August 22, 2013
Re:Cooperative Hydro Embrun Inc. Application Board File Number EB-2013-0122

## Dear Ms Walli:

This letter is in response to the Board's letter, issued on August 7, 2013 requesting additional information based on the newly issued filing requirements.

In October of 2012 the Board released a report entitled Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach the For distributors where the Board clearly indicated that distributors scheduled to rebase for 2014 and planning to seek the Board's approval for January 1 rates, would have the options to rebase under 3rd Generation IR filing requirements. Cooperative Hydro Embrun's understanding of this statement was that filing under 3rd Generation IR meant abiding by the 3rd generation Filing Requirements issued in June 28, 2012.

The Board indicated in its letter that an update is necessary to satisfy the new filing requirements with respect to any major new or revised items that are related to Board policy matters or may have a significant impact on the application review. Cooperative Hydro Embrun is of the opinion that it abided by the filing requirements in effect at the time of the filing and that these requirements should have been sufficient enough to process Cooperative Hydro Embrun's application. That being said, the utility recognizes that the Board could have asked for more information than was requested and for this reason, along with a wish to reduce the interrogatory burden, Cooperative Hydro Embrun has opted to cooperate with the Board's request.

Please find attached the supplemental information as per requested in a letter issued to on August 7, 2013.

Respectfully submitted
Benoit Lamarche, General Manager
Cooperative Hydro Embrun
703 Notre Dame Rue Russell, ON
(613) 443-5110

## (Request 1) General Requirements (section 2.3.2)

The adoption of new accounting policies ultimately impacts both the Rate Base and Revenue Requirement. CHE has used the appendix provided by the Board to determine the impact of these changes on the 2014 Rate Base and Revenue Requirement.

The projected impact of Rate Base under NewCGAAP versus OldCGAAP, is an increase of $\$ 289,934$. This impact is mainly due to higher net fixed assets in OldCGAAP in comparison to NewCGAAP. The total impact on the Revenue Requirement is of $\$ 69,512$ in OldCGAAP vs NewCGAAP. The impact is mainly due to the change of $\$ 42,861$ in depreciation expense and a change in PILs in the amount of $\$ 9,726$. Please find Appendix 2-YB Accounting Changes Impact Summary below.

Appendix 2-YB Summary of Impacts to Revenue Requirement from Accounting Changes under CGAAP or ASPE

| Revenue Requirement Component | 2014 <br> CGAAP or ASPE <br> with the changes to the policies | 2014 <br> CGAAP <br> without the changes to the policies | Difference | Reasons why the revenue requirement component is different under CGAAP or ASPE with the changes to the policies versus CGAAP without the changes to the policies |
| :---: | :---: | :---: | :---: | :---: |
| Closing NBV 2013 | \$2,201,600.17 | \$2,459,749.09 | -\$258,148.92 | Adoption of new typical useful lives as per Kinetrics Report |
| Closing NBV 2014 | \$2,543,766.09 | \$2,851,485.21 | -\$307,719.13 | Adoption of new typical useful lives as per Kinetrics Report |
| Average NBV | \$2,372,683.13 | \$2,655,617.15 | -\$282,934.03 | Adoption of new typical useful lives as per Kinetrics Report |
| Working Capital | \$509,744.05 | \$509,744.05 | \$0.00 |  |
| Rate Base | \$2,882,427.18 | \$3,165,361.20 | -\$282,934.03 |  |
| Return on Rate Base | \$172,426.79 | \$189,351.91 | -\$16,925.11 | Change in return due to change in Rate Base |
|  |  |  | \$0.00 |  |
| OM\&A | \$556,279.00 | \$556,279.00 | \$0.00 | no change (burdens were never capitalized) |
| Depreciation | \$132,429.08 | \$175,290.05 | -\$42,860.97 | Adoption of new typical useful lives as per Kinetrics Report |
| PILs or Income Taxes | \$7,944.00 | \$17,670.01 | -\$9,726.01 | Change in PILs due to change in Rate Base |
|  |  |  | \$0.00 |  |
| Less: Revenue Offsets | \$30,281.00 | \$30,281.00 | \$0.00 | no change |
|  |  |  | \$0.00 |  |
|  |  |  | \$0.00 |  |
|  |  |  | \$0.00 |  |
| Insert description of additional item(s) and new rows if needed. |  |  | \$0.00 |  |
| Total Base Revenue Requirement | \$899,359.87 | \$968,871.97 | -\$69,512.09 |  |

## (Request 2) Exhibit 9: Deferral and Variance Accounts (section 2.12.5)

The balance in Account 1576, which quantifies the accounting change made on January 1, 2013, is determined to be in the amount of $\$ 35,076$. As indicated in the Response to Request \#1, the primary reason for this variance is the adoption of new useful lifes which in turn affect the depreciation expenses in NewCGAAP vs OldCGAAP.

