| 47 | 1840 | Underground Conduit | \$ | 27,728,747 | \$ | 511,353 | \$ | - | \$ | 28,240,100 |
| 47 | 1845 | Underground Conductors \& Devices | \$ | 40,244,002 | \$ | 1,079,255 | \$ | - | \$ | 41,323,257 |
| 47 | 1850 | Line Transformers | \$ | 46,238,994 | \$ | 1,667,605 | \$ | - | \$ | 47,906,599 |
| 47 | 1855 | Services (Overhead \& Underground) | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1860 | Meters | \$ | 10,164,609 | \$ | 277,372 | \$ | - | \$ | 10,441,981 |
| N/A | 1905 | Land | \$ | 213,797 | \$ | - | \$ | - | \$ | 213,797 |
| 47 | 1908 | Buildings \& Fixtures | \$ | 5,575,328 | \$ | 229,629 | \$ | - | \$ | 5,804,957 |
| 13 | 1910 | Leasehold Improvements | \$ | - | \$ | - | \$ | - | \$ | - |
| 8 | 1915 | Office Furniture \& Equipment | \$ | 772,182 | \$ | 51,558 | \$ | - | \$ | 823,741 |
| 45.1 | 1920 | Computer Equip.-Hardware | \$ | 2,515,575 | \$ | 586,369 | \$ | $(29,720)$ | \$ | 3,072,224 |
| 10 | 1930 | Transportation Equipment | \$ | 4,361,423 | \$ | 461,921 | \$ | $(25,178)$ | \$ | 4,798,167 |
| 8 | 1935 | Stores Equipment | \$ | 93,729 | \$ | - | \$ | - | \$ | 93,729 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ | 1,151,630 | \$ | 37,880 | \$ | - | \$ | 1,189,511 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ | - | \$ | - | \$ | - | \$ | - |
| 8 | 1950 | Power Operated Equipment | \$ | - | \$ | - | \$ | - | \$ | - |
| 8 | 1955 | Communication Equipment | \$ | - | \$ | - | \$ | - | \$ | - |


| Accumulated Depreciation |  |  |  |  |  |  | Net Book Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opening Balance |  | dditions |  | osals ${ }^{6}$ |  | Closing Balance |  |  |
| \$ (1,999,040) | \$ | $(552,789)$ | \$ | - | \$ | $(2,551,829)$ | \$ | 1,272,876 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | \$ | - | \$ | - | \$ | - | \$ | 252,923 |
| \$ $(284,772)$ | \$ | $(20,555)$ | \$ | - | \$ | $(305,327)$ | \$ | 884,870 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ $(3,117,519)$ | \$ | $(367,282)$ | \$ | - | \$ | $(3,484,802)$ | \$ | 6,568,972 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ (14,720,334) | \$ | $(441,540)$ | \$ | 477,106 | \$ | (14,684,768) | \$ | 18,682,693 |
| \$ (17,302,840) | \$ | $(627,180)$ | \$ | 319,116 | \$ | $(17,610,904)$ | \$ | 22,183,639 |
| \$ (13,324,663) | \$ | $(204,692)$ | \$ | - | \$ | $(13,529,355)$ | \$ | 14,710,745 |
| \$ (19,190,612) | \$ | $(524,006)$ | \$ | 33,404 | \$ | (19,681,214) | \$ | 21,642,044 |
| \$ (22,915,044) | \$ | $(636,350)$ | \$ | 142,627 | \$ | (23,408,766) | \$ | 24,497,833 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ $(2,434,033)$ | \$ | $(674,236)$ | \$ | - | \$ | $(3,108,269)$ | \$ | 7,333,712 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | 213,797 |
| \$ $(3,688,406)$ | \$ | $(167,552)$ | \$ | - | \$ | $(3,855,958)$ | \$ | 1,948,999 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ $(527,747)$ | \$ | $(34,100)$ | \$ | - | \$ | $(561,847)$ | \$ | 261,893 |
| \$ $(1,894,382)$ | \$ | $(440,964)$ | \$ | 29,499 | \$ | $(2,305,847)$ | \$ | 766,377 |
| \$ $(2,715,516)$ | \$ | $(229,996)$ | \$ | 25,178 | \$ | $(2,920,335)$ | \$ | 1,877,832 |
| \$ $(93,729)$ | \$ | - | \$ | - | \$ | $(93,729)$ | \$ | - |
| \$ $(734,420)$ | \$ | $(75,745)$ | \$ | - | \$ | $(810,164)$ | \$ | 379,346 |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| \$ | \$ | - | \$ | - | \$ | - | \$ | - |


| 8 | 1960 | Miscellaneous Equipment | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 47 | 1970 | Load Management Controls Customer Premises | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1975 | Load Management Controls Utility Premises | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1980 | System Supervisor Equipment | \$ | 714,214 | \$ | - | \$ | - | \$ | 714,214 |  | \$ (714,214) | \$ | - | \$ | - | \$ | $(714,214)$ | \$ | - |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1990 | Other Tangible Property | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 1995 | Contributions \& Grants | \$ | (20,139,307) | \$ | $(500,449)$ | \$ | - | \$ | (20,639,756) |  | \$ 5,135,420 | \$ | 411,288 | \$ | - | \$ | 5,546,707 | \$ | $(15,093,049)$ |
|  | 2005 | Property under Finance Leases | \$ | 61,873 | \$ | - | \$ | - | \$ | 61,873 |  | \$ (61,873) | \$ | - | \$ | - | \$ | $(61,873)$ | \$ | - |
|  | 2010 | Electric Plant Purchased or Sold | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | \$ | - | \$ | - | \$ | - | \$ | - |  | \$ | \$ | - | \$ | - | \$ | - | \$ | - |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Sub-Total | \$ | 203,875,725 | \$ | 8,707,167 | \$ | $(54,898)$ | \$ | 212,527,994 |  | \$ (100,583,724) | \$ | $(4,585,699)$ | \$ | 1,026,929 |  | (104,142,494) | \$ | 108,385,500 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility <br> Assets (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  |  | Total PP\&E | \$ | 203,875,725 | \$ | 8,707,167 | \$ | $(54,898)$ | \$ | 212,527,994 |  | \$ (100,583,724) | \$ | $(4,585,699)$ | \$ | 1,026,929 |  | (104,142,494) | \$ | 108,385,500 |
|  |  | Depreciation Expense adj. from gain or loss | on | the retiremen | $t$ | assets (po | O | like asse | ), | if applicable ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |
|  |  | Total |  |  |  |  |  |  |  |  |  |  | \$ | $(4,585,699)$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | Less: Fully Alloca | ted | Depreciation |  |  |  |  |  |  |
| 10 |  | Transportation |  |  |  |  |  |  |  |  |  | Transportation |  |  | \$ | $(229,996)$ |  |  |  |  |
| 8 |  | Stores Equipment |  |  |  |  |  |  |  |  |  | Stores Equipment |  |  | \$ | - |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | Stranded Meter Ad | djus | tment | \$ | 312,120 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | Removal Costs |  |  | \$ | 354,855 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | Net Depreciation |  |  | \$ | 5,022,678 |  |  |  |  |

## Notes:

 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

2 The "CCA Class" for fixed assets should 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 Board
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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


Appendix 2-BA
Fixed Asset Continuity Schedule
Energy+ (Former Cambridge and North Dumfries Hydro Inc.)
Accounting Standard
MIFRS
Accounting Standard MIFRS


Notes:
Tables in the format outined above covering all fred asset accounts should be submitted for the Test Year, Bridge Year and all relevant histonical years. At a minimum , the applicant must provide data for the earier of: 1) historical years back to its last rebasing; or 2 ) at least three years of historical actuals, in addition to Bridge Year and Test Year forecast
2 The "CCA Class" for fixed assets should 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
3 The table may need to be customized for a utility's asset categories of for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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.
$6 \quad$ The appicant 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 fike assets as a charge or credit to income, for reporting and rate application flimgs, the distributor shall reclassify such gains and losses
as depreciation expense, and disclose the amount separately.

Appendix 2-BA
Fixed Asset Continuity Schedule
Energy+ (Former Cambridge and North Dumfries Hydro Inc.)
Accounting Standard
CGAAP

|  |  |  | Accounting Standard |  | cGAAP 2015 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Cost |  |  |  |
| $\begin{array}{\|c\|c\|} \hline \text { CCAss } \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { OEB }{ }^{\text {Account }} \text { } \\ \hline \end{array}$ | Description ${ }^{3}$ | Opening Balance | Additions ${ }^{4}$ | Disposals ${ }^{6}$ | Closing Balance |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ 3,824,705 | \$ 1,360,230 | \$ . | \$ 5,184,935 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ | \$ 1,200,230 | \$ | $\pm$ ¢ |
| N/A | 1805 | Land | 252,923 | ${ }_{5}$ | ${ }_{5}$ | 252,923 |
| 47 | 1808 | Builings | 1,190,197 | 9,430 | \$ | 1,199,627 |
| 13 | 1810 | Leasehold Improvements | \$ | \$ | \$ | \$ |
| 47 | 1815 | Transformer Station Equipment 250 kV | 10,053,774 | \$ | ¢ | 10,053 |
| 47 | 1820 | Distribution Station Equipment <50 kV | \$ | \$ | ${ }^{\text {s }}$ | \$ |
| 47 | 1825 | Storaqe Batterv Equipment |  | \$ | \$ | \$ |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ 33,367,460 | \$ 2,949,626 | \$ | \$ 36,317,086 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ 39,794,543 | \$ 2,199,951 | \$ | \$ 41,994,494 |
| 47 | 1840 | Underground Conduit | \$ 28,240,100 | \$ 1,314,977 | \$ | \$ 29,555.077 |
| 47 | 1845 | Underqround Conductors \& Devices | \$ 41, 323,257 | \$ $2.249,779$ | \$ | \$ 43,573,036 |
| 47 | 1850 | Line Transformers | \$ 47,906,599 | \$ $2,048,339$ | \$ | 49,954,939 |
| 47 | 1855 | Serices (Overhead \& Underground) | \$ | \$ | \$ |  |
| 47 | 1860 | Meters | \$ 10,441, , 81 | 193,934 | \$ | 10,635,915 |
| N/A | 1905 | Land | 213,797 |  | ${ }^{\text {\$ }}$ | \$ 213,7 |
| 47 | 1908 | Buildings $\&$ Fixtures | 5.804,957 | 83,799 |  | \$ 5,888,75 |
| 13 | 1910 | Leasehold Improvements | \$ - | 24.525 | 5 | 24,5 |
| 8 | 1915 | Office Furniture \& Equipment | 823,741 | 100,813 | \$ | 924,5 |
| 45.1 | 1920 | Computer Equip. Hardware | 3,072,224 | 225,366 | (13,93 | 3,283,658 |
| 10 | 1930 | Transportation Equipment | 4,798,167 | 596,194 | 521,58 | 4,872,775 |
| 8 | 1935 | Stores Equipment | 93,729 | 14.625 |  | 108,354 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | 1,189,511 | 45,884 | ${ }^{\text {s }}$ | 1,235,395 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ |  | ${ }_{5}$ | \$ |
| ${ }^{8}$ | 1950 | Power Operated Equipment | \$ | \$ | ${ }^{\text {¢ }}$ | \$ |
| 8 | 1955 | Communication Equipment | \$ | s | \$ | ¢ |
| 8 | 1960 | Miscellaneous Equipment | \$ | \$ | \$ | \$ |
| 47 | 1970 | Load Management Controls Customer Premises | \$ . | \$ . | \$. | \$ |
| 47 | 1975 | Load Management Controls Utility Premises | $\$$. | \$ . | \$ | \$ |
| 47 | 1980 | Svstem Supervisor Equipment | 714,214 | \$ | \$ . | 14. |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | S | \$ | \$ |
| 47 | 1990 | Other Tangible Property | \$ | \$ | \$ | \$ |
| 47 | 1995 | Contributions \& Grants | \$ (2,639,756) | \$(4,206,572) | \$ | \$ (24,846,328) |
|  | 2005 | Property under Firance Leases | 61,873 |  | \$ | \$ 61,873 |
| 47 | $\frac{2010}{2440}$ | Electic Plant Purchased or Sold | ${ }_{\$}^{\text {\$ }}$ - | ${ }_{\text {\$ }}^{\text {\$ }}$, | \$ | \$ |
|  |  | Sub-Total | \$ $212.527,994$ | S 9,210,901 | \$ 5355.519 |  |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  | 5 |
|  |  | Less Other Non Rate-Regulated Utility |  |  |  | \$ |
|  |  | Total PP\&E | \$ 212,527,994 | S 9,210,901 | \$(535,519) | \$ 221,203,377 |
|  |  | Depreciation Expense adj. from gain or lo | s on the retirem | nt of assets (p | ool of like ass | ets), if applicable |

 | $\$(104,142,494)$ | $\mathrm{s}(4,912,906)$ | s | 535,519 | $\mathrm{~s}(108,519,881)$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\$ 112,683,496$ |  |
|  |  |  | $\$$ | $\$$ |
|  |  |  |  |  |



Notes:
1 Tables in the format outined above covering all fixed asset accounts should be submited for the Test Year, Bridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earier of .
2 The "CCA Class" for fixed assetts should 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
.
The table may need to be customized for a utilitys asset categories or for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP)
5 Effective on the date of IFRS adoption, customer contributions will no longer be recorded in Account 1995 Contribution $\& G$ Grants, but will be recorded in Account 2440 , Deferred Revenues.
6 The applicant must ensure that al asset disposals have been clearly identified in the Chapter 2 Appendices for all historic., bridge and test years. Where a a distributor for general financial reporting purposes under IFRS has accounted for the amount of gain or loss on the retirement of asse
losses as depreciation expense, and disclose the amount separately

Appendix 2-BA
Fixed Asset Continuity Schedule
Energy + (Former Cambridge and North Dumfries Hydro Inc.)
Accounting Standard
MFRS




$\qquad$

| Less: Fully All |  |  |
| :---: | :---: | :---: |
| Transportation | \$ | (276,839) |
| Stores Equipment |  |  |
| Net Depreciation |  | 5.093,494 |

Notes:
1 Tables in the format outined 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 eariie 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.

2 The "CCA Class" for fixed assetts should 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 utilitys asset categories or for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP)
5 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.
6 The applicant must ensure that all asset disposals have been clearly ydentified in the Chapter 2 Appendices for all historic, bridge and test years. Where a distributor for general financial reporing purposes under IFRS losses as depreciation expense, and disclose the amount separataly.

Accounting Standard CGAAP

| $\begin{array}{\|l\|} \hline \text { CCA } \\ \hline \text { Class }^{2} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { Account }{ }^{3} \\ \hline \end{array}$ | Description ${ }^{3}$ | Cost |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ${ }^{\text {Opening }}$ | Additions ${ }^{4}$ | Disposals ${ }^{6}$ | Closing |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ 3,524,730 | \$ 948.115 | \$ . | \$ $4.472,845$ |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ . | \$ . | \$ . | $\pm$. |
| N/A | 1805 | Land | 347.843 | \$ . | \$ | 347.843 |
| 47 | 1808 | Buildings | 2,002,009 | \$ | \$ | 2,002,009 |
| 13 | 1810 | Leasehold Improvements | \$ | \$ | \$ | \$ - |
| 47 | 1815 | Transformer Station Equipment 750 kV | \$ 12,563,883 | \$ | \$ | \$ 12,563,883 |
| 47 | 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | 124,226 | \$ | \$ | 124,226 |
| 47 | 1825 | Storage Batery Equipment | $\$^{5}$ | \$ | ¢ | ${ }^{\$}$ |
| 47 | 1830 | Poles, Towers \& Fixures | \$ 38,751,164 | \$ 2,466,213 | \$ | 41,217,377 |
| 47 | 1835 | Overead Conductors \& Devices | \$ 43,393,277 | \$ 2,381,987 | \$ | 45,775,264 |
| 47 | 1840 | Underaround Conduit | 28,334,297 | 561,403 | \$ | 28,895,7 |
| 47 | 1845 | Underground Conductors \& Devices | 42,791,841 | \$ 1,201,122 | \$ | 43,992,964 |
| 47 | 1850 | Line Transtormers | 51,736,853 | \$ 1,875,606 | \$ | \$ 53,612,458 |
| 47 | 1855 | Serices (Overhead \& Underaround) | 2,786,110 | 59,973 | \$ | \$ 2,846,083 |
| 47 | 1860 | Meters | 12,866,744 | 295,527 | \$ | \$ 13,162 |
| N/A | 1905 | Land | 301,592 | \$ | \$ | 301.592 |
| 47 | 1908 | Buildings \& Fixtures | 6,098,101 | 229,629 | ${ }^{5}$ | 6,327,731 |
| 13 | 1910 | Leasehold Improvements | \$ | \$ | \$ | \$ |
| 8 | 1915 | Office Furniture \& Equipment | 958,839 | 51.558 | \$ - | 1,010,398 |
| 45.1 | 1920 | Computer Equip. Hadrdware | \$ 4.010,166 | \$ 5988,258 | (661,156) | 3,947,268 |
| 10 | 1930 | Transporataion Equipment | \$ 5,561,706 | 848,074 | (238,754) | 6,171,025 |
| 8 | 1935 | Stores Equipment | 97,458 | \$ | \$ |  |
| 8 | 1940 | Tools, Shop \& Garaqe Equipment | 1,699,543 | 55.129 | \$ | 754,672 |
| 8 | 1945 | Measurement \& Testing Equipment | 64.529 | \$ | \$ | 64.529 |
| 8 | 1950 | Power Operated Equipment | 2,708 | 12.742 | \$ | 15,450 |
| 8 | 1955 | Communication Equipment | 40.580 | \$ | \$ | 40,580 |
| 8 | 1960 | Miscellaneous Equipment | 300,309 | \$ | (125,771) | 174.539 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ . | \$ . | \$ . | \$ . |
| 47 | 1975 | Load Management Controls Utility Premises | s | 5 | s | \$ |
| 47 | 1980 | System Superisor Equipment | 714,214 | \$ | \$ | 714,214 |
| 47 | 1985 | Miscellaneous Fixed Assets |  |  | s |  |
| 47 | 1990 | Other Tangible Property | ${ }^{5}$ | \$ | \$ | \$ |
| 47 | 1995 | Contributions \& Grants | \$ $(22,085,361)$ | \$ (756,147) |  | \$ (22,841,508) |
|  | 2005 | Property Under Finance Leases | 61,873 |  | s | 61,873 |
|  | 2010 | Electric Plant Purchased or Sold | 41,000 | \$ | \$ | 41,000 |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | \$ - | \$ | \$ | \$ - |
|  |  | Sub-Total | \$ 237,090,234 | \$10,829,190 | S (1,025,681) | \$ 246,893,742 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  | \$ . |
|  |  | Less Other Non Rate-Regulated Utility |  |  |  | \$ |
|  |  | Total PP\&E | \$ 237,090,234 | \$10,829,190 |  |  |
|  |  | Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable ${ }^{6}$ Total |  |  |  |  |


$\qquad$

|  |  | $\$$ | $\$ 113,719,990)$ |
| :--- | :--- | :--- | :--- |
|  | $\$(5,756,577)$ | s $1,274,726$ | $\$(118,201,841)$ |

$$
\text { s }(5,756,577)
$$

Less. Fullv Allocated Denreciatio

| Less: F |  |  |
| :---: | :---: | :---: |
| Transportation | \$ | (358,564) |
| Stores Equipment | \$ | (112,906) |
| Stranded Meter Adjustment | \$ | 312,120 |
| Removal Costs | \$ | 354,855 |
| Net Depreciation |  | 5,952,08 |

Notes:
1 Tables in the format outined above covering all fixed asset accounts should be submitted for the Test Year, Sridge Year and all relevant historical years. At a minimum , the applicant must provide data for the earlier of
2 The "CCA Class" for fixed assets should 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
.rpe CCA Classes for tax purposes. If an applicant uses any different classes trom those shown in the table, an explanation should be provided. (also see note 3).
3 The table may need to be customized for a utilitys asset categories or for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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
6 The applicant must ensure that all asset disposals have been clearly ydentified in the Chapter 2 Appendices for all historic, bridge and test years. Where a distributo for general financial reporting purposes under IFRS has accounted for the amount of gain or loss on the retirement of asset
losses as depreciation expense, and disclose the amount separately.

Appendix 2-BA
Fixed Asset Continuity Schedule
Energy+ Consolidated (Former Cambridge and North Dumfries Hydro Inc. and Brant County Power Inc.) Accounting Standard
Year $\begin{gathered}\text { CGAAP } \\ 2015\end{gathered}$

|  |  |  | Cost |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|c} \text { CCA } \\ \text { Class }^{2} \end{array}$ | $\stackrel{\text { OEB }}{\text { Account }{ }^{3}}$ | Description ${ }^{3}$ | Opening Balance | Additions ${ }^{4}$ | Disposals ${ }^{6}$ | Closing Balance |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ 4,472,845 | \$ 1,362.426 | \$ . | 5,835, 271 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ . | \$ . | \$ . | \$ . |
| N/A | 1805 | Land | 347,843 | \$ | \$ | 347,8 |
| 47 | 1808 | Builiding | 2,002,009 | 9,430 | \$ | 2,011,439 |
| 13 | 1810 | Leasehold Improvements | ${ }^{\$}$ | \$ | \$ | \$ |
| 47 | 1815 | Transtormer Station Equipment $>50 \mathrm{kV}$ | 12,563,883 | 385,942 | \$ | 12,949,824 |
| 47 | 1820 | Distribution Station Equipment < 50 kV | 124,226 | \$ - | \$ | 124,226 |
| 47 | 1825 | Storage Battery Equipment | \$ | ${ }^{5}$ | \$ | \$ |
| 47 | 1830 | Poles, Towers \& Fixures | 41,217,377 | 3,614,591 | \$ | 44,831,96 |
| 47 | 1835 | Overhead Conductors \& Devices | 45,775,264 | \$ 2,801,781 | \$ | 48,577,045 |
| 47 | 1840 | Underaround Conduit | 28,895,700 | \$ 1,322,950 | \$ | \$ 30,218,650 |
| 47 | 1845 | Underaround Conductors \& Devices | 43,992,964 | \$ 2,314,666 | \$ | 46,307,629 |
| 47 | 1850 | Line Transtormers | 53,612,458 | \$ 2,460,360 | \$ | 56,072,818 |
| 47 | 1855 | Services (Overhead \& Underground) | 2,846,083 | 71,241 | \$ | 2,917,324 |
| 47 | 1860 | Meters | 13,162,271 | 242,967 | \$ | 13,405,23 |
| N/A | 1905 | Land | 301,592 | \$ | \$ | 301,59 |
| ${ }^{47}$ | 1908 | Buildinas \& Fixtures | 6,327,731 | 90,179 | \$ | 6,417,910 |
| 13 | 1910 | Leasehold Improvements | \$ - | 24,525 | \$ | 24,525 |
| 61 | 1915 | Office Furniture \& Equipment | 1,010,398 | 107,443 | \$ - | 1,117,840 |
| 45.1 | 1920 | Computer Equip.-Hardware | 3,947,268 | 227,887 | \$ (13,932) | 4,161,222 |
| $\frac{10}{8}$ | 1930 | Transportation Equipment | 6,171,025 | 596,194 | \$ (521,587) | 6,245,63 |
| 8 | 1935 | Stores Equipment | 97,458 | 14,625 |  | 1122,083 |
| ${ }_{8}^{8}$ | 1940 1945 | Tools, Shop \& Garage Equipment | 1,754,672 | 66,211 | ${ }_{\text {\$ }}^{\text {\$ }}(343,008)$ | 1, 1,477,875 |
| 8 | 1950 | Measurement \& Testung Equipment | 154,450 | \$ | \$ - | 15,45 |
| 8 | 1955 | Communication Equipment | 40,580 | \$ | ${ }_{5}$ S. | 40,580 |
| 8 | 1960 | Miscellaneous Equipment | 174,539 | 179 | \$ 197,293 | 372,011 |
| 47 | 970 | Load Management Controls Customer Premises | \$ | \$ . | \$ . | \$ . |
| 47 | 1975 | Load Management Controls Utility Premises | \$ | \$ | \$ . |  |
| 47 | 1980 | System Supervisor Equipment | 714,214 | \$ | \$ | 714,214 |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ - | \$ | \$ | \$ |
| 47 | 1990 | Other Tangible Property | \$ | \$ | \$ | \$ |
| 47 | 1995 | Contributions \& Grants | (22,841,508) | \$ (4,496,48 | \$ | 337,989 |
|  | 2005 | Property Under Finance Leases | 61,873 | ${ }^{\text {¢ }}$ | \$ | 61,873 |
|  | 2010 | Electric Plant Purchased or Sold | 41,000 | \$ | \$ | 41,000 |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | \$ - | ${ }^{5}$ | \$ | $\$$ - |
|  |  | Sub-Total | \$ 246,893,742 | \$ 11,217,114 | S (681,234) | \$ 257,429,622 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  | \$ |
|  |  | Less Other Non Rate-Regulated Utility |  |  |  |  |
|  |  | Assels (mput as negative) | \$ 246,893,742 | S 11,217,114 | S (681,234) | \$ 257,429,622 |
|  |  | Depreciation Expense adj. from gain or lo | $s$ on the retireme | ent of assets (p) | ool of like ass | sets, if applicable |


| Accumulated Depreciation |  |  |  |  |  |  | Net BookValue |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opening | Additions |  |  | sposals ${ }^{6}$ |  | Closing Balance |  |  |
| \$ (3,051,681) | \$ | (746,850) | \$ |  |  | $(3,798,531)$ | \$ | 2,036,740 |
| \$ . | \$ |  | \$ |  | \$ |  |  |  |
| \$ | \$ |  | \$ |  | \$ |  | \$ | 347,843 |
| \$ (594,759 | \$ | 34,026 | \$ |  | \$ | (628,785) | \$ | 1,382,654 |
| \$ | \$ |  | \$ |  | \$ |  | \$ |  |
| \$ (4,035,053) | \$ | (426,041) | \$ |  | \$ | $(4,461,094)$ | \$ | 8,488,731 |
| \$ (124,226) | \$ |  | \$ |  | \$ | (124,226) | \$ |  |
| ¢ | \$ |  | ${ }^{\text {s }}$ |  | \$ |  | ${ }^{\text {¢ }}$ |  |
| \$ (17,404,535) | \$ | (727,444) | S | . | \$ | (18,131,979) | \$ | 26,699,988 |
| \$ (19,605, 870) | \$ | (773,213) | \$ |  | \$ | (20,379,084) | $\$$ | 28,197,961 |
| \$ (13,815, 252) | \$ | (237,821) | \$ |  | \$ | (14,053,073) | \$ | 16,165,577 |
| \$ (20,952,216) | \$ | (602,471) | \$ |  | \$ | (21,554,687) | \$ | 24,752,942 |
| \$ (25,826,702) | \$ | (805,421) | \$ | . |  | (26,632,123) | \$ | 29,440,695 |
| \$ (1,455,794) | \$ | (51,034) | \$ |  | ${ }^{\text {s }}$ | (1,506,828) |  | 1,410,497 |
| \$ ( $4,226,421$ ) | \$ | (888,959) | \$ |  | \$ | (5,115,380) |  | 8,289,858 |
| \$ | \$ |  | \$ |  | \$ |  | \$ | 301,592 |
| \$ (3,998,322) | \$ | (178,174) | \$ |  | \$ | $(4,176,496)$ | \$ | 2,241,413 |
| \$ | \$ | $(8,674)$ | S |  | \$ | (8,674) | \$ | 15,851 |
| \$ (697,575) | \$ | (50,954) | \$ |  | \$ | (748,529) | \$ | 369,311 |
| \$ ( $3,147,440$ ) | \$ | (468,079) | \$ | 13,932 | \$ | (3,601,587) | \$ | 559,635 |
| \$ ( $3,495,194$ ) | \$ | (417,100) | \$ | 521,587 | \$ | (3,390,708) | \$ | 2,854,925 |
| \$ $(97,200)$ | \$ |  | \$ |  | \$ | (98,189) | \$ | 13,894 |
| \$ ( $1,143,743$ ) | \$ | (87,348) | S | 161,985 | \$ | (1,069,106) | \$ | 408,769 |
| \$ (5,674) | \$ | (11,306) | \$ |  | \$ | (67,980) | \$ | $(3,451)$ |
| \$ (4,372) | \$ | $(2,946)$ | \$ |  | \$ | $(7,318)$ | \$ |  |
| \$ (40,406) | + |  | \$ |  | \$ |  | \$ |  |
| \$ (45,967) | \$ | (103,677) | \$ | (142,963) | \$ | (292,607) | \$ | 79,403 |
| \$ | \$ | . | \$ | . | \$ |  | \$ |  |
| \$ . | \$ |  | \$ |  | \$ |  | \$ |  |
| \$ (714, 214) | \$ |  | \$ |  | \$ | (714,214) | \$ |  |
| \$ - | \$ |  | \$ |  | \$ |  | \$ |  |
| s | \$ |  | $\$$ |  | \$ |  | \$ |  |
| \$ ${ }^{\text {\$ }}$ 6,409,193 | \$ | 578,307 | S |  | \$ | 6,987,501 |  | 0,350,488) |
| \$ (61, 873) | \$ |  | \$ |  | \$ | (61,873) | \$ |  |
| \$ (15,545) | \$ | (1,212) |  |  | \$ | (16,757) | \$ | 24,243 |
| \$ - | \$ |  | \$ |  | \$ |  | $\pm$ |  |


|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\$(118,201,841)$ | $\$$ | $(6,053,491)$ | $\$$ | 554,541 | $\$(123,700,792)$ | $\$ 133,728,830$ | |  |  |  | $\$$ | $\$$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\$$ | $\$$ |
|  | $\$(118,201,841)$ | $\$$ | $(6,053,491)$ | $\$$ | |  |  |  |
| :--- | :--- | :--- |
|  | $(6,053,491)$ |  |



| Less: Fully Allocated Depreciation <br> Transportaion <br> Stores Equipment <br> Net Deqreciation | $\$ \quad(417,100)$ |
| :--- | :--- |
|  | $\$ 5,636,391$ |

Notes:
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 earier
of: 1 ) all historical years back to tits last rebasing; or 2 ) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.
2 The "CCA Class" for fixed assets should 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 (all 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 Board.
$4 \quad$ The additions in column (E) must not include construction work in progress (CWIP).
5 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
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 reclassity such gains and
losses as depreciation expense, and disclose the amount separately.

Fixed Asset Continuity Schedule
Energy+ Consolidated (Former Cambridge and North Dumfries Hydro Inc. and Brant County Power Inc.)


| Accumulated Depreciation |  |  |  |  | Net Book Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Opening Balance |  | Additions | Disposals ${ }^{6}$ | Closing Balanc |  |
| (3,798,531) | \$ | (839,876) | \$ | \$ (4,638.407) | \$ 2,266,250 |
| \$ | \$ |  | \$ | \$ | \$ |
| \$ | \$ |  | \$ | \$ - | 347.843 |
| (628,785 | \$ | (30,957) | \$ | (659,742) | 1,351,717 |
| ${ }^{\$}$ | \$ | - | \$ | ${ }^{5}$ | ${ }^{\text {\$ }}$ |
| $\frac{8}{\text { S }}$ | ${ }^{\text {s }}$ | (433,366) | \$ | $\frac{(4,894,460)}{(124,226)}$ | 8,117,349 |
| \$ | \$ |  | \$ | \$ | \$ |
| (18,131,979 | \$ | (454,414) | \$ | \$ (18,586,393) | 30,247,339 |
| \$ (20,379,084) | \$ | (815,866) | \$ | \$ ( $21,194,950$ ) | \$ $31,034,847$ |
| \$ (14,053,073) | \$ | ${ }_{(233,373)}^{(16130)}$ | \$ | \$ (14,286,445) | \$ 17,573,563 |
| \$ (21,554,687) | s | (611,390) | \$ | \$ (22,166,077) | 26,382,667 |
| \$ (26,632,123) | \$ | (695,098) | \$ | \$ (27,327,221) | 31,166,597 |
| \$ (1,506,828) | \$ | (8,452) | \$ | \$ (1,.515,280) | 1,402,045 |
| \$ (5,115,380) | \$ | (1,114,982) | \$ | (6,230,362) | 7,441,855 |
| \$ | \$ |  | \$ | \$ | 301,423 |
| \$ (4,176,496) | \$ | (204,937) | \$ | (4,381,434) | 2,063,226 |
| (8.674) | \$ | (15.851) | \$ | (24,525) |  |
| (788,529) | \$ | (60,456) | \$ | (808,985) | 340,144 |
| (3,601,587) | \$ | (370,475) | \$ 35.922 | \$ (3,936,140) |  |
| \$ (3,390,708) | \$ | (335,578) | \$ 103,991 | ${ }^{\text {s }}(3,622,295)$ | \$ $2,922,382$ |
| \$ $\quad(98,189)$ | \$ | (1,463) | \$ | (99,651) | 12,431 |
| \$ (1,069,106) | \$ | (112,984) | \$ | $(1,182,090)$ | 383,612 |
| \$ (67,980) | \$ | 3,553 | \$ | (64,427) |  |
| ${ }^{\text {\$ }}$ (7,318) | \$ | (1,768) | \$ | (9,086) | 6,363 |
| \$ (48,464) | \$ | 7.884 | \$ |  | \$ |
| \$ (292,607) | \$ | (8,568) | \$ | (301,175) | 70,835 |
| \$ . | \$ | . | ¢ | \$ | \$ |
| \$ . | \$ |  | \$ . | \$ . | \$ |
| \$ (714,214) | \$ |  | \$ | (714,214) | \$ |
| \$ |  | . | \$ |  |  |
| \$ | \$ |  | S | 7363945 |  |
| \$ 6,987,501 | \$ | 376,445 | \$ | 7,363,945 | ${ }_{\text {\$ }}^{\text {\$ }}$ (19,910,565) |
| \$ (61,873) | \$ |  | S | (61,873) |  |
| \$ (16,757) | \$ |  | 2.425 | \$ (14,332) | \$ - |
| \$ - | \$ | 146,349 | \$ - | 146,349 | \$ $(2,680,186)$ |
| s (123,700,792) | s | (5,815,622) | S 142,338 | s(129,374,077) | \$ 141,222,363 |
|  |  |  |  | \$ . | \$ . |
|  |  |  |  |  |  |
| (123,700,792) | s | (5,815,622) | 142,338 | S (129,374,077) | S 141,222,363 |
|  |  | (5,815,622) |  |  |  |


| 10 |  | Transportation <br> Stores <br> 8 |
| :---: | :---: | :--- |


|  |  |  |
| :---: | :---: | :---: |
| Transportation | \$ | 5,578) |
| moval Costs | \$ |  |
| Deferred Revenue incl. in Other Revenue | \$ | 146,349 |
| Conversion Adjustments | \$ | (23,387) |
| Net Depreciation |  | .114,161 |

Notes:
1 Tables in the format outined 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 eariier of: 1) all
2 The "CCA Class" for fixed assets should 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 muttiple CCA
The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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.
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 accounted for the amount of gan or ross on the retirement
depreciaition expense, and disclose the amount seperately

| File Number: | EE-2018-0028 |
| :--- | ---: |
| Exhibit: | 1 |
| Tab: |  |
| Schedule: |  |
| Page: |  |
| Date: |  |

## Appendix 2-BA

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

Energy+ Consolidated (Former Cambridge and North Dumfries Hydro Inc. and Brant County Power Inc.)
Accounting Standar