At a Weighted Average Cost of Capital of $5.98 \%$ and a disposition period of two years, the return on Rate Base Associated with Account 1576 balance is determined to be $\$ 4,197$. The logic behind a two year disposition is that it's a reasonable compromise between avoiding rate shock when the rider expires, which tends to occur in short disposition periods (e.g 1 year), and returning to the customer what is owed to them. CHE confirms that no carrying charges are applied to the balance in the PP\&E account.

The total amount included in Deferral and Variance Account Rate Rider Calculation is therefore $\$ 39,273$. Appendix 2-EE Account 1576 is presented at the next page (Attachment 1).

In order to comply with Board's request, a separate volumetric rate rider, for Account 1576 for the clearance of the account balance over the proposed disposition period, including all calculations showing its derivation is also presented at Attachment 2. The rate rider is comprised of the amortized amount of account balance over the proposed two years for the disposition period.

NOTE: Since it is the Board's policy that balances included for disposition should be audited, Cooperative Hydro Embrun will be seeking guidance from the Board on why the unaudited balance of Account 1576 are to be included in the disposition.

The Fixed Asset Continuity Schedule (Appendix 2-BA1 or 2-BA2) for 2013 and 2014 in both CGAAP and NewCGAAP are also provided at the next section, (Attachment 2). Fixed Asset Continuity Schedule for historical years can be found at ETS of the application filed on May 10, 2013.

## Attachment 1 (of 4):

OEB Appendix 2-EE Account 1576 (2013)

|  | 2010 Rebasing Year | 2011 | 2012 | 2013 | 2014 Rebasing Year | 2015 | 2016 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis | CGAAP | IRM | IRM | IRM | CGAAP ASPE | IRM | IRM | IRM | IRM |
| Forecast vs. Actual Used in Rebasing Year | Forecast | Actual | Actual | Forecast | Forecast |  |  |  |  |
|  |  |  |  | \$ | \$ | \$ | \$ | \$ | \$ |
| PP\&E Values under former CGAAP |  |  |  |  |  |  |  |  |  |
| Opening net PP\&E - Note 1 |  |  |  | 3,200,152 |  |  |  |  |  |
| Net Additions - Note 4 |  |  |  | 39,486 |  |  |  |  |  |
| Net Depreciation (amounts should be negative) - Note 4 |  |  |  | 146,612 |  |  |  |  |  |
| Closing net PP\&E (1) |  |  |  | 3,386,250 |  |  |  |  |  |



Effect on Deferral and Variance Account Rate Riders

| Closing balance in Account 1576 | 35,076 | WACC | 5.98\% |
| :---: | :---: | :---: | :---: |
| Return on Rate Base Associated with Account 1576 balance at WACC - Note 2 | 4,197 | \# of years of rate rider |  |
| Amount included in Deferral and Variance Account Rate Rider Calculation | 39,273 | disposition period | 2 |

Notes:

## Attachment 2 (of 4): <br> Determination of Rate Rider including DVA Continuity Schedules.

|  |  | Amounts from Sheet 2 | Allocator | Residential | General Service < 50 kW | General Service > 50 to 4999 kW | Unmetered Scattered Load | Street Lighting |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LV Variance Account | 1550 | 21,533 | kWh | 14,522 | 3,508 | 3,175 | 66 | 263 |
| RSVA - Wholesale Market Service Charge | 1580 | $(23,665)$ | kWh | $(15,959)$ | $(3,855)$ | $(3,489)$ | (73) | (289) |
| RSVA - Retail Transmission Network Charge | 1584 | $(2,643)$ | kWh | $(1,783)$ | (431) | (390) | (8) | (32) |
| RSVA - Retail Transmission Connection Charge | 1586 | 2,107 | kWh | 1,421 | 343 | 311 | 6 | 26 |
| RSVA - Power (excluding Global Adjustment) | 1588 | $(21,851)$ | kWh | $(14,736)$ | $(3,560)$ | $(3,222)$ | (67) | (267) |
| RSVA - Power - Sub-account - Global Adjustment | 1588 | $(8,305)$ | Non-RPP kWh | $(1,286)$ | (440) | $(6,057)$ | (20) | (502) |
| Recovery of Regulatory Asset Balances | 1590 | 0 | kWh | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2008) | 1595 | (0) | kWh | (0) | (0) | (0) | (0) | (0) |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 | 0 | kWh | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2010) | 1595 | $(37,178)$ | kWh | $(25,072)$ | $(6,056)$ | $(5,482)$ | (114) | (454) |
| Total of Group 1 Accounts (excluding 1588 sub-account) |  | $(61,697)$ |  | $(41,607)$ | $(10,051)$ | $(9,097)$ | (189) | (753) |