| Under IFRS, As of January 1, 2014, the NBV of the Assets became the Cost Basis and Acc. Amortization was set to NIL.Former BrantFormer CND |  |  |  |  |  |  |  |  |  |  |  |  |  | CONSOLIDATED |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class 2 | $\underset{\text { Account } 3}{\text { OEB }}$ | Description 3 | cost | Acc. Amort |  |  | NBV | Cost |  | Acc. Amort |  |  | NBV | Cost |  | Acc. Amort |  | NBV |  |
| 12 | 1611 | Computer Software (Formally known as |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | \$ | \$ | (439,109) | \$ | $(439,109)$ | \$ | 3,524,730 | \$ | (1,999,040) | \$ | 1,525,690 | \$ | 3,524,730 | \$ | $(2,438,149)$ | \$ | 1,086,581 |
| CEC | 1612 | Land Rights (Formally known as Account 1906) | \$ | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| N/A | 1805 | Land | \$ 94,920 | \$ |  | \$ | 94,920 | \$ | 252,923 | \$ |  | \$ | 252,923 | \$ | 347,843 | \$ |  | \$ | 347,843 |
| 47 | 1808 | Buildings | 811,812 | \$ | (275,314) | \$ | 536,498 | \$ | 1,190,197 | \$ | (284,772) | \$ | 905,425 | \$ | 2,002,009 | \$ | (560,086) | \$ | 1,441,923 |
| 13 | 1810 | Leasehold Improvements |  | s |  |  |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 47 | 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ | 2,510,109 | \$ | (495,808) | \$ | 2,014,301 | \$ | 10,053,774 |  | (3,117,519) | \$ | 6,936,254 | \$ | 12,563,883 | \$ | (3,613,327) | \$ | 8,950,55 |
| 47 | 1820 | Distribution Station Equipment < 50 kV | 124,226 | \$ | (124,226) | \$ |  | \$ |  | \$ |  | \$ |  | ${ }^{5}$ | 124,226 | \$ | (124,226) | \$ |  |
| 47 | 1825 | Storage Battery Equipment | \$ | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | ${ }^{5}$ |  | - |  | \$ |  |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ 7,224,298 | \$ | (2,504,062) | \$ | 4,720,236 | \$ | 31,526,866 | \$ | (14,720,334) | \$ | 16,806,532 | \$ | 38,751,164 | \$ | (17,224,396) | \$ | 21,526,768 |
| 47 | 1835 | Overhead Conductors \& Devices | ${ }^{\text {¢ }}$ 5,762,838 | \$ | (1,902,771) | \$ | 3,860,067 | S | 37,630,439 | \$ | (17,302,840) | \$ | 20,327,599 | \$ | 43,393,277 | \$ | (19,205,611) | \$ | 24,187,666 |
| 47 | 1840 | Underground Conduit | 605,550 | \$ | (272,054) | \$ | 333,496 | \$ | 27,728,747 | \$ | (13,324,663) | \$ | 14,404,084 | \$ | 28,334,297 | \$ | (13,596,717) | S | 14,737,580 |
| 47 | 1845 | Underground Conductors \& Devices | \$ 2,547,839 | \$ | (1,234,322) | \$ | 1,313,517 | \$ | 40,244,002 | \$ | (19,190,612) | \$ | 21,053,391 | \$ | 42,791, 841 | \$ | (20,424,933) | \$ | 22,366,908 |
| 47 | 1850 | Line Transtormers | \$ 5,497,859 | S | (2,292,166) | \$ | 3,205,693 | \$ | 46,238,994 | \$ | (22,915,044) | \$ | 23,323,951 | \$ | 51,736,853 | \$ | (25,207,209) | \$ | 26,529,643 |
| 47 | 1855 | Services (Overhead \& Underground) | 2,786,110 | \$ | (1,406,141) | \$ | 1,379,969 | \$ |  | \$ |  | \$ |  | \$ | 2,786,110 | \$ | (1,406,141) | \$ | 1,379,969 |
| 47 | 1860 | Meters | \$ 2,702,136 | \$ | (910,136) | \$ | 1,792,000 | \$ | 10,164,609 | \$ | (2,434,033) | \$ | $7,730,576$ | \$ | 12,866,744 | \$ | (3,344,169) | \$ | 9,522,576 |
| N/A | 1905 | Land | \$ 87,795 | \$ |  | \$ | 87,795 | \$ | 213,797 | \$ |  | \$ | 213,797 | ${ }^{5}$ | 301,592 |  |  | \$ | 301,592 |
| 47 | 1908 | Buildings \& Fixtures | \$ 522,774 | \$ | (125,816) | \$ | 396,958 | \$ | 5,575,328 | \$ | (3,688,406) | \$ | 1,886,922 | \$ | 6,098,101 | \$ | (3,814,222) | \$ | 2,283,880 |
| 13 | 1910 | Leasehold Improvements | \$ - | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 8 | 1915 | Office Furniture \& Equipment | \$ 186,657 | \$ | (125,170) | \$ | 61,487 | \$ | 772,182 | \$ | (527,747) | \$ | 244,435 | \$ | 958,839 |  | (652,917) | \$ | 305,922 |
| 45.1 | 1920 | Computer Equip.-Hardware | \$ 1,494,590 | \$ | (728,721) | \$ | 765,870 | \$ | 2,515,575 | \$ | (1,894,382) | \$ | 621,194 | \$ | 4,010,166 | S | (2,623,102) | S | 1,387,063 |
| 10 | 1930 | Transportation Equipment | \$ 1,200,283 | S | (659,868) | \$ | 540,415 | \$ | 4,361,423 | \$ | (2,715,516) | \$ | 1,645,907 | \$ | 5,561,706 | \$ | (3,375,385) | - | 2,186,321 |
| 8 | 1935 | Stores Equipment | \$ 3.729 | \$ | (2,955) | \$ |  | \$ | 93,729 | \$ | (93,729) | \$ |  | \$ | 97,458 | \$ | (96,684) | \$ |  |
| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ 547,913 | \$ | (239,578) | \$ | 308,335 | \$ | 1,151,630 | \$ | (734,420) |  | 417,211 | \$ | 1,699,543 | \$ | (973,998) | \$ | 725,545 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ 64,529 | \$ | (53,368) | \$ | 11,161 | \$ |  | \$ |  | \$ |  | \$ | 64,529 | \$ | (53,368) | \$ | 11,161 |
| 8 | 1950 | Power Operated Equipment | \$ 2,708 | \$ | (2,700) | \$ |  | \$ | . | \$ |  | S |  | ${ }^{5}$ | 2,708 | \$ | (2,700) | \$ |  |
| 8 | 1955 | Communication Equipment | \$ 40.580 | \$ | (40,068) | \$ |  | \$ |  | \$ |  | \$ |  | \$ | 40,580 | - | (40,068) | \$ |  |
| 8 | 1960 | Miscellaneous Equipment | \$ 300,309 | \$ | (67,113) | S | 233,196 | \$ |  | \$ |  | \$ |  | \$ | 300,309 | \$ | (67,113) | \$ | 233,196 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ . | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 47 | 975 | Load Management Controls Utility Premises | \$ | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 47 | 1980 | System Supervisor Equipment | \$ | \$ |  | \$ |  | \$ | 714,214 | \$ | (714,214) |  |  | \$ | 714,214 |  | (714,214) | \$ |  |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 47 | 1990 | Other Tangible Property | \$ | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  | \$ |  |
| 47 | 1995 | Contributions \& Grants | \$ (1,946,054) |  | 779,530 | \$ | (1,166,524) | \$ | (20,139,307) | \$ | 5,135,420 | \$ | (15,003,888) | S | (22,085,361) | \$ | 5,914,950 |  | (16,170,412) |
|  | 2005 | Property Under Finance Leases | \$ | \$ |  | \$ |  | \$ | 61,873 | \$ | (61,873) | \$ |  | \$ | 61,873 | \$ | (61,873) | \$ |  |
|  | 2010 | Electric Plant Purchased or Sold | \$ 41,000 |  | (14,332) | \$ | 26,668 | \$ | - | \$ | - | \$ |  | \$ | 41,000 | \$ | (14,332) | \$ | 26,668 |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | \$ - | \$ |  | \$ | - | \$ | . | \$ | - | \$ |  | \$ |  | \$ |  | \$ |  |
|  |  | Sub-Total | \$ 33,214,508 | s | (13,136,266) | s | 20,078,242 | s | 203,875,725 |  | (100,583,724) | s | 103,292,001 |  | 237,090,234 | \$ | (113,719,990) |  | 123,370,244 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Less Other Non Rate-Regulated Utility Assets (input as negative) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Total PP\&E | 33,214,508 | s | (13,136,266) | s | 20,078,242 | s | 203,875,725 | \$ | (100,583,724) | s | 103,292,001 |  | 237,090,234 | s | (113,719,990) |  | 123,370,244 |

Notes:
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.

2 The "CCA Class" for fixed assets should 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
The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the Board.
$4 \quad$ 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.
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 flings, the distributor shall reclassity such gains and
losses as depreciation expense, and disclose the amount separately.


Appendix 2-BA
Fixed Asset Continuity Schedule
Energy+ Consolidated (Former Cambridge and North Dumfries Hydro Inc. and Brant County Power Inc.)
Accounting Standard
Year $\quad \begin{gathered}\text { MIFRS } \\ 2014\end{gathered}$


Notes:
1 Tables in the format outined above covering all fixed asset accounts should be submitted for the Test Year, Sridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earier of: 1) all ,
2 The "CCA Class" for fixed assets should 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 mutiple
3 The table may need to be customized for a utilit's's asset categories or for any new asset accounts announced or authorized by the Board.
The additions in column (E) must not include construction work in progress (CWIP).
5 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.
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
depreciation expense, and disclose the amount separately.

Fixed Asset Continuity Schedule
Energy+ Consolidated (Former Cambridge and North Dumfries Hydro Inc. and Brant County Power Inc.)
Accounting Standard MIFRS

| $\begin{gathered} \text { CCA } \\ \text { Class }^{2} \\ \hline \end{gathered}$ | $\begin{gathered} \text { OEB } \\ \text { Account }^{3} \\ \hline \end{gathered}$ | Description ${ }^{3}$ | Cost |  |  |  | Accumulated Depreciation |  |  |  | $\begin{gathered} \text { Net Book } \\ \text { Value } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Opening | Additions ${ }^{4}$ | Disposals ${ }^{6}$ | Closing | Opening | Additions | Disposals ${ }^{6}$ | Closing |  |
|  |  |  |  | Additions | Disposals |  |  |  |  |  |  |
| 12 | 1611 | Computer Sotware (Formaly known as Account 1925) | 2.034,69, | \$ 1,362,426 | \$ . | 3,397,12 | \$ (613,532) | \$ (746,850) | \$ . | \$ (1,360,382) | \$ 2,036,740 |
| CEC | 1612 | Land Rights (Formally known as Account | \$ | \$ | \$ | $\pm$ | \$ | \$ | \$ | \$ | ${ }_{5}$ |
| N/A | 1805 | Land | 347.843 | \$ . | \$ | 347,843 | \$ . | \$ . | \$ | \$ . | 347,843 |
| 47 | 1808 | Buildings | 1,441,923 | 9,430 | \$ | 1,451,353 | (34,673) | (34,026) | \$ | (68,699) | 1,382,654 |
| 13 | 1810 | Leasehold Improvements | \$ - | \$ | \$ | \$ - | \$ - | \$ - | ¢ |  |  |
| 47 | 1815 | Transformer Station Equipment 750 kV | 8,950,555 | 385,942 | \$ | 9,336,497 | (421,725) | (426,041 | \$ | (847,767) | 8,488,731 |
| 47 | 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ - | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| 47 | 1825 | Storage Baterv Equipment | \$ | \$ |  |  | \$ | \$ | ${ }^{\text {\$ }}$ |  |  |
| 47 | 1830 | Poles, Towers \& Fixures | \$ 23,744,671 | \$ 3,614,591 | (373,498) | 26,985,763 | \$ (43,601) | (727,444) | 204,866 | (566,179) | \$ 26,419,584 |
| 47 | 1835 | Overread Conductors \& Devices | \$ 26,569,653 | \$ 2,801,781 | \$ | \$ 29,371, ,334 | \$ (400,260) | (773,213) | \$ | (1,173,473) | \$ 28,197,961 |
| 47 | 1840 | Underaround Conduit | \$ 15,298,983 | \$ 1,322,950 | \$ | ${ }^{\text {\$ }} 16.6 .621,933$ | (218,535) | $\left.{ }^{(237,82}\right)$ | \$ | (456, 356) | 16,165,577 |
| 47 | 1845 | Underground Conductors \& Devices | 23,568,030 | \$ 2,314,666 | \$ | \$ 25,882,696 | (527,283) | (602,47) | s | (1,129,754) | 24,752,942 |
| 47 | 1850 | Line Transformers | 27,787,745 | 2,460,360 | (860,274) | 29,387,831 | (101,845) | (805,42 | 721,624 | (185,64 | 29,202,18 |
| 47 | 1855 | Serices (Overhead \& Underground) | 1,439,942 | 71,241 | \$ | 1,511,183 | \$ (49,653) | (51,034) |  | (100,687) | \$ 1,410,497 |
| 47 | 1860 | Meters | \$ 9,596,187 | 242,967 | $(46,856)$ | 9,792,298 | \$ (786,931) | $(888,959)$ | 16,848 | (1,659,042) | \$ 8,133,256 |
| N/A | 1905 | Land | \$ 301,592 |  |  | 301,592 |  |  | ${ }^{\text {s }}$ |  | 301,59 |
| 47 | 1908 | Buildings \& Fixtures | 2.513,509 | 90,179 | \$ | 2,603,688 | \$ (184,100) | (178,174) | S | (362,275) | 2,241,413 |
| ${ }^{13}$ | 1910 | Leasehold Improvements | \$ | 24,525 | \$ | 24,525 | \$ - | (8,674) | \$ | (8,674) | 15,85 |
| 8 | 1915 | Office Furniture \& Equipment | 357.481 | 107,443 | ${ }^{\$}$ | 464,923 | (44,658) | (50,954) | \$ | (95,612) | 369,3 |
| 45.1 | 1920 | Computer Equio. Hardware | 1,324,165 | 227,887 |  | 1,538,120 | (524,338) | (468,079) | 13,932 | (978,485) | 559,6 |
| 10 | 1930 | Transporation Equipment | ${ }^{\text {s }}$ 2, $2,95,641$ | 596,194 | (521,587) | 2,870,248 | \$ (119,809) | $(417,100)$ | 521,587 | (15,323) | 2,854,925 |
|  | 1935 | Stores Equipment |  | 14,625 |  | 15,399 |  |  | ${ }^{\text {s }}$ | (1,505) |  |
| 8 | 1940 | Tools, Shop \& Garage Equipment | 780,674 | 66,211 | (343,008) | 503,877 | \$ (169,745) | (87, 348) | 161,985 | (95,108) | 408,769 |
| 8 | 1945 | Measurement \& Testing Equipment | 11,161 | \$ | ${ }^{\text {\$ }}$ | 11,161 | \$ (3,306) | (11,306) | ${ }_{5}$ | (14,613) | (3,45 |
| 8 | 1950 | Power Operated Equipment | 12,750 | \$ | \$ | 12,750 | \$ (1,672) | (2,946) | s | (4,618) | 8,132 |
| 8 | 1955 | Communications Equipment | 512 | \$ | \$ | 512 | (338) | (8,058) | ${ }_{5}$ | (8,396) | ${ }^{(7,884)}$ |
| 8 | 1960 | Miscellaneous Equipment | 107,425 | 179 | 197,293 | 304,897 | 21,146 | $(103,677)$ | \$ (142,963) | (225,494) | 79,40 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ . | \$ . | \$ . | \$ . | \$ . | \$ . | \$ . | \$ . | \$ . |
| 47 | 975 | Load Management Controls Utiliy Premises | \$ | \$ . | \$ | \$ | \$ | \$ | \$ | \$ |  |
| 47 | 1980 | System Supervisor Equipment | \$ | \$ | \$ | \$ | \$ | \$ | s | \$ | ¢ |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | \$ | \$ | \$ | \$ | \$ | s | \$ | \$ |
| ${ }^{47}$ | 1990 | Other Tangible Property | ${ }^{5}$ | \$ | \$ | \$ | \$ | ${ }^{5}$ | s | \$ |  |
| 47 | 1995 | Contributions \& Grants | \$ (16,170,412) |  |  | \$ (16,170,412) | \$ 483,917 | 508,037 |  | 991,954 | \$ (15,178,458) |
|  | 2005 | Property Under Finance Leases |  | \$ | \$ |  |  |  |  |  |  |
|  | 2010 | Electric Plant Purchased or Sold | ${ }^{26,668}$ | \$ | S | 26,668 | \$ (1,213) | (1,212) | \$ | (2,425) | 24,243 |
| 47 | 2440 | Deferred Revenue ${ }^{5}$ | (756,147) | \$ (4,496,481) | \$ | \$ (5,252,627) | 10,327 | 70,270 | \$ | 80,597 | (5,172,030) |
|  |  | Sub-Total | \$ 132,086,023 | \$11,217,114 | S (1,961,862) | \$ 141,341,275 | S ( $3,732,344$ ) | S (6,053,491) | S 1,497,879 | \$ (8,287,957) | \$133,053,318 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  | \$ . |  |  |  | ${ }_{\$}$. | \$ . |
|  |  | Less Other Non Rate-Regulated Utility Assets (input as negative) |  |  |  | \$ |  |  |  | \$ |  |
|  |  | Total PPRE | \$ 132,086,023 | \$ 11,217,114 | s (1,961,862) | \$ 141,341,275 | \$ (3,732,344) | s (6,053,491) | s 1,497,879 | $(8,287,957)$ | \$ 133,053,318 |
|  |  | Depreciation Expense adj. from gain or los Total | s on the retirem | of assets (p | ool of like asset | ts), if applicable ${ }^{\text {e }}$ |  | s (6,053,491) |  |  |  |


| Less: Fully Allocated Depreciation |  |  |
| :---: | :---: | :---: |
| Transportation | \$ | $(417,100)$ |
| Stores Equipment | \$ | (24,519) |
| Removal Costs | \$ | 457,428 |
| ccellaneous Adjus | \$ |  |
| Net Depreciation | \$ | .042,6 |

Notes:
1 Tables in the format outined above covering all fied asset accounts should be submited for the Test Year. Bridge Year and all relevant historical years. At a minimum , the applicant must provide data for the earier of

1) al historical years back to its last rebasing; or 2 ) at least three years of historical actuals, in addition to Bridge Year and Test $Y$ ear forecasts.
2 The "CCA Class" for fixed assets should 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
3 The table may need to be customized for a utilitys asset categories or for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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
6 The applicant must ensure that all asset disposals have been cleary 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 asset
losses as depreciation expense, and disclose the amount separately.

Appendix 2-BA
Fixed Asset Continuity Schedule


Notes:

2 The "CCA Class" for fixed assets should 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 mutiple CCA
The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the Board.
4 The additions in column (E) must not include construction work in progress (CWIP).
5 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
$6 \quad$ 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 tor the amount of gain or loss on the retirement of
depreciation expense, and disclose the amount separately.

Appendix 2-BA

## Fixed Asset Continuity Schedule



Notes
Tables in the format outined above covering all fixed asset accounts should be submited for the Test Year, Bridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earlier of: 1) al
The "CCA Class for fixed assets should agree with the CCA Class used for tax purposes in Tax Returs. 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 )
The table may need to be customized for a utilit's asset categories or for any new asset accounts announced or authorized by the Board.
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 Revenue
The applicant must ensure that all asset disposals have been cleary 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 of the amount of gain or loss on the retiriement of assets in a pool of ike assets as a charge or credit to income, tor reporting and rate application filings, the distributor shall reclassify such gains and losses as
depreciation expense, and disclose the amount separately.