| Other Regulatory Assets - Sub-Account - OEB Cost Assessments | 1508 | 604 |  | 453 | 40 | 3 | 5 | 104 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other Regulatory Assets - Sub-Account - Pension Contributions | 1508 | 685 |  | 514 | 45 | 3 | 5 | 118 |
| Impact of Accounting Changes | 1576 | $(39,273)$ | kWh | $(26,485)$ | $(6,398)$ | $(5,791)$ | (120) | (480) |
| Total of Group 2 Accounts |  | $(37,984)$ |  | $(25,518)$ | $(6,313)$ | $(5,785)$ | (110) | (258) |


| Deferred Payments in Lieu of Taxes | 1562 | 0 | 0 | 0 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account) | 1592 | $(2,847)$ | $(2,135)$ | (187) | (13) | (23) | (488) |
| Total of Account 1562 and Account 1592 |  | $(2,847)$ | $(2,135)$ | (187) | (13) | (23) | (488) |


| Special Purpose Charge Assessment Variance Account | 1521 | 0 | 0 | 0 | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LRAM Variance Account (Enter dollar amount for each class) | 1568 | 1,946 | 1,242 | 386 | 279 | 5 | 34 |

(Account 1568 - total amount allocated to classes) $\quad 1,946$
Variance 0

| Total Balance Allocated to each class (excluding 1588 subaccount) | $(100,582)$ |  | $(68,019)$ | $(16,164)$ | $(14,615)$ | (317) | $(1,467)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Balance in Account 1588 - sub account | $(8,305)$ |  | $(1,286)$ | (440) | $(6,057)$ | (20) | (502) |
| Total Balance Allocated to each class (including 1588 sub-account) | $(108,888)$ |  | $(69,305)$ | $(16,605)$ | $(20,672)$ | (337) | $(1,968)$ |

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)

| Rate Class <br> (Enter Rate Classes in cells below) | Units | kW / kWh / \# of Customers | Allocated Balance (excluding 1588 sub-account) |  | Rate Rider for Deferral/Variance Accounts |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | kWh | 19,634,780 | -\$ | 68,019 | - | 0.0017 |
| General Service < 50 kW | kWh | 4,742,923 | -\$ | 16,164 | - | 0.0017 |
| General Service > 50 to 4999 kW | kW | 12,486 | -\$ | 14,615 | - | 0.5853 |
| Unmetered Scattered Load | kWh | 89,208 | -\$ | 317 | - | 0.0018 |
| Street Lighting | kW | 1,003 | -\$ | 1,467 | - | 0.7312 |
| Total |  |  | -\$ | 100,582 |  |  |

Rate Rider Calculation for RSVA - Power - Sub-account - Global Adjustment

| Rate Class <br> (Enter Rate Classes in cells <br> below) | Units | kW / kWh / \# of <br> Customers | Balance of RSVA - Power - <br> Sub-account - Global <br> Adjustment | Rate Rider for RSVA - Power <br> -Sub-account - Global <br> Adjustment |
| :--- | :---: | :---: | :---: | :---: |
| Residential | kWh | 911,692 | $-\$$ | 1,286 |
| General Service $<50 \mathrm{~kW}$ | kWh | 312,122 | $-\$$ | 440 |
| General Service $>50$ to 4999 kW | kW | 12,486 | $-\$$ | 6,057 |
| Unmetered Scattered Load | kWh | 14,167 | $-\$$ | 20 |
| Street Lighting | $\mathbf{k W}$ | 1,003 | $-\$$ | 502 |
| Total |  | $\mathbf{- \$}$ | $\mathbf{8 , 3 0 5}$ | $\mathbf{-}$ |

$$
\text { Attachment } 3 \text { (of 4): }
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OEB Appendix 2-CF - Depreciation Expenses 2013 OldCGAAP OEB Appendix 2-CF - Depreciation Expenses 2013 NewCGAAP OEB Appendix 2-CF - Depreciation Expenses 2014 OldCGAAP OEB Appendix 2-CF - Depreciation Expenses 2014 NewCGAAP

| File Number: | EB-20130122 |
| :--- | ---: |
| Exhibit: | 2 |
| Tab: | 1 |
| Schedule: | 5 |
| Page: |  |
| Date: |  |