Appendix 2-BA

## Fixed Asset Continuity Schedule

Accounting standard MIFRS

|  |  |  | cost |  |  |  | Accumulated Depreciation |  |  |  |  |  |  | Net BookValue |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|l\|l\|} \hline \text { CCA } \\ \text { Class }^{2} \end{array}$ |  | Description ${ }^{3}$ | Opening | Additions ${ }^{4}$ | Disposals ${ }^{6}$ | Closing | Opening Balance |  | Additions |  | Disposals ${ }^{6}$ |  | $\begin{aligned} & \text { Closing } \\ & \hline \end{aligned}$ |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | 5.681,714 | \$ 526.500 | \$ . | \$ 6,208,214 | \$ | (3.667,516) | \$ | (813,708) | \$ |  | \$ (4,481,224) | \$ 1.726,990 |
| CEC | 1612 | Land Rights (Formally known as Account | ¢ | \$ | \$ | s | 5 |  | \$ |  | \$ |  | + | $\pm$ |
| N/A | 1805 | Land | 347,843 | \$ | \$ | 347,843 | \$ |  | ${ }^{\text {¢ }}$ |  | \$ |  | ${ }_{\$}$ | 347,843 |
|  | 1808 | Buidings | 1,451,373 | \$ | \$ | 1,451,373 | \$ | (152,454) | ${ }^{\text {\$ }}$ | (32,798) | \$ |  | (185,252 | 1,266,121 |
| 13 | 1810 | Leasehold Improvements | \$ | \$ | \$ | \$ | \$ |  |  |  | \$ |  | \$ |  |
| 47 | 1815 | Transformer Station Equipment 250 kV | \$ 9,433,482 | 55,000 | \$ | 9,488,482 | \$ | (1,831,888) | \$ | (268,828) | \$ |  | (2,100,716) | 7,387,766 |
| 47 | 1820 | Distribution Station Equipment $\leqslant 50 \mathrm{kV}$ | s | ${ }^{\$}$ | ${ }^{\text {s }}$ | ${ }^{5}$ | 5 |  |  |  |  |  | \$ | \$ |
| 47 | 1825 | Storage Baterv Equipment | \$ | \$ | \$ | \$ | \$ |  | ¢ |  | S |  | ${ }^{\text {\$ }}$ - | \$ - |
| 47 | 1830 | Poles, Towers \& Fixtures | 35,251,241 | 2,407,644 | \$ $(250,000)$ | 37,408,885 | \$ | (2,062,760) | S | (884,662) | \$ | 000 | (2,772,422) | 34,636,463 |
| 47 | 1835 | Overhead Conductors \& Devices | 41,001,620 | 2,803,706 | \$ | 43,805,326 | 5 | (4,045,475) | \$ | (1,148,256) | \$ |  | (5,193,731) | 38,611,595 |
| 47 | 1840 | Underground Conduit | 21,708,415 | \$ 1,452,741 | \$ | \$ 23,161,156 | \$ | $(1,277,442)$ | \$ | (315,267) | \$ |  | (1,592,709) | 21,568,447 |
| 47 | 1845 | Underaround Conductors \& Devices | \$ 32,980,192 | \$ 2,047,840 | \$ | \$ 35,028,032 | \$ | $(3,239,861)$ | \$ | (807,234) | \$ |  | \$ ( $4,047,095$ ) | \$ 30,980,937 |
| 47 | 1850 | Line Transtormers | \$ 34,441,448 | \$ 2,025,885 | (450,000) | 36,017,333 | \$ | (1,468,875) | \$ | (985,261) | \$ | 315,000 | (2,139,135) | \$ 33,878,198 |
| 47 | 1855 | Services (Overhead \& Underground) | ¢ 1.,511,183 | \$ | \$ | 1,511,183 | \$ | (193,653) | \$ | (42,514) | \$ |  | (236,167) | 1,275,017 |
| 47 | 1860 | Meters | \$ 10,988,474 | 751,092 | (1,730,782) | 10,008,784 | S | (4,066,635) | \$ | (895,267) | \$ | 1,537,309 | (3,424,593) | 6,584,192 |
| N/A | 1905 | Land | 213,628 | \$ | \$ | 213,628 | \$ |  | \$ |  |  |  | ${ }^{\text {¢ }}$ | 2136 |
| 47 | 1908 | Buildings \& Fixtures | 2,211,803 | 4,400,000 | \$ | 6,611,803 | \$ | (621,019) |  | (183,563) |  |  | (804,582) | 5,807,22 |
| 13 | 1910 | Leasehold Improvements | 24.525 | \$ | \$ | 24,525 | s | (24,525) | \$ |  | s |  | (24,525) |  |
| 8 | 1915 | Office Furniture \& Equipment | \$ 554,950 | \$ 3.600 | \$ | 558,550 | S | (272,001) | \$ | (57,274) | \$ |  | ${ }^{\text {s }}$ ( 329,275 ) | 229,274 |
| ${ }_{4}^{45.1}$ | 1920 1930 | Computer Equii.-Hardware | \$ $2,248,228$ | 240,700 105000 | \$ | 2,488,928 | S | $\frac{(1,950,109)}{(1168361)}$ | \$ | (257,215) | ${ }^{\text {¢ }}$ |  | ${ }^{(2,207,244)}$ | 281.604 |
| $\frac{10}{8}$ | 1930 1935 | Transporataion Equipment | \$ 3,668,292 | 105,000 | \$ | 3,733,292 | ${ }_{5}$ | (1,168,361) | \$ | (462,769) | ${ }_{\text {S }}$ |  | (1,631,130) | 2,102,162 |
| 8 | 1950 | Tools, Shop \& Garage Equipment | \$ 859,704 | 66,700 | \$ | 926,404 | 5 | (401, 185 ) | \$ | (96,433) | ${ }^{\text {s }}$ |  | ${ }_{(497,618)}^{(6,894}$ | 8, 8.7805 |
| $\bigcirc$ | 1945 | Measurement \& Testing Equipment | 11.161 | \$ | \$ | ${ }^{11,161}$ | \$ | (11,059) | \$ |  | \$ |  | (11,05) | \$ 102 |
| 8 | 1950 | Power Operated Equipment | 12,750 |  | \$ | 12,750 | s | (11,936) | \$ |  | \$ |  | (11,931 | \$ 814 |
| 8 | 1955 |  | 512 | \$ | \$ |  | ${ }^{\text {s }}$ |  | \$ |  | \$ |  | \$ (512) | \$ |
| 8 | 1960 | Miscellaneous Equipment | 304897 | \$ | \$ | 304,897 | s | (300,563) | \$ | (501) | \$ |  | (301,064) | 3,833 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ . | $\$$. | \$ . | \$ . | \$ |  | \$ |  | \$ |  | \$ . | \$ . |
| 47 | 1975 | Load Management Controls Utiliy Premises | \$ . | \$ . | \$ . |  | \$ |  |  |  |  |  |  |  |
| 47 | 1980 | System Superisor Equipment | \$ | \$ | \$ | \$ | S |  | \$ |  | \$ |  | \$ | \$ |
| 47 | 1985 | Miscellaneous Fixed Assets | \$ | \$ | \$ |  | \$ |  | \$ |  | \$ |  |  | \$ |
| $\frac{47}{47}$ | 1990 <br> 1995 | Other Tangibie Property | ${ }_{\text {¢ }}^{\text {s }}$ (16106934 | ${ }_{\$}{ }^{\text {\$ }}$ | \$ | \$ (16106934) | ${ }_{5}^{5}$ |  | \$ |  | ${ }_{5}$ |  | ${ }_{\$}^{\$}$ 2656.417 | ${ }_{\text {\$ }}$ (13,450.517) |
| 47 | $\underline{1995}$ | Contributions \& Grants | ${ }_{\text {¢ }}$ ( $16,106,934$ | ${ }_{\text {\$ }}$ \$ | \$ | \$ (16,106,934) | \$ | 2,220,908 | ${ }^{\text {\$ }}$ | 435,50 | ${ }^{\text {\$ }}$ |  | 2,656,417 | 450,517 |
|  | 2005 | Property Under F Finance Leases | \$ . | \$ | \$ | \$ | \$ |  | S |  | \$ |  | ${ }^{\text {\$ }}$ | \$ |
|  | 2010 | Electric Plant Purchased or Sold | \$ | \$ | \$ | \$ | \$ |  | \$ |  | \$ |  | \$ | \$ |
| ${ }^{47}$ | 2440 | Deferred Revenue ${ }^{5}$ | \$ (11,394,072) | \$ $(817,000)$ | \$ | \$ (12,211,072) | \$ | 619,711 | \$ | 234,498 | \$ |  | 854,209 | \$ $(11,356,863)$ |
|  |  | Sub-Total | S 177,381,829 | \$16,069,408 | s ( $2,430,782)$ | S 191,020,455 | s | (23,932,640) | s | $(6,583,006)$ | s | 2,027,309 | S (28,488,337) | \$162,532,117 |
|  |  | Less Socialized Renewable Energy <br> Generation Investments (input as negative) |  |  |  | \$ |  |  |  |  |  |  | \$ | \$ |
|  |  | Less Other Non Rate-Regulated Utility |  |  |  |  |  |  |  |  |  |  | \$ | \$ |
|  |  | Total PPRE | S 177,381,829 | \$16,069,408 | \$ ( $2,430,782)$ | S 191,020,455 | s | (23,932,640) | s | (6,583,006) | s | 2,027,309 | S (28,488,337) | \$ 162,532,117 |
|  |  | Depreciation Expense adj. from gain or lo Total | s on the retirem | nt of assets (po | ool of like assets) | , if applicable ${ }^{6}$ |  |  |  | $(6,583,006)$ |  |  |  |  |



| Less: Fulla Alfor | \$ | (462,769) |
| :---: | :---: | :---: |
| Stores Equipment | \$ |  |
| moval Costs | \$ |  |
| in Other Reven | \$ | 234,498 |

Notes.
1 Tables in the format outined above covering all fixed asset accounts should be submited for the Test Year, Bridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earier of: 1) all historical years Tck to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.
2 The "CCA Class" for fixed assets should 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 ).
The table may need to be customized for a utility's asset categories of for any new asset accounts announced or authorized by the Board.
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 Revenue
6 The applicant must ensure that al 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 disclose the amount separately reitiement of assets in a pool of like asseits as a charge or credit to income, for reporting and rate application flings, the distributor shail reclassify such ganins and losses as depreciation expense, and

Appendix 2-AB
Table 2 - Capital Expenditure Summary from Chapter 5 Consolidated
Distribution System Plan Filing Requirements
Consolidated Former CND and BCP (2014-2015) and Energy+ Inc. (2016-2023)

## First year of Forecast Period: 2019



## Notes to the Tab

1. Historical "previous plan" data is not required unless a plan has previously been filed. However, use the last Board-approved, at least on a Total (Capital) Expenditure basis for the last cost of service rebasing year, and the applicant should include their planned budget in 1. Historical "previous plan" data is not required unless a plan has pre
2. Indicate the number of months of 'actual' data included in the last year of the Historical Period (normally a 'bridge' year): $\square$
Explanatory Notes on Variances (complete only if applicable)
Notes on shifts in forecast vs. historical budgets by category
Please refer to Exhibit 2

Notes on year over year Plan vs. Actual variances for Total Expenditure
Please refer to Exhibit 2 .

Notes on Plan vs. Actual variance trends for individual expenditure categorie
Please refer to Exhibit 2

## 



|  | ${ }_{2014}$ | ${ }^{2015}$ | 20.6 | 2017 |  | ${ }^{20199}$ eest |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | comp | weres | weres | wlefs | Miters | ${ }_{\text {mints }}$ |
| 隹 | ${ }^{2} 1009050$ | ${ }_{\text {S19232 }}$ | ${ }^{1.145989}$ | ${ }^{751000}$ | ${ }^{1.1093500}$ | ${ }_{\text {1，} 1,985}$ |
| d |  |  |  |  |  |  |
|  | ， |  | ${ }^{12789}$ | ${ }^{1065}$ |  |  |
|  |  |  |  |  |  | ${ }^{421020}$ |
|  |  |  |  |  | （195000 |  |
| 何 |  |  |  |  | 300000 | ${ }^{3225050}$ |
|  |  |  |  |  | ${ }^{201}$ | ${ }^{277200}$ |
|  |  |  |  |  |  |  |
| 隹 |  |  |  |  |  |  |
|  |  | ${ }^{2010748}$ | ${ }_{\text {1350em }}^{138}$ | ${ }_{155000}$ | ${ }_{139}$ | ${ }_{\text {L }}^{165000}$ |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Poles |  |  |  |  |  |  |
|  |  |  | 5076 | 6，5500 | 70 |  |
|  |  |  |  |  |  |  |
| Relocations－Shamtz Hil Road（Recion of Waterbol Relocations－South Boundary Road（SBR）－Water St．S／SBR，Cheese Factory Rd／SBR |  |  | 44825 |  | 67880 |  |
|  |  |  |  |  |  |  |
| $\begin{aligned} & \text { Relocaints - Swan St Noctrumbersind St (Region of Wateriog) } \\ & \text { Double Circuit Existing } 27.6 \mathrm{kV} \text { Line - Fountain St (Shantz Hil to Dickie Setfement Road) } \\ & -2.8 \mathrm{~km} \end{aligned}$ |  | ${ }^{30} 37$ | 206594 |  |  |  |
| ${ }_{\text {cosem }}$ |  |  | ${ }^{2 a t}$ |  |  |  |
|  |  |  |  |  |  |  |
| 隹 | ${ }^{2771}$ |  |  |  |  |  |
|  |  |  | ${ }_{8}^{780}$ |  |  |  |
|  |  |  |  |  |  |  |
|  | sane |  |  |  |  |  |
| Rest Accres Bethel Rd，to MStys <br> Relacations．Shelfield St． |  | 1351 |  |  |  |  |
|  | $\underline{5603}$ | － |  |  | a |  |
|  |  |  |  |  |  |  |
| System Renewall Rehuld exisling 16kV underground primary－Farest Drive，Columbine Crescert， Magnolia Drive，Larkspur Lane，Aheles Averue，Clover Court（Paris）－approx 200 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | ， 1224 | ${ }_{733}$ | 85000 |
|  |  |  |  |  |  |  |
|  | 6.992 | 5\％00 | ${ }^{6} 26$ | ${ }_{1380842}$ |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 隹 | ${ }^{4672}$ | 306 | 693 |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  | 0 |
|  |  |  |  |  | 3232 |  |
|  |  |  |  |  |  |  |
| Cindv Avenue（1977）－ 52 customers（Dresentlv 276 KV ）Bramt UG Rebuid existing 4. BKV primary－Isabel Dr．and August Ave．Apprax． 50customers（1976）． 0.7 KM |  |  |  |  | ${ }^{291}$ |  |
|  |  |  |  |  |  | 275 500 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | $2{ }^{2} 6$ | ， | ， 16 | 24470 |  | 200 |
| Rebuild and Convert Overfead Line from 4.8 kV to 18 kV －Robinson Road from Mill <br> Street to 0.7 km West of Mill Street \＆Convert TXs on Bishopsgate Rd（11 Poles <br> Removed）－ 0.7 km －Brart：Area <br> Porcelain SMO 20 Replamer |  |  |  |  | 120020 |  |
|  |  | 202 | ${ }_{\text {chen }}$ | ， |  |  |
|  |  |  | ${ }^{36970}$ |  |  |  |
|  |  |  |  | 21122 |  |  |
| 隹 |  |  |  | 208720 |  |  |
|  |  |  |  | 689230 |  |  |
|  |  |  |  | 61462 |  |  |
|  |  |  |  |  |  |  |
| 隹 |  |  |  | 257900 |  |  |
|  |  |  |  | 2055100 |  |  |
|  |  |  |  | 170750 |  |  |
|  |  |  |  | $\frac{143500}{174.400}$ |  |  |
|  |  |  |  | 12000 |  |  |
| Comele |  |  |  |  |  |  |
|  |  | 569 | ， |  |  |  |
|  |  |  | serzas |  |  |  |
|  |  |  |  |  |  |  |
| Semen |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | 28019 |  |  |  |  |
|  |  | ${ }^{20011}$ | （intes |  |  |  |
|  | ${ }_{18003}$ |  | ${ }_{1626}$ |  |  |  |
|  |  |  |  |  |  |  |
| Northview Acres Area Underaround Rebuild <br> Muncipal Station \＃4 Removal；Corvert Burich Rd．between Mount Pleasarnt and |  | ${ }^{\text {arama }}$ | ${ }^{198}$ |  |  |  |
|  |  | $\frac{2029}{1920}$ |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | ${ }^{\frac{15}{6949} 5}$ |  |  |  |  |
| Statessenter |  | ${ }_{\text {cose }}$ | ${ }_{8,193}$ |  | Satar |  |
|  | ${ }_{228456}$ |  |  | n000 | $\xrightarrow{\frac{2000}{1320}}$ | $\frac{2000}{2000}$ |
|  |  |  | ${ }^{184488}$ |  |  |  |
|  |  |  |  |  | ${ }_{\substack{1000}}^{2600}$ |  |
|  |  | ${ }_{12214}$ |  |  |  |  |
|  | ${ }^{298983}$ |  | ${ }^{14916}$ | $\xrightarrow{141009}$ | ${ }^{18391}$ | $\frac{65000}{20000000}$ |
|  |  |  |  |  |  | \％ |
|  | 29557 | 10995 | ${ }^{257595}$ | 18330 | 209222 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | ${ }^{102683}$ | 449328 | 63950 |  |  | ${ }^{100000}$ |
|  |  | soea |  |  | $\xrightarrow{13900}$ |  |
|  | $\underbrace{\text { 693723 }}$ |  |  | ${ }_{398989}$ |  | ${ }^{4265000}$ |
|  |  |  | $\xrightarrow{\frac{1053}{1035}}$ |  |  |  |
|  |  |  |  |  |  |  |
|  | $\frac{197129}{21524}$ |  | ${ }^{\text {H14．50 }}$ | ${ }^{10298}$ | 160 | ${ }^{240,7}$ |
|  |  |  | 1598 |  |  |  |
|  | ${ }^{652927}$ | 299400 |  |  |  |  |
|  |  |  |  | ${ }_{\substack{19 \\ 192}}^{\text {a }}$ | $\xrightarrow[\substack{\text { Lood } \\ \text { ios }}]{ }$ | $\frac{180600}{6,500}$ |
|  | ${ }_{\text {and }}^{3}$ | $\frac{24729}{248385}$ | $\xrightarrow{264898}$ | ${ }^{\frac{1}{2050532}}$ |  | ${ }^{532925}$ |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | 1，76096 | ${ }^{\text {I2，}}$ | 16.12302 | 16.592818 | ${ }_{15653.2}$ | $168 \mathrm{EC6}$ |
|  |  |  |  |  |  |  |

$\qquad$

| File Number: | EB-2018-0028 |
| :--- | ---: |
| Exhibit: | 1 |
| Tab: |  |
| Schedule: |  |
| Page: |  |
| Date: | 27-Apr-18 |

Appendix 2-G
Service Reliability and Quality Indicators
2013-2017

Service Reliability

| Index | Including outages caused by loss of supply |  |  |  |  | Excluding outages caused by loss of supply |  |  |  |  | Excluding Major Event Days |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2013 | 2014 | 2015 | 2016 | 2017 | 2013 | 2014 | 2015 | 2016 | 2017 | 2013 | 2014 | 2015 | 2016 | 2017 |
| SAIDI | 3.660 | 0.690 | 1.180 | 1.930 | 1.569 | 2.670 | 0.640 | 1.080 | 1.840 | 1.525 | 0.750 | 0.640 | 1.080 | 0.630 | 1.525 |
| SAIFI | 3.410 | 1.450 | 1.440 | 2.020 | 2.429 | 2.360 | 1.330 | 1.360 | 1.980 | 2.175 | 1.010 | 1.330 | 1.360 | 1.270 | 2.175 |



SAIDI $=$ System Average Interruption Duration Index
SAIFI = System Average Interruption Frequency Index

## Service Quality

| Indicator | OEB Minimum <br> Standard | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Low Voltage Connections | $90.0 \%$ | $99.3 \%$ | $\mathbf{1 0 0 . 0 \%}$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| High Voltage Connections | $90.0 \%$ | $0.0 \%$ | NA | NA | NA | NA |
| Telephone Accessibility | $65.0 \%$ | $87.3 \%$ | $83.0 \%$ | $82.5 \%$ | $71.5 \%$ | $80.1 \%$ |
| Appointments Met | $90.0 \%$ | $99.5 \%$ | $100.0 \%$ | $91.7 \%$ | $100.0 \%$ | $97.4 \%$ |
| Written Response to Enquires | $80.0 \%$ | $100.0 \%$ | $99.8 \%$ | $99.8 \%$ | $99.7 \%$ | $99.9 \%$ |
| Emergency Urban Response | $80.0 \%$ | $100.0 \%$ | $96.2 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| Emergency Rural Response | $80.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| Telephone Call Abandon Rate | $10.0 \%$ | $3.6 \%$ | $4.5 \%$ | $4.1 \%$ | $5.0 \%$ | $3.4 \%$ |
| Appointment Scheduling | $90.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $97.0 \%$ | $99.8 \%$ |
| Rescheduling a Missed Appointment | $100.0 \%$ | $0.0 \%$ | NA | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| Reconnection Performance Standard | $85.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |

## Notes:

2013-2015 Metrics are represented by the former Cambridge and North Dumfries Hydro Inc.
2016 and onwards represents Energy+ Inc.

## Appendix 2-BB

## Service Life Comparison

## Table F-1 from Kinetrics Report ${ }^{1}$

|  |  | Asset Details |  |  | Useful Life |  |  | USoA <br> Account Number | USoA Account Description | Current |  | Proposed |  | Outside Range of Min, Max TUL? |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Parent* | \# | Categoryl Component \| Type |  |  | MIN UL | TUL | MAX UL |  |  | Years | Rate | Years | Rate | Below Min TUL | Above Max TUL |
| OH | 1 | Fully Dressed Wood Poles | Overall |  | 35 | 45 | 75 | 1830 | Poles, Towers and Fixtures | 50 | 2\% | 50 | 2\% | No | No |
|  |  |  | Cross Arm | Wood | 20 | 40 | 55 |  |  |  |  |  |  |  |  |
|  |  |  |  | Steel | 30 | 70 | 95 |  |  |  |  |  |  |  |  |
|  | 2 | Fully Dressed Concrete Poles | Overall |  | 50 | 60 | 80 | 1830 | Poles, Towers and Fixtures | 35 | 3\% | 35 | 3\% | Yes | No |
|  |  |  | Cross Arm | Wood | 20 | 40 | 55 |  |  |  |  |  |  |  |  |
|  |  |  |  | Steel | 30 | 70 | 95 |  |  |  |  |  |  |  |  |
|  | 3 | Fully Dressed Steel Poles | Overall |  | 60 | 60 | 80 |  |  |  |  |  |  |  |  |
|  |  |  | Cross Arm | Wood | 20 | 40 | 55 |  |  |  |  |  |  |  |  |
|  |  |  |  | Steel | 30 | 70 | 95 |  |  |  |  |  |  |  |  |
|  | 4 | OH Line Switch |  |  | 30 | 45 | 55 | 1835 | Overhead Conductors and Devices | 30 | 3\% | 30 | 3\% | No | No |
|  | 5 | OH Line Switch Motor |  |  | 15 | 25 | 25 | 1835 | Overhead Conductors and Devices | 20 | 5\% | 20 | 5\% | No | No |
|  | 6 | OH Line Switch RTU |  |  | 15 | 20 | 20 | 1835 | Overhead Conductors and Devices | 15 | 7\% | 15 | 7\% | No | No |
|  | 7 | OH Integral Switches |  |  | 35 | 45 | 60 |  |  |  |  |  |  |  |  |
|  | 8 | OH Conductors |  |  | 50 | 60 | 75 | 1835 | Overhead Conductors and Devices | 50 | 2\% | 50 | 2\% | No | No |
|  | 9 | OH Transformers \& Voltage Regulators |  |  | 30 | 40 | 60 | 1835 | Overhead Conductors and Devices | 20 | 5\% | 20 | 5\% | Yes | No |
|  | 10 | OH Shunt Capacitor Banks |  |  | 25 | 30 | 40 | 1850 | Line Transformers | 25 | 4\% | 25 | 4\% | No | No |
|  | 11 | Reclosers |  |  | 25 | 40 | 55 | 1835 | Overhead Conductors and Devices | 50 | 2\% | 50 | 2\% | No | No |
| TS \& MS | 12 | Power Transformers | Overall |  | 30 | 45 | 60 | 1815 | TS Equipment | 55 | 2\% | 55 | 2\% | No | No |
|  |  |  |  |  | 10 | 20 | 30 |  |  | 30 | 3\% | 30 | 3\% | No | No |
|  |  |  | $\begin{array}{\|l} \hline \text { Bushing } \\ \hline \text { Tap Changer } \\ \hline \end{array}$ |  | 20 | 30 | 60 |  |  | 30 | 3\% | 30 | 3\% | No | No |
|  | 13 | Station Service Transformer |  |  | 30 | 45 | 55 | 1850 | Line Transformers | 50 | 2\% | 50 | 2\% | No | No |
|  | 14 | Station Grounding Transformer |  |  | 30 | 40 | 40 |  |  |  |  |  |  |  |  |
|  | 15 | Station DC System | Overall <br> Battery Bank |  | 10 | 20 | 30 | 1815 | TS Equipment | 30 | 3\% | 30 | 3\% | No | No |
|  |  |  |  |  | 10 | 15 | 15 | 1815 | TS Equipment | 15 | 7\% | 15 | 7\% | No | No |
|  |  |  | Charger |  | 20 | 20 | 30 | 1815 | TS Equipment | 20 | 5\% | 20 | 5\% | No | No |
|  | 16 | Station Metal Clad Switchgear | Overall |  | 30 | 40 | 60 | 1815 | TS Equipment | 60 | 2\% | 60 | 2\% | No | No |
|  |  |  | Removable Breaker |  | 25 | 40 | 60 | 1815 | TS Equipment | 40 | 3\% | 40 | 3\% | No | No |
|  | 17 | Station Independent Breakers |  |  | 35 | 45 | 65 |  |  |  |  |  |  |  |  |
|  | 18 | Station Switch |  |  | 30 | 50 | 60 | 1815 | TS Equipment | 30 | 3\% | 30 | 3\% | No | No |
|  | 19 | Electromechanical Relays |  |  | 25 | 35 | 50 |  |  |  |  |  |  |  |  |
|  | 20 | Solid State Relays |  |  | 10 | 30 | 45 |  |  |  |  |  |  |  |  |
|  | 21 | Digital \& Numeric Relays |  |  | 15 | 20 | 20 | 1815 | TS Equipment | 15 | 7\% | 15 | 7\% | No | No |
|  | 22 | Rigid Busbars |  |  | 30 | 55 | 60 | 1815 | TS Equipment | 55 | 2\% | 55 | 2\% | No | No |
|  | 23 | Steel Structure |  |  | 35 | 50 | 90 | 1815 | TS Equipment | 80 | 1\% | 80 | 1\% | No | No |
|  | 24 | Primary Paper Insulated Lead Covered (PILC) Cables |  |  | 60 | 65 | 75 |  |  |  |  |  |  |  |  |


| UG | 25 | Primary Ethylene-Propylene Rubber (EPR) Cables |  | 20 | 25 | 25 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 26 | Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried |  | 20 | 25 | 30 |  |  |  |  |  |  |  |  |
|  | 27 | Primary Non-TR XLPE Cables in Duct |  | 20 | 25 | 30 |  |  |  |  |  |  |  |  |
|  | 28 | Primary TR XLPE Cables Direct Buried |  | 25 | 30 | 35 | 1845 | UG Conductors and Devices | 35 | 3\% | 35 | 3\% | No | No |
|  | 29 | Primary TR XLPE Cables in Duct |  | 35 | 40 | 55 | 1845 | UG Conductors and Devices | 50 | 2\% | 50 | 2\% | No | No |
|  | 30 | Secondary PILC Cables |  | 70 | 75 | 80 |  |  |  |  |  |  |  |  |
|  | 31 | Secondary Cables Direct Buried |  | 25 | 35 | 40 | 1845 | UG Conductors and Devices | 60 | 2\% | 60 | 2\% | No | Yes |
|  | 32 | Secondary Cables in Duct |  | 35 | 40 | 60 | 1845 | UG Conductors and Devices | 60 | 2\% | 60 | 2\% | No | No |
|  | 33 | Network Tranformers | Overall | 20 | 35 | 50 |  |  |  |  |  |  |  |  |
|  |  |  | Protector | 20 | 35 | 40 |  |  |  |  |  |  |  |  |
|  | 34 | Pad-Mounted Transformers |  | 25 | 40 | 45 | 1850 | Line Transformers | 50 | 2\% | 50 | 2\% | No | Yes |
|  | 35 | Submersible/Vault Transformers |  | 25 | 35 | 45 | 1850 | Line Transformers | 25 | 4\% | 25 | 4\% | No | No |
|  | 36 | UG Foundation |  | 35 | 55 | 70 | 1840 | UG Conduit | 60 | 2\% | 60 | 2\% | No | No |
|  | 37 | UG Vaults | Overall | 40 | 60 | 80 | 1840 | UG Conduit | 60 | 2\% | 60 | 2\% | No | No |
|  |  |  | Roof | 20 | 30 | 45 | 1850 | Line Transformers | 40 | 3\% | 40 | 3\% | No | No |
|  | 38 | UG Vault Switches |  | 20 | 35 | 50 | 1845 | UG Conductors and Devices | 30 | 3\% | 30 | 3\% | No | No |
|  | 39 | Pad-Mounted Switchgear |  | 20 | 30 | 45 | 1845 | UG Conductors and Devices | 30 | 3\% | 30 | 3\% | No | No |
|  | 40 | Ducts |  | 30 | 50 | 85 | 1840 | UG Conduit | 75 | 1\% | 75 | 1\% | No | No |
|  | 41 | Concrete Encased Duct Banks |  | 35 | 55 | 80 | 1840 | UG Conduit | 80 | 1\% | 80 | 1\% | No | No |
|  | 42 | Cable Chambers |  | 50 | 60 | 80 | 1840 | UG Conduit | 60 | 2\% | 60 | 2\% | No | No |
| S | 43 | Remote SCADA |  | 15 | 20 | 30 | 1980 | System Supervisory Equipment | 15 | 7\% | 15 | 7\% | No | No |

Table F-2 from Kinetrics Report ${ }^{1}$

|  | Asset Details |  | Useful Life Range |  | USoA Account Number | 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 Furniture and Equipment | 10 | 10\% | 10 | 10\% | No | No |
| 2 | Vehicles | Trucks \& Buckets | 5 | 15 | 1930 | Transportation Equipment | 12 | 8\% | 12 | 8\% | No | No |
|  |  | Trailers | 5 | 20 | 1930 | Transportation Equipment | 20 | 5\% | 20 | 5\% | No | No |
|  |  | Vans | 5 | 10 | 1930 | Transportation Equipment | 8 | 13\% | 8 | 13\% | No | No |
| 3 | Administrative Buildings - New |  | 50 | 75 | 1908 | Buildings and Fixtures | 60 | 2\% | 60 | 2\% | No | No |
| 4 | Administrative Buildings - Old |  | 50 | 75 | 1908 | Buildings and Fixtures | 80 | 1\% | 80 | 1\% | No | Yes |
| 5 | Leasehold Improvements |  | Lease dependent |  |  |  |  |  |  |  |  |  |
| 6 | Station Buildings | Station Buildings | 50 | 75 | 1908 | Buildings and Fixtures | 80 | 1\% | 80 | 1\% | No | Yes |
|  |  | Parking | 25 | 30 | 1908 | Buildings and Fixtures | 25 | 4\% | 25 | 4\% | No | No |
|  |  | Fence | 25 | 60 | 1908 | Buildings and Fixtures | 35 | 3\% | 35 | 3\% | No | No |
|  |  | Roof | 20 | 30 | 1908 | Buildings and Fixtures | 20 | 5\% | 20 | 5\% | No | No |
| 7 | Computer Equipment | Hardware | 3 | 5 | 1920 | Computer Hardware | 3 | 33\% | 3 | 33\% | No | No |
|  |  | Software | 2 | 5 | 1925 | Computer Software | 5 | 20\% | 5 | 20\% | No | No |
| 8 | Equipment | Power Operated | 5 | 10 | 1940 | Tools, Shop and Garage Equipment | 10 | 10\% | 10 | 10\% | No | No |
|  |  | Stores | 5 | 10 | 1940 | Tools, Shop and Garage Equipment | 10 | 10\% | 10 | 10\% | No | No |
|  |  | Tools, Shop, Garage Equipment | 5 | 10 | 1940 | Tools, Shop and Garage Equipment | 10 | 10\% | 10 | 10\% | No | No |
|  |  | Measurement \& Testing Equipment | 5 | 10 |  |  |  |  |  |  |  |  |
| 9 | Communication | Towers | 60 | 70 |  |  |  |  |  |  |  |  |
|  |  | Wireless | 2 | 10 |  |  |  |  |  |  |  |  |
| 10 | Residential Energy Meters |  | 25 | 35 | 1860 | Meters | 25 | 4\% | 25 | 4\% | No | No |
| 11 | Industrial/Commercial Energy Meters |  | 25 | 35 | 1860 | Meters | 25 | 4\% | 25 | 4\% | No | No |
| 12 | Wholesale Energy Meters |  | 15 | 30 | 1860 | Meters | 20 | 5\% | 20 | 5\% | No | No |
| 13 | Current \& Potential Transformer (CT \& PT) |  | 35 | 50 | 1860 | Meters | 45 | 2\% | 45 | 2\% | No | No |


'TS \& MS = Transformer and Municipal Stations UG = Underground Systems S = Monitoring and Control Systems
Note 1: Tables F-1 and F-2 above are to be used as a reference in order to complete columns J, K, L and N. See pages 17-19 of Kinetrics Report

## Appendix 2-BB

## Service Life Comparison

## Table F-1 from Kinetrics Report ${ }^{1}$

Energy+ (Former Brant County Power Inc.)

|  |  | Asset Details |  |  | Useful Life |  |  | USoA Account Number | USoA Account Description | Prior to 2013 |  | $\begin{aligned} & \hline \text { Up to Dec. 31, } \\ & 2015 \end{aligned}$ |  | Outside Range of Min, Max TUL? |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Parent* | \# | Categoryl Component \| Type |  |  | MIN UL | TUL | MAX UL |  |  | Years | Rate | Years | Rate | Below Min TUL | Above Max TUL |
| OH | 1 | Fully Dressed Wood Poles | Overall |  | 35 | 45 | 75 | 1830 | Poles, Towers and Fixtures | 25 | 4\% | 35 | 3\% | No | No |
|  |  |  |  | Wood | 20 | 40 | 55 |  |  |  |  |  |  |  |  |
|  |  |  | Cross Arm | Steel | 30 | 70 | 95 |  |  |  |  |  |  |  |  |
|  | 2 | Fully Dressed Concrete Poles | Overall |  | 50 | 60 | 80 |  |  |  |  |  |  |  |  |
|  |  |  | Cross Arm | Wood | 20 | 40 | 55 |  |  |  |  |  |  |  |  |
|  |  |  |  | Steel | 30 | 70 | 95 |  |  |  |  |  |  |  |  |
|  | 3 | Fully Dressed Steel Poles | Overall |  | 60 | 60 | 80 |  |  |  |  |  |  |  |  |
|  |  |  |  | Wood | 20 | 40 | 55 |  |  |  |  |  |  |  |  |
|  |  |  | Cross Arm | Steel | 30 | 70 | 95 |  |  |  |  |  |  |  |  |
|  | 4 | OH Line Switch |  |  | 30 | 45 | 55 |  |  |  |  |  |  |  |  |
|  | 5 | OH Line Switch Motor |  |  | 15 | 25 | 25 |  |  |  |  |  |  |  |  |
|  | 6 | OH Line Switch RTU |  |  | 15 | 20 | 20 |  |  |  |  |  |  |  |  |
|  | 7 | OH Integral Switches |  |  | 35 | 45 | 60 |  |  |  |  |  |  |  |  |
|  | 8 | OH Conductors |  |  | 50 | 60 | 75 | 1835 | Overhead Conductors and Devices | 25 | 4\% | 55 | 2\% | No | No |
|  | 9 | OH Transformers \& Voltage Regulators |  |  | 30 | 40 | 60 |  |  |  |  |  |  |  |  |
|  | 10 | OH Shunt Capacitor Banks |  |  | 25 | 30 | 40 |  |  |  |  |  |  |  |  |
|  | 11 | Reclosers |  |  | 25 | 40 | 55 |  |  |  |  |  |  |  |  |
| TS \& MS | 12 | Power Transformers | Overall |  | 30 | 45 | 60 | 1850 | Distribution Transformers | 25 | 4\% | 40 | 3\% | No | No |
|  |  |  | Bushing |  | 10 | 20 | 30 |  |  |  |  |  |  |  |  |
|  |  |  | Tap Changer |  | 20 | 30 | 60 |  |  |  |  |  |  |  |  |
|  | 13 | Station Service Transformer |  |  | 30 | 45 | 55 | 1815 | Transformer Station | 40 | 3\% | 45 | 2\% | No | No |
|  | 14 | Station Grounding Transformer |  |  | 30 | 40 | 40 |  |  |  |  |  |  |  |  |
|  | 15 | Station DC System | Overall |  | 10 | 20 | 30 | 1820 | Substation Equipment | 25 | 4\% | 5 | 20\% | Yes | No |
|  |  |  | Battery Bank |  | 10 | 15 | 15 |  |  |  |  |  |  |  |  |
|  |  |  | Charger |  | 20 | 20 | 30 |  |  |  |  |  |  |  |  |
|  | 16 | Station Metal Clad Switchgear | Overall |  | 30 | 40 | 60 |  |  |  |  |  |  |  |  |
|  |  |  | Removable Breaker |  | 25 | 40 | 60 |  |  |  |  |  |  |  |  |
|  | 17 | Station Independent Breakers |  |  | 35 | 45 | 65 |  |  |  |  |  |  |  |  |
|  | 18 | Station Switch |  |  | 30 | 50 | 60 |  |  |  |  |  |  |  |  |
|  | 19 | Electromechanical Relays |  |  | 25 | 35 | 50 |  |  |  |  |  |  |  |  |
|  | 20 | Solid State Relays |  |  | 10 | 30 | 45 |  |  |  |  |  |  |  |  |
|  | 21 | Digital \& Numeric Relays |  |  | 15 | 20 | 20 |  |  |  |  |  |  |  |  |
|  | 22 | Rigid Busbars |  |  | 30 | 55 | 60 |  |  |  |  |  |  |  |  |


|  | 23 | Steel Structure |  | 35 | 50 | 90 | 1808 | Building | 30 | 3\% | 50 | 2\% | No | No |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UG | 24 | Primary Paper Insulated Lead Covered (PILC) Cables |  | 60 | 65 | 75 |  |  |  |  |  |  |  |  |
|  | 25 | Primary Ethylene-Propylene Rubber (EPR) Cables |  | 20 | 25 | 25 |  |  |  |  |  |  |  |  |
|  | 26 | Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried |  | 20 | 25 | 30 |  |  |  |  |  |  |  |  |
|  | 27 | Primary Non-TR XLPE Cables in Duct |  | 20 | 25 | 30 |  |  |  |  |  |  |  |  |
|  | 30 | Secondary PILC Cables |  | 70 | 75 | 80 |  |  |  |  |  |  |  |  |
|  | 31 | Secondary Cables Direct Buried |  | 25 | 35 | 40 |  |  |  |  |  |  |  |  |
|  | 32 | Secondary Cables in Duct |  | 35 | 40 | 60 | 1845 | UG Conductors and Devices | 25 | 4\% | 60 | 2\% | No | No |
|  |  | Network Tranformers | Overall | 20 | 35 | 50 |  |  |  |  |  |  |  |  |
|  | 33 |  | Protector | 20 | 35 | 40 |  |  |  |  |  |  |  |  |
|  | 34 | Pad-Mounted Transformers |  | 25 | 40 | 45 |  |  |  |  |  |  |  |  |
|  | 35 | Submersible/Vault Transformers |  | 25 | 35 | 45 |  |  |  |  |  |  |  |  |
|  | 36 | UG Foundation |  | 35 | 55 | 70 |  |  |  |  |  |  |  |  |
|  | 37 | UG Vaults | Overall | 40 | 60 | 80 |  |  |  |  |  |  |  |  |
|  |  |  | Roof | 20 | 30 | 45 |  |  |  |  |  |  |  |  |
|  | 38 | UG Vault Switches |  | 20 | 35 | 50 |  |  |  |  |  |  |  |  |
|  | 39 | Pad-Mounted Switchgear |  | 20 | 30 | 45 |  |  |  |  |  |  |  |  |
|  | 40 | Ducts |  | 30 | 50 | 85 | 1840 | UG Conduit | 25 | 4\% | 40 | 3\% | No | No |
|  | 41 | Concrete Encased Duct Banks |  | 35 | 55 | 80 |  |  |  |  |  |  |  |  |
|  | 42 | Cable Chambers |  | 50 | 60 | 80 |  |  |  |  |  |  |  |  |
| S | 43 | Remote SCADA |  | 15 | 20 | 30 |  |  |  |  |  |  |  |  |