Appendix 2-CF
Depreciation and Amortization Expense

| Depreciation and Amortization Expense <br> Assumes the applicant adopted IFRS for financial reporting purposes January 1, 2015 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year |  |  | 2013 | OldCGAAP |  |  |  |  |  |  |  |  |
| Account | Description | Opening Regulatory Gross PP\&E as at Jan 1, 2013 <br> (a) | Less Fully Depreciated <br> (b) | Net for Depreciation <br> (c) | Additions <br> (d) | Total for Depreciation |  | Years <br> (f) | Depreciation Rate $(\mathrm{g})=1 /(\mathrm{f})$ | 2013 <br> Depreciation <br> Expense $(\mathrm{h})=(\mathrm{e}) /(\mathbf{f})$ | 2013 Depreciation Expense per Appendix 2 B Fixed Assets, Column K (I) | Variance ${ }^{2}$ $(m)=(h)-(I)$ |
| 1611 | Computer Software (Formally known as Account 1925) | \$ 84,927.00 | \$ 15,643.30 | \$ 69,283.70 | \$ 26,500.00 | \$ | 82,533.70 | 5.00 | 20.00\% | \$ 16,506.74 |  | \$ 16,506.74 |
| 1612 | Land Rights (Formally known as Account 1906) | \$ |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ - |
| 1805 | Land | \$ 50,000.00 |  | \$ 50,000.00 |  | \$ | 50,000.00 | - | 0.00\% | \$ |  | \$ |
| 1808 | Buildings | \$ |  | S |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1810 | Leasehold Improvements | \$ |  | \$ - |  | \$ |  |  | 0.00\% | \$ |  | \$ |
| 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ | \$ |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ 222,488.00 |  | \$ 222,488.00 | \$ 62,400.00 | \$ | 253,688.00 | 30.00 | 3.33\% | \$ 8,456.27 |  | \$ 8,456.27 |
| 1825 | Storage Battery Equipment | \$ |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1830 | Poles, Towers \& Fixtures | \$ 563,534.00 |  | \$ 563,534.00 | \$ 83,850.00 | \$ | 605,459.00 | 25.00 | 4.00\% | \$ 24,218.36 |  | \$ 24,218.36 |
| 1835 | Overhead Conductors \& Devices | \$ 546,986.00 |  | \$ 546,986.00 | \$ 58,750.00 | \$ | 576,361.00 | 25.00 | 4.00\% | \$ 23,054.44 |  | \$ 23,054.44 |
| 1840 | Underground Conduit | \$ |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1845 | Underground Conductors \& Devices | \$ 957,987.00 |  | \$ 957,987.00 | \$ 52,400.00 | \$ | 984,187.00 | 25.00 | 4.00\% | \$ 39,367.48 |  | \$ 39,367.48 |
| 1850 | Line Transformers | \$ 747,023.00 |  | \$ 747,023.00 | \$ 12,000.00 | \$ | 753,023.00 | 25.00 | 4.00\% | \$ 30,120.92 |  | \$ 30,120.92 |
| 1855 | Services (Overhead \& Underground) | \$ 183,212.00 |  | \$ 183,212.00 | \$ 5,000.00 | \$ | 185,712.00 | 25.00 | 4.00\% | \$ 7,428.48 |  | \$ 7,428.48 |
| 1860 | Meters | \$ |  | \$ |  | \$ | - | 25.00 | 4.00\% | \$ |  | \$ |