Table F-2 from Kinetrics Report ${ }^{1}$

|  | Asset Details |  | Useful Life Range |  | USoA Account Number | USoA Account Description | Prior to 2013 |  | $\begin{gathered} \hline \text { Up to Dec. 31, } \\ 2015 \end{gathered}$ |  | 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 Furniture and Equipment | 10 | 10\% | 10 | 10\% | No | No |
| 2 | Vehicles | Trucks \& Buckets | 5 | 15 | 1930 | Rolling Stock (Transportation Equipment) | 8 | 13\% | 10 | 10\% | No | No |
|  |  | Trailers | 5 | 20 |  |  |  |  |  |  |  |  |
|  |  | Vans | 5 | 10 |  |  |  |  |  |  |  |  |
| 3 | Administrative Buildings |  | 50 | 75 | 1908 | Buildings | 30 | 3\% | 30 | 3\% | Yes | No |
| 4 | Leasehold Improvements |  | Lease dependent |  |  |  |  |  |  |  |  |  |
| 5 | Station Buildings | Station Buildings | 50 | 75 |  |  |  |  |  |  |  |  |
|  |  | Parking | 25 | 30 |  |  |  |  |  |  |  |  |
|  |  | Fence | 25 | 60 |  |  |  |  |  |  |  |  |
|  |  | Roof | 20 | 30 |  |  |  |  |  |  |  |  |
| 6 | Computer Equipment | Hardware | 3 | 5 | 1920 | Computer Hardware | 5 | 20\% | 4 | 25\% | No | No |
|  |  | Software | 2 | 5 | 1925 | Computer Software | 5 | 20\% | 5 | 20\% | No | No |
| 7 | Equipment | Power Operated | 5 | 10 | 1950 | Power Equipment | 10 | 10\% | 5 | 20\% | No | No |
|  |  | Stores | 5 | 10 | 1935 | Stores Equipment | 5 | 20\% | 5 | 20\% | No | No |
|  |  | Tools, Shop, Garage Equipment | 5 | 10 | 1940 | Tools Shop Garage | 10 | 10\% | 5 | 20\% | No | No |
|  |  |  | 5 | 10 | 1960 | Misc. Equipment | 10 | 10\% | 5 | 20\% | No | No |
|  |  | Measurement \& Testing Equipment | 5 | 10 | 1945 | Measurement and Testing Equipment | 10 | 10\% | 5 | 20\% | No | No |
| 8 | Communication | Towers | 60 | 70 |  |  |  |  |  |  |  |  |
|  |  | Wireless | 2 | 10 | 1955 | Communication Equipment | 10 | 10\% | 10 | 10\% | No | No |
| 9 | Residential Energy Meters |  | 25 | 35 |  |  |  |  |  |  |  |  |
| 10 | Industrial/Commercial Energy Meters |  | 25 | 35 |  |  |  |  |  |  |  |  |
| 11 | Wholesale Energy Meters |  | 15 | 30 |  |  |  |  |  |  |  |  |
| 12 | Current \& Potential Transformer (CT \& PT) |  | 35 | 50 |  |  |  |  |  |  |  |  |



Note 1: Tables F-1 and F-2 above are to be used as a reference in order to complete columns J, K, L and N. See pages 17-19 of Kinetrics Report

## Appendix 2-C

## Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

| Scenario that applies | Applicable Years and Accounting Standard | Year Reflected in Schedule Below | Accounting <br> Standard <br> Reflected in <br> Schedule <br> Below |
| :---: | :---: | :---: | :---: |
| Rebasing for the first time with depreciation policy changes made in 2012. |  policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material). |  |  |
| Rebasing for the first time with depreciation policy changes made in 2013. | This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (atter changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS ( 2014 if changes to MIFRS are material). |  |  |
| Already rebased with depreciation policy changes in a prior rate application <br> ज | This appendix must be completed for 2014 to 2018 . The appendix for 2014 is to be completed under Revised CGAAP (ater changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are materia). | 2014 | Revised CGAAP |


|  |  | Book Values |  |  |  |  |  |  | Service Lives |  |  |  | Depreciation Expense |  |  |  | DepreciationExpense eprAppendi 2 -BAFixed Assets,Column J |  | Variance ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account | Description | Opening Net <br> Book Value of <br> Existing Assets as <br> at Date of Policy <br> Change (Jan. 1) | Less Fully Depreciated ${ }^{7}$ | Net Amount of Existing Assets Before Policy Change to be Depreciated | Opening Gross Book <br> Value of Assets <br> Acquired After Policy <br> Change${ }^{2}$ | $\begin{aligned} & \text { Less Fully } \\ & \text { Depreciated }^{8} \end{aligned}$ | Net Amount of Assets Acquired After Policy Change to be Depreciated Depreciat | Current Year Additions | Average <br> Remaining Litit of <br> Assets Existing <br> Before Policicy <br> Change ${ }^{3}$ | $\begin{aligned} & \text { Depreciation } \\ & \text { Rate Assets } \\ & \text { Accuired Atter } \\ & \text { Policy Change } \end{aligned}$ | $\left\|\begin{array}{c} \text { Life of Assets } \\ \text { Acquired After } \\ \text { Policy Change } \end{array}\right\|$ | $\left\lvert\, \begin{gathered} \text { Depreciation } \\ \text { Reate on New } \\ \text { Rdditions } \end{gathered}\right.$ | Depreciation Expense on Assets Existing Before Policy Change |  | Depreciation <br> Expense on <br> Current Year <br> Additions ${ }^{5}$ | Total Current Depreciati Expense |  |  |  |
|  |  | a | b | a $\mathrm{a}-\mathrm{b}$ | d | e | $\mathrm{f}=\mathrm{d}$ - e | g | h | $\mathrm{i}=1 / \mathrm{h}$ | j | k=1/j | I= c/lh | $\mathrm{m}=\mathrm{fj}$ | $\mathrm{n}=\mathrm{g}^{*} 0.5 \mathrm{j}$ | $\underline{=1+m+n}$ |  | p | $\mathrm{q}=$ |
| 1611 | Computer Sottware (Formally known as Account 1925) | 1,544,106 | 631,436 | 912,670 | 1,162,984 | 13,670 | 1,149,314 | 948,115 | 5.24 | 19.08\% | 5.00 | 20.00\% | 174,133 | 229,863 | 94,812 | 498,807 |  | 613,532 | 25 |
| 1612 | Land Rights (Formally known as Account 1906) | \$ | \$ - | \$ | \$ | \$ | \$ - | s |  | 0.00\% |  | 0.00\% | \$ | s - | s - ${ }^{\text {s }}$ | s | \$ | \$ - | \$ |
| 1805 | Land | \$ 347,843 | \$ | \$ 347,843 | \$ | \$ | \$ - | \$ |  | 0.00\% |  | 0.00\% | \$ | ${ }^{\text {s }}$ | s - ${ }^{\text {s }}$ | s . | \$ | \$ - |  |
| 1808 | Builings | \$ 1,498,548 | \$ | 1,498,548 | 248 | \$ - | 248 | \$ | 52.75 | 1.90\% | 80.00 | 1.25\% | \$ 28,408 | $5 \quad 3$ | s - ${ }^{\text {s }}$ | 28,411 | \$ | 34,673 | 6,262 |
| 1810 | Leasehold Improvements | \$ | \$ | \$ - | \$ | \$ - | \$ - | \$ |  | 0.00\% |  | 0.00\% | \$ | s - | s - ${ }_{\text {s }}$ | s | \$ |  | \$ - |
| 1815 | Transformer Station Equipment 750 kV | \$ 9,459,698 |  | \$ 9,459,698 | \$ 276,030 | \$ | 276,030 |  | 37.30 | 2.68\% | 33.00 | 3.03\% | \$ 253,634 | 8,365 | s ${ }_{\text {s }}$ | 261,999 |  | 421,725 | 159,726 |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ 54,619 | 54,619 | \$ - | \$ - | \$ - | \$ - | \$ |  | 0.00\% |  | 0.00\% | \$ | s - | s - ${ }^{\text {s }}$ | \$ - |  |  | s - |
| 1825 | Storage Batery Equipment | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |  | 0.00\% |  | 0.00\% | \$ | s - | s - s | \$ - | \$ | \$ - | \$ - |
| 1830 | Poles, Towers \& Fixtures | \$ 18,129,972 | \$ | \$ 18,129,972 | \$ $4,389,337$ | 248,310 | 4,141,027 | \$ 2,466,213 | 37.40 | $2.67 \%$ | 50.00 | $2.00 \%$ | \$ 484.819 | 82,821 | 24,662 | 592,301 |  | 657,245 | 64,943 <br> 7,190 |
| 1835 | Overhead Conductors \& Devices | \$ 19,587,572 |  | \$ 19,587,572 | \$ 5,731,752 |  | 5,731,752 | \$ 2,381,987 | 40.05 | 2.50\% | 40.00 | 2.50\% | \$ 489,117 | 143,294 | 29,775 | 662,185 |  | 719,376 | 57,190 |
| 1840 | Underground Conduit | \$ 13,025,017 | \$ | \$ 13,025,017 | \$ 2,091,299 | S | 2,091,299 | 561,403 | 71.71 | 1.39\% | 80.00 | 1.25\% | \$ 181,630 | 26,141 | 3,509 | 211,280 | \$ | 218,535 | 7,254 |
| 1845 | Underground Conductors \& Devices | \$ 19,080,475 | \$ | \$ 19,080,475 | \$ $4,253,678$ | \$ | 4,253,678 | \$ 1,201,122 | 46.57 | 2.15\% | 44.00 | $2.27 \%$ | \$ 409,702 | 96,674 | 13,649 | 520,025 |  | 560,687 | 40,662 |
| 1850 | Line Transtormers | \$ 24,270,286 | \$ | \$ 24,270,286 | \$ $\quad 3,582,324$ | 617,504 | 2,964,820 | \$ 1,875,606 | 39.92 | 2.50\% | 38.00 | $2.63 \%$ | \$ 607,908 | 78,022 | 24,679 | 710,609 | \$ | 762,120 | 51,511 |
| 1855 | Services (Overhead \& Underground) | \$ 1,366,549 | \$ | 1,366,549 | 61,753 |  | 61,753 | 59,973 | 43.00 | 2.33\% | 40.00 | 2.50\% | \$ 31,780 | 1,544 | 750 | 34,074 | \$ | \$ 49,653 | 15,579 |
| 1860 | Meters | \$ 2,552,455 | \$ | \$ 2,552,455 | 9,365,219 | \$ 221,915 | 9,143,304 | \$ 295,527 | 10.94 | 9.14\% | 15.00 | $6.67 \%$ | \$ 233,282 | 609,54 | 9,851 | 852,886 |  | 882,252 | 29,565 |
| 1905 | Land | \$ 301,592 | \$ | \$ 301,592 | \$ |  |  |  |  | 0.00\% |  | 0.00\% | \$ | s - | s - ${ }_{\text {s }}$ | s . |  |  |  |
| 1908 | Buildings \& Fixtures | \$ 2,860,379 | \$ | \$ 2,860,379 | \$ 909,731 | \$ - | 909,731 | 229,629 | 29.39 | 3.40\% | 50.00 | 2.00\% | \$ 97,326 | 18,195 | 2,296 | 117,817 | \$ | 167,552 | 49,736 |
| 1910 | Leasehold Improvements | s | \$ | \$ - | \$ - | \$ - | \$ | \$ - |  | 0.00\% |  | 0.00\% | \$ | s - | s $\quad$ s | \$ | \$ |  | \$ |
| 1915 | Office Furniture $\&$ Equipment (10 years) | \$ 79,789 | \$ | \$ 79,789 | \$ 206,814 | S | \$ 206,814 | 51,558 | 8.74 | 11.44\% | 10.00 | 10.00\% | \$ 9,129 | 20,681 | 2,578 | 32,388 |  | 34,100 |  |
| 1915 | Office Furniture \& Equipment (5 years) | 72,254 | \$ | \$ 72,254 | \$ 1,140 |  | 1,140 | \$ - | 5.00 | 20.00\% | 5.00 | 20.00\% | \$ 14,451 | 228 | s - s | 14,679 |  | 10,558 | (4,121) |
| 1920 | Computer Equip. Hardware | \$ 702,016 | + | 702,016 | 1,233,822 | 631,436 | \$ 602,386 | \$ 598,258 | 3.38 | 29.58\% | 3.00 | 33.33\% | \$ 207,639 | 200,795 | 99,710 | \$ 508,144 |  | 553,837 | 45,693 |
| 1930 | Transportation Equipment | \$ 1,927,696 | \$ | \$ 1,927,696 | \$ 552,770 | \$ 213,577 | \$ 339,193 | \$ 848,074 | 8.43 | 11.87\% | 12.00 | 8.33\% | \$ 228,768 | 28,266 | 35,336 | 292,370 |  | 358,564 |  |
| 1935 | Stores Equipment |  | \$ | \$ 1,290 | \$ | \$ | \$ | \$ - | 2.00 | 50.00\% | 5.00 | 20.00\% | \$ 645 | s - | ${ }_{5}{ }^{\text {s }}$ | 645 |  | 516 | (129) |
| 1940 | Tools, Shop \& Garage Equipment | \$ 822,096 | S | \$ 822,096 | \$ 134,103 | \$ - | \$ 134,103 | \$ 55,129 | 6.23 | 16.05\% | 10.00 | 10.00\% | \$ 131,955 | 13,410 | 2,756 | \$ 148,121 | \$ | \$ 169,745 | 21,624 |
| 1945 | Measurement \& Testing Equipment | \$ 14,467 | \$ | \$ 14,467 | S | \$ | S | \$ | 3.45 | 28.99\% |  | 0.00\% | \$ 4,193 | s | s ${ }^{\text {s }}$ | \$ 4,193 |  | 3,306 | (887) |
| 1950 | Power Operated Equipment | \$ 406 | \$ | \$ 406 | \$ | \$ | \$ | 12,742 | 1.00 | 100.00\% | 10.00 | 10.00\% | \$ 406 | s | 637 | 1,043 |  | 1,672 |  |
| 1955 | Communication Equipment | \$ 1,140 | \$ | \$ 1,140 | \$ | \$ - | \$ | \$ - | 3.00 | 33.33\% |  | 0.00\% | \$ 380 | s - | ${ }_{\text {s }}$ | 380 | \$ | \$ 338 | (42) |
| 1960 | Miscellaneous Equipment | \$ 156,583 | \$ | \$ 156,583 | \$ 87,500 | \$ 125,771 | 38,271 | \$ | 6.30 | 15.87\% | 10.00 | 10.00\% | \$ 24,854 | $(3,827)$ | s - ${ }^{\text {s }}$ | 21,027 | \$ | \$ 13,074 | \$ (7,953) |
| 1970 | Load Management Controls Customer Premises | \$ | \$ | \$ | \$ | \$ | \$ - | \$ |  | 0.00\% |  | 0.00\% | \$ | s | s - ${ }^{\text {s }}$ | s . |  |  | s |
| 1975 | Load Management Controls Uutily Premises | \$ - | \$ | \$ | \$ | \$ | \$ - | \$ |  | 0.00\% |  | 0.00\% | \$ | s . | s - ${ }^{\text {s }}$ | s . | \$ | \$ | s |
| 1980 | System Supervisor Equipment | \$ - | \$ | \$ | \$ | \$ | \$ - | \$ |  | 0.00\% |  | 0.00\% | \$ | s . | s . ${ }^{\text {s }}$ | s . | \$ |  | s |
| 1985 | Miscellaneous Fixed Assets | \$ | \$ | \$ | \$ | \$ | \$ | \$ |  | 0.00\% |  | 0.00\% | \$ | s | s - ${ }^{\text {s }}$ | s . | \$ | ${ }^{\text {S }}$ | s |
| 1990 | Other Tangible Property | S | \$ |  | \$ - | \$ | \$ - | \$ - |  | 0.00\% |  | 0.00\% | \$ - | s - | s $\cdot$ s | \$ |  |  | \$ |
| 1995 | Contributions \& Grants | \$ (13,618,905) | \$ | \$ (13,618,905) | \$ (3,306,993) | \$ | (3,306,993) | \$ (500,449) | 40.12 | 2.49\% | 43.57 | 2.30\% | \$ (339,421) | (75,901) | (5,743) | S (421,065) |  | (494,244) | $(73,179)$ |
| 2005 | Property under Finance Leases | \$ | \$ |  | \$ | \$ |  |  |  |  |  |  | \$ |  |  |  |  |  |  |
| 2010 2440 | Electric Plant Purchased or Sold Deferred Revenue | $\$$ 27,880 | \$ | $\begin{array}{ll}\$ & 27,880 \\ \$ & \end{array}$ | \$ | \$ | \$ | \|cc| | 27.00 | 3.700\% | - $\quad$ - ${ }^{\text {c }}$ | 2.000\% | \$ 1,033 | s ${ }_{\text {s }}$ | \|s (2,934) | s 1,033 <br> \$ $(2,334)$ | \$ | 1,213 | $\begin{array}{\|lr\|} \hline \$ & 180 \\ \hline \$ & 2,934 \\ \hline \end{array}$ |

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is induded in rate base via. Accumula depreciation and the revenue reauirement


Notes:


 Asset A would have a remaining senvice itif of 17 years (20 years less 3 years) as at January 1 of the year of op opicy changes.
is determined to be 27 years ( 30 years less
y years) under the revised CGAP
CGAP as at




Appendix 2-C
Depreciation and Amortization Expense
This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

| Scenario that applies | Applicable Years and Accounting Standard | Year Reflected in Schedule Below |  |
| :---: | :---: | :---: | :---: |
| Rebasing for the first time with depreciation policy changes made in 2012. |  policies). The appendix for 2014 to 2018 is to be completed under MIFRS ( 2014 if changes to MIFRS are materia). |  |  |
| Rebasing for the first time with depreciation policy changes made in 2013. | This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are materia). |  |  |
| Already rebased with depreciation policy changes in a prior rate application | This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (ater changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are materia). | 2015 | MIFRS |




General: Appicants are to complete this appendix to show the reasonability of the depreciation expense that is includded in rate base via. Accumulated depreciation and the revenue requirement.
Appicants must provide a breakdown of depreciation and amotizaion expense in the abve tomat for all relevant accounts. Balances pesented in the table shold erclude asset retirement obligations (AROS) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:



As a result, Asset A would have a remaining service life of 17 years 20 years less 3 years) as at January 1 of the year of policy changes. Due to making
opening balance of Asset $A$ is determined to be 27 years $(30$ years less 3 years) under the revised CGAP as at January 1 of the year of policy changes
4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1,2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Reporit
Board poicicy of the "half-year" "ulue e the applicant must ensure that additions in the year attract a hall-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
The applicant must provide an explanaion of material vaiuces in evidence.
This should include assets in ecolumanation of excel molerial Variances in evidence.

Appendix 2-C
Depreciation and Amortization Expense
This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

| Scenario that applies | Applicable Years and Accounting Standard | Year Reflected in Schedule Below |  |
| :---: | :---: | :---: | :---: |
| Rebasing for the first time with depreciation policy changes made in 2012. | This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (atter changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material). |  |  |
| Rebasing for the first time with depreciation policy changes made in 2013. | This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (atter changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material). |  |  |
| Already rebased with depreciation policy changes in a prior rate application | This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be complete under Revised CGAAP (atter changes in depreciation poicies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are materia). | 2016 | MIFRS |


|  |  | Book Values |  |  |  |  |  |  | Service Lives |  |  |  | Depreciation Expense |  |  |  | Depreciation Expense per Appendix 2-BAFixed Assets, Column J |  | variance ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account | Description | Opening Net Book Value of Bin Assets at Date of Policy Change (Jan. 1) | Less Fully Depreciated ${ }^{7}$ | Net Amount of Existing Assets Before Policy Change to be Depreciated | Opening Gross Book Value of Assets Acquired After Policy Change ${ }^{2}$ | Less Fully Depreciated ${ }^{8}$ | Net Amount of Assets Acquired Change to be Depreciated | Current Year Additions |  | Depreciation Rate Assets Policy Change$\qquad$ | Life of Assets <br> Acquired After <br> Policy Change | $\substack{\text { Depreciation } \\ \text { Rate on New } \\ \text { Additions }}$$k=1 / j$ | Depreciation <br> Expense on Assets <br> Existing Before <br> Policy Change <br> $\mid=c \mathrm{clh}$ <br>  | Depreciation <br> Expense en <br> Assets <br> Acturised <br> Atter Policy <br> Change$\|$ | Depreciation Expense on Current Year Additions ${ }^{5}$ | $\left.\begin{array}{\|c} \text { Total current } \\ \text { Yeare } \\ \text { Depreition } \\ \text { Expense } \end{array} \right\rvert\,$ |  |  |  |
|  |  | a | b | $c=a-b$ | d | e | $\mathrm{f}=\mathrm{d}-\mathrm{e}$ | g | h |  |  |  |  |  | $\mathrm{n}=\mathrm{g}^{*} 0.5 \mathrm{j}$ | =1 |  | p | $\mathrm{q}=$ |
| 1611 | Computer Software (Formally known as Account 1925) | 1,544,106 | 631,436 | 912,670 | 3,473,525 | 729,283 | 2,744,242 | \$ 1,069,386 | 4.82 | 20.75\% | 5.00 | 20.00\% | 189,415 | 548,848 | 106,939 | 845,201 |  | \$ 839,876 | \$ (5,325) |
| 1612 | Land Rights (Formally known as Account 1906) | , | 631,436 | \$ - | \$ | \$ | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s - | s | \$ |  |  |  |
| 1805 | Land | 347,843 |  | 347,843 | \$ - | \$ | \$ - |  |  | 0.00\% |  | 0.00\% | \$ | s . | s |  |  |  |  |
| 1808 | Buildings | 1,498,548 | \$ | 1,498,548 | 9,678 | \$ | \$ 9,678 | 20 | 52.75 | 1.90\% | 80.00 | 1.25\% | 28,408 | 121 | \$ 0 | \$ 28,529 |  | 30,957 | 2,428 |
| 1810 | Leasehold Improvements | \$ - | \$ | \$ - | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | s | s - | \$ |  |  | s |
| 1815 | Transtormer Station Equipment $>50 \mathrm{kV}$ | 9,459,698 |  | 9,459,698 | 661,972 |  | 661,972 | 61,985 | 37.30 | 2.68\% | 33.00 | 3.03\% | 253,634 | 20,060 | 939 | 274,633 |  | 433,366 | 158,733 |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | 54,619 | 54,619 |  | \$ - | \$ | S |  |  | 0.00\% |  |  | \$ - | s - | s - | \$ - | \$ |  |  |
| 1825 | Storage Batery Equipment | \$ | \$ - | \$ - | \$ - | \$ - | \$ - |  |  | 0.00\% |  | 0.00\% | \$ - | s - | \$ - | \$ - |  |  | S - |
| 1830 | Poles, Towers \& Fixtures | \$ 18,129,972 | \$ | \$ 18,129,972 | 10,470,140 | 896,800 | 9,573,340 | \$ 4,001,764 | 37.40 | 2.67\% | 50.00 |  | 484,819 | 191,467 | 40,018 |  |  | 454,414 | $(261,889)$ |
| 1835 | Overhead Conductors \& Devices | 19,587,572 |  | 19,587,572 | 10,915,520 |  | 10,915,520 | \$ 3,652,752 | 40.05 | 2.50\% | 40.00 | 2.50\% | 489,117 | 272,888 | 45,659 |  |  | \$ 815,866 |  |
| 1840 | Underground Conduit | \$ 13,025,017 | \$ | \$ 13,025,017 | 3,975,652 | \$ | \$ 3,975,652 | \$ 1,641,358 | 71.71 | 1.39\% | 80.00 | 1.25\% | \$ 181,630 | s 49,696 | \$ 10,258 | 241,584 |  | \$ 233,373 | (8,212) |
| 1845 | Underground Conductors \& Devices | \$ 19,080,475 | \$ | \$ 19,080,475 | 7,769,466 |  | \$ 7,769,466 | \$ $2,241,115$ | 46.57 | 2.15\% | 44.00 | $2.27 \%$ | \$ 409,702 | \$ 176,579 | \$ 25,467 | \$ 611,748 |  | \$ 611,390 |  |
| 1850 | Line Transtormers | 24,270,286 |  | 24,270,286 | 7,918,289 | \$ 2,032,602 | 5,885,687 | 2,420,999 | 39.92 | 2.50\% | 38.00 | $2.63 \%$ | 607,908 | 154,887 | 31,855 | 794,650 |  | \$ 695,098 | (99,552) |
| 1855 | Sevices (Overhead \& Underground) | 1,366,549 | \$ | \$ 1,366,549 | 192,967 |  | \$ 192,967 |  | ${ }^{43.00}$ | 2.33\% | 40.00 | 2.50\% | \$ 31,780 | 4,824 | s | 36,04 |  | 8,452 | (28,152) |
| 1860 | Meters | \$ $2,2,552,455$ | \$ | \$ 2,552,455 | 9,903,713 | 372,934 | \$ 9,530,779 | 266,979 | 10.94 | 9.14\% | 15.00 | $6.67 \%$ | \$ 233,282 | s 635,385 | S 8,899 | 877,566 |  | 1,114,982 | 237,415 |
| 1905 | Land | 301,592 |  | 301,592 | \$ - |  | \$ - |  |  | 0.00\% |  | 0.00\% | \$ | s - | \$ - |  |  |  |  |
| 1908 | Buildings \& Fixtures | 2,860,379 | \$ | 2,860,379 | 1,229,539 | \$ | \$ 1,229,539 | 26,750 | 29.39 | 3.40\% | 50.00 | 2.00\% | 97,326 | 24,591 | 267 | 122,184 |  | \$ 204,937 | 82,753 |
| 1910 | Leasehold Improvements | \$ | \$ | \$ | 24,525 | \$ - | \$ 24.525 |  |  | 0.00\% | 1.50 | 66.67\% | \$ | 16,350 | s | \$ 16,350 |  | \$ 15,851 | (499) |
| 1915 | Office Furniture \& Equipment (10 years) | \$ 79,789 | \$ | 79,789 | 258,372 | \$ - | \$ 258,372 |  | 8.74 | 11.44\% | 10.00 | 10.00\% | \$ 9,129 | 25,837 | \$ - |  |  |  | s ( 34,966 ) |
| 1915 | Office Furriture \& Equipment (5 years) | 72,254 | \$ | 72,254 | 108,582 | \$ - | \$ 108,582 | 31,289 | 5.00 | 20.00\% | 5.00 | 20.00\% | \$ 14,451 | 21,716 | 3,129 | 39,296 |  | \$ 60,456 | \$ 21,160 |
| 1920 | Computer Equip. Hardware | \$ 702,016 | \$ | \$ 702,016 | 2,030,247 | \$ 1,545,681 | \$ 484,566 | \$ 191,364 | 3.38 | 29.58\% | 3.00 | 33.33\% | \$ 207,639 | \$ 161,522 | S 31,994 | \$ 401,055 |  | \$ 370,475 | \$ (30,580) |
| 1930 | Transporataion Equipment | \$ 1,927,696 | \$ | 1,927,696 | 1,971,859 | 853,279 | \$ 1,118,580 | 417,159 | 8.43 | 11.87\% | 10.00 | 10.00\% | \$ 228,768 | 111,858 | 20,858 | 361,484 |  | \$ 335,578 | (25,906) |
| 1935 | Stores Equipment |  | \$ | \$ 1,290 | 14,625 |  | \$ 14,625 |  | 2.00 | 50.00\% | 5.00 | 20.00\% | 645 | 2,925 | \$ - | 3,570 |  | \$ 1,463 | $(2,108)$ |
| 1940 | Tools, Shop \& Garage Equipment | 822,096 | \$ | \$ 822,096 | \$ 255,442 | \$ 181,023 | \$ 74,419 | \$ 87,827 | 6.23 | 16.05\% | 10.00 | 10.00\% | \$ 131,955 | 7,442 | \$ 4,391 | 143,788 | \$ | \$ 112,984 | \$ ( 30,804$)$ |
| 1945 | Measurement \& Testing Equipment | 14,467 | \$ | \$ 14,467 | \$ - | , | \$ |  | 3.45 | 28.99\% | 10.00 | 10.00\% | \$ 4,193 | , |  | 4,193 |  |  | \$ (7,747) |
| 1950 | Power Operated Equipment | 406 | \$ | 406 | 12,742 | \$ | \$ 12,742 |  | 1.00 | 100.00\% | 10.00 | 10.00\% | 406 | 1,274 | \$ | 1,680 |  | \$ 1,768 |  |
| 1955 | Communication Equipment | 1,140 | \$ | \$ 1,140 | \$ - | \$ - | \$ |  | 3.00 | 33.33\% | 3.00 | 33.33\% | \$ 380 | s | \$ | 380 | \$ | \$ $(7,884)$ | $(8,264)$ |
| 1960 | Miscellaneous Equipment | \$ 156,583 | \$ | \$ 156,583 | 87,679 | 71,441 | \$ 16,238 |  | 6.30 | 15.87\% | 10.00 | 10.00\% | \$ 24,854 | 1,624 | \$ | \$ 26,478 |  | \$ 8,568 | s (17,910) |
| 1970 | Load Management Controls Customer Premises | S | \$ | \$ - | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ | ${ }^{\text {s }}$ | s | \$ |  |  |  |
| 1975 | Load Management Controls Uutily Premises | \$ - | \$ | \$ | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s . | s | \$ . |  |  | s . |
| 1980 | System Superisor Equipment | \$ | \$ | + | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s . | s . | s |  |  | s . |
| 1985 | Miscellaneous Fixed Assets | S | \$ | \$ - | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s - | s . | \$ . |  |  | s . |
| 1990 | Other Tangible Property | S (13618095 | s | ( 13618905 | (307742) | \$ - | (3807 42 |  |  | 0.00\% |  | 0.00\% | S | s - | \$ - | \$ |  |  |  |
| 1995 | Contribution \& Grants | \$ (13,618,905) | \$ | \$ (13,618,905) | \$ (3,807,442) | S | \$ (3,807, 442) | \$ 63,478 | 40.12 | 2.49\% | 43.57 | 2.30\% | \$ (339,421) | s (87,387) | 728 | S (426,079) | \$ | \$ (376,445) | \$ 49,634 |
| 2005 | Property under Finance Leases | \$ | \$ | \$ | \$ | ${ }_{\text {\$ }}$ | \$ |  |  | $0.00 \%$ 3700 |  | 0.000\% | \$ | s | s | ${ }^{\text {s }}$ |  |  | s |
| 2010 | Electric Plant Purchased or Sold | \$ 27,880 | \$ | \$ 27,880 | \$ - | \$ 24,243 | \$ (24,243) |  | 27.00 | 3.70\% |  | 0.00\% | \$ ${ }^{1,033}$ | s | s | 1,033 |  |  | s $(1,033)$ |

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base wia Accumwated denerciation and the revenue requirement


Notes


 3 Asset A would have a emaning senice life of 17 years (20 years less 3 years) as at January 1 of the year of oficy hanges.
4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board. Transition to Intermational Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
Board policy of the "hal--year 'rule - the appicant must ensure that additions in the year atract a hall-year depreciation expense in the first year. Deviaitions from this standard practice must be supported in the application.
The applicant must provice an explanation of material variances in evidence.


## Appendix 2-C

Depreciation and Amortization Expense
This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

| Scenario that applies | Applicable Years and Accounting Standard | Year Reflected in Schedule Below |  |
| :---: | :---: | :---: | :---: |
| Rebasing for the first time with depreciation policy changes made in 2012. | This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material). |  |  |
| Rebasing for the first time with depreciation policy changes made in 2013. | This appendix must be dupicated and completed for the years 2013 to 2018 . The appendix for 2013 is to be completed under CGAPP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (atter changes in depreciaition policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material). |  |  |
| Already rebased with depreciation policy changes in a prior rate application | This appendix must be completed for 2014 to 2018 . The appendix for 2014 is to be completed under Revised CGAAP (ater changes in depreciaion policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are materia). | 2017 | MIFRS |




Notes:




balance of Asset $A$ is determined to be 27 years ( 30 years less 3 years) under the revised CGAAP as at January 1 of the year of poicy changes.
4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handtook for Electricity Distributors, effective Jan. 1,2012 and also with the Report of the Board. Transition to International Financial Reporting Standards, EB-2008-0400, and the Kinectics Reporit
The applicant must provide an explanation of material variances in evidence.


This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

| Scenario that applies | Applicable Years and Accounting Standard | Year Reflected in Schedule Below | Accounting <br> Standard <br> Reflected in <br> Schedule <br> Below |
| :---: | :---: | :---: | :---: |
| Rebasing for the first time with depreciation policy changes made in 2012. | This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (atter changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS ( 2014 if changes to MIFRS are materia). |  |  |
| Rebasing for the first time with depreciation policy changes made in 2013. | This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS ( 2014 if changes to MIFRS are materia). |  |  |
| Already rebased with depreciation policy changes in a prior rate application <br> $\checkmark$ | This appendix must te completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (atter changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are materia). | 201 | MIFR |


|  |  | Book Values |  |  |  |  |  |  | Service Lives |  |  |  | Depreciation Expense |  |  |  |  |  | Variance ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account | Description | Opening Net Book Value of Existing Assets as at Datat of Policy Change (Jan. 1) | Less Fully Depreciated ${ }^{7}$ | Net Amount of Existing Assets Before Policy Change to be Depreciated | Opening Gross Book Value of Assets Acquired Atter Policy Change Change ${ }^{2}$ | Less Fully Depreciated ${ }^{8}$ | Net Amount of Assets Acquired After Policy Change to be Depreciated | Current Year Additions | Average <br> Remainang Life of <br> Assets ㅊisting <br> Before Policy <br> Change | Depreciation Rate Assets Policy Change Policy Change | Life of Assets <br> Acquired After <br> Policy Change ${ }^{4}$ | $\begin{gathered} \text { Depreciation } \\ \text { Rate on New } \\ \text { Additions } \end{gathered}$ | Depreciation <br> Expense on Assets <br> Existing Before <br> Policy Change |  | Depreciation <br> Expense on <br> Current Year <br> Additions${ }^{5}$ | Total Current Year Depreciotion Expense $\|$ |  |  |  |
|  |  | a | b | $c=a-b$ | d | e | $\mathrm{f}=\mathrm{d}-\mathrm{e}$ | $g$ | h | $\mathrm{i}=1 \mathrm{~h}$ | i | k=1/j | 1=0 | $\mathrm{m}=\mathrm{fj}$ | $\mathrm{n}=\mathrm{g}^{*} 0.5 \mathrm{j}$ | $0=1+\mathrm{m}+\mathrm{n}$ |  | p | $\mathrm{q}=\mathrm{p}-\mathrm{o}$ |
| 1611 | Computer Software (Formally known as Account 1925) | 1,544,106 | 631,436 | 912,670 | 5,145,916 | \$ 2,957,918 | 2,187,998 | \$ 612,200 | 4.82 | 20.75\% | 5.00 | 20.00\% | 189,415 | 437,600 | 61,220 | \$ 688,234 |  | 766,258 | \$ 78,024 |
| 1612 | Land Rights (Formally known as Account 1906) | \$ | 631,436 | \$ | \$ | \$ | \$ |  |  | 0.00\% |  | 0.00\% | \$ | \$ - | s | \$ - |  |  |  |
| 1805 |  | 347,843 | \$ | 347,843 |  |  | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ - | s - |  |  |  |  |
| 1808 | Builiding | 1,498,548 | \$ | \$ 1,998,548 | 9,698 | \$ | \$ 9,698 |  | 52.75 | 1.90\% | 80.00 | 1.25\% | 28,408 | 121 | S | 28,529 |  | 32,798 | s 4,269 |
| 1810 | Leasehold Improvements | \$ | \$ | \$ | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ | s |  |  |  |  |
| 1815 | Transformer Station Equipment 750 kV | \$ 9,459,698 |  | 9,459,698 | 723,957 |  | \$ 723,957 | 35,000 | 37.30 | 2.68\% | 33.00 | 3.03\% | 253,634 | 21,938 | 530 | 276,103 |  | 267,755 | (8,348) |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ 54,619 | 54,619 |  |  |  | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ - | \$ - | s - |  |  | s - |
| 1825 | Storage Batery Equipment | \$ | \$ | \$ | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ - | \$ . | s - |  |  | \$ - |
| 1830 | Poles, Towers \& Fixtures | \$ 18,129,972 | S | \$ 18,129,972 | 16,396,202 | \$ 1,388,510 | \$ 15,007,692 | \$ 3,106,118 | 37.40 | 2.67\% | 50.00 | 2.00\% | \$ 484,819 | 300,154 | 31,061 | S 816,034 |  | 818,619 | 2,585 |
| 1835 | Overhead Conductors \& Devices | \$ 19,587,572 |  | \$ 19,587,572 | 18,928,624 |  | \$ 18,928,624 | \$ 3,617,082 | 40.05 | 2.50\% | 40.00 | 2.50\% | 489,117 | \$ 473,216 | 45,214 | S 1,007,546 |  | 1,061,136 | 53,590 |
| 1840 | Underground Conduit | \$ 13,025,017 | ¢ | \$ 13,025,017 | 7,776,655 | \$ | \$ 7,776,655 | \$ 1,285,479 | 71.71 | 1.39\% | 80.00 | 1.25\% | 181.630 | \$ 97,208 | 8,034 | S 286,873 |  | 297,714 | s 10,841 |
| 1845 | Underground Conductors \& Devices | \$ 19,080,475 | \$ | \$ 19,080,475 | 13,054,900 |  | \$ 13,054,900 | \$ 1,812,061 | 46.57 | 2.15\% | 44.00 | $2.27 \%$ | \$ 409,702 | \$ 296,702 | 20,592 | S 726,995 |  | 762,717 |  |
| 1850 | Line Transtormers | 24,270,286 | \$ | \$ 24,270,286 | 12,843,430 | \$ 3,130,377 | \$ 9,713,053 | \$ 1,891,075 | 39.92 | 2.50\% | 38.00 | 2.63\% | \$ 607,908 | \$ 255,607 | 24,883 | S 888,397 |  | 941,504 | S 53,107 |
| 1855 | Sevices (Overhead \& Underground) | 1,366,549 | \$ | \$ 1,366,549 | 192,967 |  | \$ 192,967 |  | 43.00 | 2.33\% | 40.00 | $2.50 \%$ | \$ 31,780 | \$ 4,824 | S | \$ 36,604 |  | 42,514 | s 5,910 |
| 1860 | Meters | \$ 2,552,455 | \$ | \$ 2,552,455 | 10,951,179 | \$ 944,304 | \$ 10,006,875 | \$ 824,242 | 10.94 | 9.14\% | 15.00 | $6.67 \%$ | \$ 233,282 | \$ 667,125 | s 27,475 | S 927,882 |  | 852,257 | s (75,625) |
| 1905 | Land | \$ 301,592 | S | \$ 301,592 | \$ |  | \$ |  |  | 0.00\% |  | 0.00\% | \$ | \$ - | \$ - |  |  |  |  |
| 1908 | Buildings \& Fixtures | 2,860,379 | \$ | \$ 2,860,379 | 1,367,254 |  | \$ 1,367,254 | 14,500 | 29.39 | 3.40\% | 50.00 | 2.00\% | 97,326 | 27,345 | 145 | S 124,816 |  | 167,005 | 42,189 |
| 1910 | Leasehold Improvements | S | \$ | \$ | 24,525 | \$ - | \$ 24,525 |  |  | 0.00\% | 1.50 | 66.67\% | \$ | \$ 16,350 | s | s 16,350 |  |  | (16,350) |
| 1915 | Office Furniture \& Equipment (10 years) | \$ 79,789 | \$ | 79,789 | 258,372 | \$ - | \$ 258,372 |  | 8.74 | 11.44\% | 10.00 | 10.00\% | 9,129 | \$ 25,837 | S | 34,966 |  |  |  |
| 1915 | Office Furniture \& Equipment (5 years) | \$ 72,254 |  | 72,254 | 189,409 | \$ - | \$ 189,409 | 9,200 | 5.00 | 20.00\% | 5.00 | 20.00\% | 14,451 | \$ 37,882 | 920 | S 53,253 | \$ | 59,933 | 6,680 |
| 1920 | Computer Equip.-Hardware | \$ 702,016 | \$ | \$ 702,016 | 2,564,577 | \$ 2,396,812 | \$ 167,765 | \$ 211,700 | 3.38 | 29.58\% | 3.00 | 33.33\% | 207,639 | \$ 55,922 | \$ 35,283 | S 298,844 |  | 253,071 | s ( 45,773$)$ |
| 1930 | Transportation Equipment | \$ 1,927,696 | \$ | \$ 1,927,696 | 2,748,018 | 853,279 | \$ 1,894,739 | 100,000 | 8.43 | 11.87\% | 10.00 | 10.00\% | \$ 228,768 | \$ 189,474 | \$ 5,000 | S 423,242 |  | 460,451 |  |
| 1935 | Stores Equipment | \$ 1,290 | \$ | \$ 1,290 | 14,625 | \$ - | \$ 14,625 |  | 2.00 | 50.00\% | 5.00 | 20.00\% | 645 | \$ 2,925 | \$ - | 3,570 |  | 1,463 | (2,107) |
| 1940 | Tools, Shop \& Garage Equipment | \$ 822,096 | \$ | \$ 822,096 | 502,770 | \$ 181,023 | \$ 321,747 | \$ 108,500 | 6.23 | 16.05\% | 10.00 | 10.00\% | \$ 131,955 | \$ 32,175 | 5,425 | S 169,554 | \$ | 99,093 | (70,461) |
| 1945 | Measurement \& Testing Equipment | \$ 14,467 | \$ | \$ 14,467 | \$ - - |  | \$ |  | 3.45 | 28.99\% | 10.00 | 10.00\% | 4,193 | s | s | 4,193 |  |  | s $(4,193)$ |
| 1950 | Power Operated Equipment | \$ 406 | \$ | 406 | 12,742 | \$ | \$ 12,742 |  | 1.00 | 100.00\% | 10.00 | 10.00\% | \$ 406 | \$ 1,274 | S | 1,680 | \$ | 2.549 | 869 |
| 1955 | Communication Equipment | \$ 1.140 | \$ | 1,140 | \$ - | \$ - | \$ |  | 3.00 | 33.33\% | 3.00 | 33.33\% | \$ 380 | \$ | s - | 380 |  |  | (380) |
| 1960 | Miscellaneous Equipment | \$ 156,583 | \$ | \$ 156,583 | 87,679 | 71,441 | \$ 16,238 |  | 6.30 | 15.87\% | 10.00 | 10.00\% | \$ 24,854 | \$ ${ }^{\text {s }}$ | s | 26,478 | \$ | 501 | $(25,977)$ |
| 1970 | Load Management Controls Customer Premises | \$ | \$ | \$ - | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ - | s | \$ . |  |  |  |
| 1975 | Load Management Controls Utility Premises | \$ | \$ | \$ | \$ . | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ . | s . | s . |  |  | s |
| 1980 | System Superisor Equipment | \$ | \$ | \$ | \$ | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | s . | s . | s |  |  | s |
| 1985 | Miscellaneous Fixed Assets | \$ | \$ | \$ | \$ | \$ | \$ |  |  | 0.00\% |  | 0.00\% | \$ | \$ - | s . | s |  |  | s |
| 1990 | Other Tangible Property | \$ - | \$ | \$ - | \$ | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ | \$ - | s . | s . |  |  | s |
| 1995 | Contributions \& Grants | \$ (13,618,905) | \$ | \$ (13,618,905) | (3,743,964) | \$ - | \$ (3,743,964) |  | 40.12 | 2.49\% | 43.57 | 2.30\% | (339,421) | S (85,930) | s . | s (425,351) | \$ | (435,509) | (10,158) |
| 2005 | Property under Finance Leases | \$ | \$ | \$ | \$ - | \$ - | \$ |  |  | 0.00\% |  | 0.00\% | \$ - | \$ - | s - | s - |  |  | s - |
| 2010 | Eleetric Plant Purchased or Sold | \$ 27,880 | \$ | \$ 27,880 | S | \$ 24,243 | \$ (24,243) |  | 27.00 | 3.70\% |  | 0.00\% | \$ 1,033 | s | s | s 1,033 |  |  | $(1,033)$ |
| 2440 | Deferred Revenue | \$ | \$ | \$ | \$ (8,760,713) | \$ | \$ (8,760,713) | \$ (2,132,910) |  | 0.00\% | 43.57 | 2.30\% | \$ | s (201,072) | S (24,477) | S (225,549) |  | (203,765) | S 21,784 |