| 1860 | Meters (Smart Meters) | \$ 310,212.00 |  | \$ 310,212.00 |  | \$ | 310,212.00 | 25.00 | 4.00\% | \$ 12,408.48 |  | \$ 12,408.48 |
| 1905 | Land | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1908 | Buildings \& Fixtures | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1910 | Leasehold Improvements | \$ |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1915 | Office Furniture \& Equipment (10 years) | \$ 49,403.00 | \$ 4,750.24 | \$ 44,652.76 | \$ 1,500.00 | \$ | 45,402.76 | 10.00 | 10.00\% | \$ 4,540.28 |  | \$ 4,540.28 |
| 1915 | Office Furniture \& Equipment ( 5 years) | \$ |  |  |  | \$ |  |  | 0.00\% | \$ |  | \$ |
| 1920 | Computer Equipment - Hardware | \$ 24,537.00 | \$ 16,392.44 | 8,144.56 | \$ 1,500.00 | , | 8,894.56 | 5.00 | 20.00\% | \$ 1,778.91 |  | \$ 1,778.91 |
| 1920 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ - |  | \$ - |
| 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ |  | \$ - |
| 1930 | Transportation Equipment | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ |  | \$ - |
| 1935 | Stores Equipment | \$ 4,320.00 |  | \$ 4,320.00 |  | \$ | 4,320.00 | 10.00 | 10.00\% | \$ 432.00 |  | \$ 432.00 |
| 1940 | Tools, Shop \& Garage Equipment | \$ 4,205.00 |  | \$ 4,205.00 |  | \$ | 4,205.00 | 10.00 | 10.00\% | \$ 420.50 |  | \$ 420.50 |
| 1945 | Measurement \& Testing Equipment | \$ 4,281.00 | \$ 2,700.00 | \$ 1,581.00 |  | \$ | 1,581.00 | 10.00 | 10.00\% | \$ 158.10 |  | \$ 158.10 |
| 1950 | Power Operated Equipment | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1955 | Communications Equipment | \$ |  | \$ - |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1955 | Communication Equipment (Smart Meters) | \$ |  |  |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1960 | Miscellaneous Equipment | \$ |  | \$ - |  | \$ | - |  | 0.00\% | S |  | \$ |
| 1975 | Load Management Controls Utility Premises | \$ |  | \$ - |  | \$ |  |  | 0.00\% |  |  | \$ |
| 1980 | System Supervisor Equipment | \$ |  | + |  | \$ | - |  | 0.00\% | \$ |  | \$ |
| 1985 | Miscellaneous Fixed Assets | \$ |  | \$ |  | \$ |  |  | 0.00\% | \$ |  | \$ |
| 1995 | Contributions \& Grants | - 552,963.00 |  | -\$ 552,963.00 | -\$ 8,000.00 | - | 556,963.00 | 25.00 | 4.00\% | -\$ 22,278.52 |  | -\$ 22,278.52 |
| etc. |  |  |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ - |
|  |  |  |  | \$ |  | \$ | - |  | 0.00\% | \$ |  | \$ - |
|  | Total | \$ 3,200,152.00 | \$ 39,485.98 | \$ 3,160,666.02 | \$295,900.00 | \$ | 3,308,616.02 |  |  | \$ 146,612.43 | \$ | \$ 146,612.43 |