asseis that existed as at he date of the utility change in depreciation poicies are tuily depreciated.




${ }_{8}^{7} \quad$ This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in $b$ (excel column D ) should equal the net book value of the asset as at the date of depreciation policy change

## Appendix 2-C

## Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

| Scenario that applies |  | Applicable Years and Accounting Standard |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Year Reflected in Schedule Below |  | $\substack{\text { Accounting } \\ \text { Standard } \\ \text { Reflected in } \\ \text { Schedule } \\ \text { Below }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rebasing for the first time with depreciation policy changes made in 2012. <br> $\square$ $\qquad$ $\qquad$ |  | This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed und policies). The appendix for 2014 to 2018 is to be completed under MIFRS ( 2014 if changes to MIFRS are material). |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rebasing for the first time with depreciation policy changes made in 2013. |  |  policies). The appendix for 2014 to 2018 is to be completed under MIFRS ( 2014 if changes to MIFRS are material). |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Already rebased with depreciation policy changes in a prior rate application <br> $\square$ |  | This appendix must be completed for 2014 to 2018 . The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material). |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2018 | MIFRS |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2019 |  |  |
| Account |  | k Values |  |  |  |  |  |  | Service Lives |  |  |  | Depreciation Expense |  |  |  |  |  |  |  |
|  | Description | Opening Net <br> Book Value of <br> Existing Assets as <br> at Date of Policy <br> Change (Jan. 1) | Less Fully ${ }^{7}$ Depreciated $^{7}$ | Net Amount of <br> Exisiting Assets <br> Befor <br> Botioy <br> Canane to be <br> Depreciated | Value of Assets Acquired After Policy Change ${ }^{2}$ | Less Fully Depreciated ${ }^{\text {B }}$ | Net Amount of Assets Acquired After Policy Change to be Depreciated | Current Year Additions | AverageRemaining Lite of <br> Assest <br> Existing <br> Before Po <br> ChangeChaty | Depreciation Rate Assets Policy Change | Life of Assets Acquired Atter Policy Change Policy Change | Depreciation Rate on New Additions | Depreciation <br> Expense on Assets <br> Existing Before <br> Policy Change | DepreciationExpense onAssetsAcquiredAfter PolicyChange |  | Depreciation Expense on <br> Current Year <br> Additions ${ }^{5}$ |  | Depreciation Expense per Appendix 2-BA Fixed Assets, Column J |  | Variance ${ }^{6}$ |
|  |  | a | b | $c=a-b$ | d | e | $\mathrm{f}=\mathrm{d} \mathrm{e}$ | g | h | $\mathrm{i}=1 / \mathrm{h}$ | i | k=1/j | 1=c/h |  | $\mathrm{m}=\mathrm{tj}$ | $\mathrm{n}=\mathrm{g}^{*} 0.51 \mathrm{j}$ | $=1+m+n$ |  | p | $\mathrm{q}=\mathrm{p}-\mathrm{o}$ |
| 1611 | Computer Sottware (Formally known as Account 1925) | 1,544,106 | \$ 631,436 | \$ 912,670 | 5,758,116 | \$ 3,274,597 | 2,483,519 | 526,500 | 4.82 | 20.75\% | 5.00 | $20.00 \%$ | 189,415 |  | 496,704 | 52,650 | 738,768 |  | 813,708 | 74,940 |
| 1612 | Land Rights (Formally known as Account 1906) | - | \$ |  |  |  |  |  |  | 0.00\% |  | 0.00\% |  |  |  | s - ${ }_{\text {s }}$ |  |  |  |  |
| 1805 | Land | 347,843 |  | \$ 347,843 |  |  | \$ - |  |  | 0.00\% |  | 0.00\% |  |  |  |  |  |  |  |  |
| 1808 | Builings | \$ 1,488,548 | \$ | \$ 1,498,548 | \$ 9,698 | \$ | 9,698 |  | 52.75 | 1.90\% | 80.00 | 1.25\% | \$ 28,408 | s | 121 | s - ${ }^{\text {s }}$ | 28,529 | \$ | 32,798 | 4,269 |
| 1810 | Leasehold Improvements |  |  |  |  |  |  |  |  | 0.00\% |  | 0.00\% |  |  |  |  |  |  |  |  |
| 1815 | Transformer Station Equipment 750 kV | 9,459,698 |  | 9,459,698 | 758,957 |  | 758,957 | 55,000 | 37.30 | 2.68\% | 33.00 | 3.03\% | \$ 253,634 |  | 22,999 | 833 | 277,466 |  | 268,828 |  |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | 54,619 | \$ 54,619 |  | \$ - | \$ |  |  |  | 0.00\% |  | 0.00\% | 5 |  |  | s ${ }^{\text {s }}$ | \$ |  |  | \$ |
| 1825 | Storage Batery Equipment | S | \$ - | \$ | \$ | \$ |  |  |  | 0.00\% |  | 0.00\% | \$ |  |  | s - ${ }^{\text {s }}$ | \$ - |  |  |  |
| 1830 | Poles, Towers \& Fixtures | \$ 18,129,972 | \$ | \$ 18,129,972 | \$ 19,502,320 | \$ 1,638,510 | 17,863,810 | \$ 2,407,644 | 37.40 | 2.67\% | 50.00 | 2.00\% | \$ 484,819 |  | 357,276 | 24,076 | 866,171 |  | 884,662 | 18,491 |
| 1835 | Overhead Conductors \& Devices | \$ 19,587,572 |  | \$ 19,587,572 | \$ 22,545,706 |  | 22,545,706 | \$ 2,803,706 | 40.05 | 2.50\% | 40.00 | 2.50\% | \$ 489,117 |  | 563,643 | 35,046 | \$ 1,087,806 | \$ | 1,148,256 | \$ 60,450 |
| 1840 | Underground Conduit | \$ 13,025,017 | \$ | \$ 13,025,017 | \$ 9,062,134 | S | 9,062,134 | \$ 1,452,741 | 71.71 | 1.39\% | 80.00 | 1.25\% | \$ 181,630 |  | 113,277 | 9,080 | \$ 303,987 |  | 315,267 | \$ 11,281 |
| 1845 | Underground Conductors \& Devices | \$ 19,080,475 | \$ | \$ 19,080,475 | \$ 14,866,961 |  | 14,866,961 | \$ 2,047,840 | 46.57 | 2.15\% | 44.00 | $2.27 \%$ | \$ 409,702 |  | 337,885 | 23,271 | 770,858 |  | 807,234 | \$ 36,376 |
| 1850 | Line Transtormers | \$ 24,270,286 |  | \$ 24,270,286 | \$ 14,734,505 | \$ 3,580,377 | 11,154,128 | 2,025,885 | 39.92 | 2.50\% | 38.00 | 2.63\% | \$ 607,908 |  | 293,530 | 26,656 | 928,094 |  | 985,261 | S 57,167 |
| 1855 | Services (Overread \& Underground) | \$ 1,366,549 | \$ | \$ 1,366,549 | \$ 192,967 | \$ | 192,967 |  | ${ }^{43.00}$ | 2.33\% | 40.00 | 2.50\% | \$ 31,780 |  | 4,824 | s - s | 36,604 |  | 42,514 | \$ 5,910 |
| 1860 | Meters | \$ 2,552,455 | \$ | \$ 2,552,455 | \$ 11,775,421 | \$ 2,675,086 | 9,100,335 | 751,092 | 10.94 | 9.14\% | 15.00 | 6.67\% | \$ 233,282 |  | 600,689 | 25,036 | 865,007 |  | 895,267 | 30,260 |
| 1905 | Land |  | \$ | \$ 301,592 | \$ |  | \$ - |  |  | 0.00\% |  | 0.00\% | \$ |  |  |  |  |  |  |  |
| 1908 | Buildings \& Fixtures | \$ 2,860,379 |  | \$ 2,860,379 | 1,381,754 | \$ | \$ 1,381,754 | \$ 4,400,000 | 29.39 | 3.40\% | 50.00 | 2.00\% | 97,326 |  | 27,635 | 44,000 | 168,961 |  | 183,563 | 14,602 |
| 1910 | Leasehold Improvements | \$ | \$ | \$ | \$ 24,525 | \$ | \$ 24,525 |  |  | 0.00\% | 1.50 | $66.67 \%$ | \$ |  | 16,350 | ${ }_{\text {s }}$ | 16,350 |  |  | s (16,350) |
| 1915 | Office Furniture \& Equipment (10 years) | 79,789 | \$ | \$ 79,789 | \$ 258,372 | \$ | 258,372 |  | 8.74 | 11.44\% | 10.00 | 10.00\% | \$ 9,129 |  | 25,837 | s - ${ }^{\text {s }}$ | 34,966 |  |  | \$ ( 34,966 ) |
| 1915 | Office Furniture \& Equipment (5 years) | 72,254 |  | \$ 72,254 | \$ 198,609 | \$ - | 198,609 | 3,600 | 5.00 | 20.00\% | 5.00 | 20.00\% | 14,451 |  | 39,722 | 360 | \$ 54,533 | \$ | 57,274 | \$ ${ }^{\text {s }}$, 741 |
| 1920 | Computer Equip. Hardware | \$ 702,016 | \$ | \$ 702,016 | \$ 2,776,277 | \$ 2,588,176 | 188,101 | \$ 240,700 | 3.38 | 29.58\% | 3.00 | 33.33\% | \$ 207,639 |  | 62,700 | 40,117 | 310,456 |  | 257,215 | \$ (53,241) |
| 1930 | Transporataion Equipment | \$ 1,927,696 | \$ | \$ 1,927,696 | \$ 2,848,018 | \$ 853,279 | 1,994,739 | 105,000 | 8.43 | 11.87\% | 10.00 | 10.00\% | \$ 228,768 |  | 199,474 | 5,250 | 433,492 |  | 462,769 | 29,277 |
| 1935 | Stores Equipment | 1,290 | \$ | \$ 1,290 | \$ 14,625 |  | 14,625 |  | 2.00 | 50.00\% | 5.00 | 20.00\% | \$ 645 | s | 2,925 | s - s | \$ 3,570 | \$ | 1,463 | $(2,107)$ |
| 1940 | Tools, Shop \& Garage Equipment | \$ 822,096 | \$ | \$ 822,096 | \$ 611,270 | \$ 181,023 | 430,247 | \$ 66,700 | 6.23 | 16.05\% | 10.00 | 10.00\% | \$ 131,955 | s | 43,025 | 3,335 | S 178,314 | \$ | 96,433 | S (81,881) |
| 1945 | Measurement \& Testing Equipment | \$ 14,467 | \$ | \$ 14,467 | \$ | \$ | \$ |  | 3.45 | 28.99\% | 10.00 | 10.00\% | \$ 4.193 | s |  | ${ }_{s}$ | \$ 4,193 |  |  | \$ $(4,193)$ |
| 1950 | Power Operated Equipment | 406 | \$ | \$ 406 | \$ 12,742 | \$ | 12,742 |  | 1.00 | 100.00\% | 10.00 | 10.00\% | 406 |  | 1,274 | s - s | 1,680 |  |  | $(1,680)$ |
| 1955 | Communication Equipment | 1,140 | \$ | \$ 1,140 | \$ | \$ | 12,72 |  | 3.00 | 33.33\% | 3.00 | 33.33\% | \$ 380 | s |  | ${ }^{\text {s }}$ - ${ }^{\text {s }}$ | \$ 380 |  |  | \$ (380) |
| 1960 | Miscellaneous Equipment | \$ 156,583 | \$ | \$ 156,583 | \$ 87,679 | \$ 71,441 | 16,238 |  | 6.30 | 15.87\% | 10.00 | 10.00\% | \$ 24.854 | s | 1,624 | s - ${ }^{\text {s }}$ | 26,478 | \$ | 501 | $(25,977)$ |
| 1970 | Load Management Controls Customer Premises | \$ - | \$ | S | s | \$ | \$ - |  |  | 0.00\% |  | 0.00\% | \$ | s |  | s . ${ }^{\text {s }}$ | s . |  |  | ${ }^{5}$ |
| 1975 | Load Management Controls Uutily Premises | \$ - | \$ | + | \$ | \$ | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s | - s | s - ${ }_{\text {s }}$ | \$ |  |  | s . |
| 1980 | System Supervisor Equipment | \$ | \$ | \$ | \$ | \$ | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s | $\cdot \mathrm{s}$ | s ${ }^{\text {s }}$ | s |  |  | s |
| 1985 | Miscellaneous Fixed Assets | \$ - | S | \$ | S | \$ | \$ |  |  | 0.00\% |  | 0.00\% | \$ | s |  | s | \$ . |  |  | s . |
| 1990 | Other Tangible Property | \$ (1391809 | S | + | \$ - | \$ | \$ - |  |  | 0.00\% |  | 0.00\% | \$ - | s |  | ${ }^{\text {s }}$ - ${ }^{\text {s }}$ | s |  |  | \$ |
| 1995 | Contribution \& Grants | \$ $(13,618,905)$ | \$ | \$ (13,618,905) | \$ (3,743,964) |  | \$ (3,743,964) |  | 40.12 | 2.49\% | 43.57 | 2.3006 | s | s | (85,930) | s ${ }_{\text {s }}$ | \$ (425,351) | \$ | (435,509) |  |
| 2005 2010 | Property under Finance Leases Electric Plant Purchased or Sold | $\begin{array}{\|lc\|} \hline \$ & - \\ \hline \$ & 27,880 \\ \hline \end{array}$ | \$ | $\begin{array}{\|lc\|} \hline \$ & - \\ \hline \$ & 27,880 \\ \hline \end{array}$ | \$ | $\begin{array}{\|lc\|} \hline \$ & - \\ \hline \$ & 24,243 \\ \hline \end{array}$ | $\begin{array}{\|cc\|} \hline \$ & - \\ \hline \$ & (24,243) \\ \hline \end{array}$ |  | 27.00 | $0.00 \%$ $3.700 \%$ |  | $\xrightarrow{0.000 \%}$ | $\begin{array}{\|lc\|} \hline \$ & - \\ \hline \$ & 1,033 \\ \hline \end{array}$ | s | $\cdots$ | s | $\begin{array}{\|cc\|} \hline s & - \\ \hline s & 1,033 \end{array}$ |  |  | $\begin{array}{\|cc\|} \hline \text { s } & - \\ \hline \text { s } & (1,033) \end{array}$ |

General: Appicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requiremen


## Notes:





4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors. effective Jan. 1, 2012 and also with the Repot of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

The applicant must provide an explanation of mateiar vainancesic evidence. . This should include assets in column a (excel column c) that become fully depreciated since the date of the policy change. The amount input in $b$ (excel column D ) should equal the net book value of the asset as at the date of depreciation policy change



[^0]:    5