## Notes:

Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application. The applicant must provide an explanation of material variances in evidence

General: Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Asset Retirement Obligations (AROs), depreciation and accretion expense should be disclosed separately consistent with the Notes of historical Audited Financial Statements.


## Appendix 2-CF

Depreciation and Amortization Expense
Assumes the applicant adopted IFRS for financial reporting purposes January 1, 2015 Year 2013 NewCGAAP

| Account | Description | Opening Regulatory Gross PP\&E as at Jan 1, 2013 <br> (a) | Less Fully Depreciated <br> (b) | Net for Depreciation <br> (c) | Additions <br> (d) | Total for Depreciation $(\mathrm{e})=(\mathrm{c})+1 / 2 x(\mathrm{~d})^{1}$ | Years <br> (f) | Depreciation Rate $(\mathrm{g})=1 /(\mathrm{f})$ | 2013 <br> Depreciation Expense $(\mathrm{h})=(\mathrm{e}) /(\mathrm{f})$ | 2013 Depreciation Expense per Appendix 2 B Fixed Assets, Column K <br> (I) | Variance ${ }^{2}$ $(m)=(h)-(l)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1611 | Computer Software (Formally known as Account 1925) | \$ 84,927.00 | \$ 15,643.30 | \$ 69,283.70 | \$ 26,500.00 | \$ 82,533.70 | 5.00 | 20.00\% | \$ 16,506.74 | \$ 16,506.79 | -\$ 0.05 |
| 1612 | Land Rights (Formally known as Account 1906) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ - |
| 1805 | Land | \$ 50,000.00 |  | \$ 50,000.00 |  | \$ 50,000.00 |  | 0.00\% | \$ - | \$ - | \$ - |
| 1808 | Buildings | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1810 | Leasehold Improvements | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1815 | Transformer Station Equipment >50 kV | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ 222,488.00 |  | \$ 222,488.00 | \$ 62,400.00 | \$ 253,688.00 | 55.00 | 1.82\% | \$ 4,612.51 | 4,612.50 | 0.01 |
| 1825 | Storage Battery Equipment | \$ |  |  |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1830 | Poles, Towers \& Fixtures | \$ 563,534.00 |  | \$ 563,534.00 | \$ 83,850.00 | \$ 605,459.00 | 40.00 | 2.50\% | \$ 15,136.48 | \$ 15,136.46 | 0.02 |
| 1835 | Overhead Conductors \& Devices | \$ 546,986.00 |  | \$ 546,986.00 | \$ 58,750.00 | \$ 576,361.00 | 60.00 | 1.67\% | \$ 9,606.02 | \$ 9,606.03 | -\$ 0.01 |
| 1840 | Underground Conduit | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | s |
| 1845 | Underground Conductors \& Devices | \$ 957,987.00 |  | \$ 957,987.00 | \$ 52,400.00 | \$ 984,187.00 | 35.00 | 2.86\% | \$ 28,119.63 | 28,119.62 | 0.01 |
| 1850 | Line Transformers | \$ 747,023.00 |  | \$ 747,023.00 | \$ 12,000.00 | \$ 753,023.00 | 40.00 | 2.50\% | \$ 18,825.58 | 18,825.55 | 0.03 |
| 1855 | Services (Overhead \& Underground) | \$ 183,212.00 |  | \$ 183,212.00 | \$ 5,000.00 | \$ 185,712.00 | 40.00 | 2.50\% | \$ 4,642.80 | \$ 4,642.76 | \$ 0.04 |
| 1860 | Meters | \$ |  | \$ |  | \$ | 25.00 | 4.00\% | S |  | S |
| 1860 | Meters (Smart Meters) | \$ 310,212.00 |  | \$ 310,212.00 |  | \$ 310,212.00 | 15.00 | 6.67\% | \$ 20,680.80 | \$ 20,680.80 | S |
| 1905 | Land | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1908 | Buildings \& Fixtures | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | S |
| 1910 | Leasehold Improvements | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1915 | Office Furniture \& Equipment (10 years) | \$ 49,403.00 | \$ 4,750.24 | \$ 44,652.76 | \$ 1,500.00 | \$ 45,402.76 | 10.00 | 10.00\% | \$ 4,540.28 | \$ 4,540.27 | \$ 0.01 |
| 1915 | Office Furniture \& Equipment (5 years) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1920 | Computer Equipment - Hardware | \$ 24,537.00 | \$ 16,392.44 | \$ 8,144.56 | \$ 1,500.00 | \$ 8,894.56 | 5.00 | 20.00\% | \$ 1,778.91 | 1,779.19 | -\$ 0.28 |
| 1920 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ |
| 1930 | Transportation Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1935 | Stores Equipment | \$ 4,320.00 |  | \$ 4,320.00 |  | \$ 4,320.00 | 10.00 | 10.00\% | 432.00 | 432.00 | \$ - |
| 1940 | Tools, Shop \& Garage Equipment | \$ 4,205.00 |  | \$ 4,205.00 |  | \$ 4,205.00 | 10.00 | 10.00\% | \$ 420.50 | 420.50 | \$ - |
| 1945 | Measurement \& Testing Equipment | \$ 4,281.00 | \$ 2,700.00 | \$ 1,581.00 |  | \$ 1,581.00 | 10.00 | 10.00\% | \$ 158.10 | 158.10 | \$ |
| 1950 | Power Operated Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1955 | Communications Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1955 | Communication Equipment (Smart Meters) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1960 | Miscellaneous Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1975 | Load Management Controls Utility Premises | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1980 | System Supervisor Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1985 | Miscellaneous Fixed Assets | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1995 | Contributions \& Grants | -\$ 552,963.00 |  | -\$ 552,963.00 | -\$ 8,000.00 | -\$ 556,963.00 | 40.00 | 2.50\% | -\$ 13,924.08 | 13,924.08 | 0.00 |
| etc. |  |  |  | \$ |  | \$ |  | 0.00\% | \$ |  | \$ |
|  |  |  |  | \$ |  | \$ |  | 0.00\% | \$ |  | \$ |
|  | Total | \$ 3,200,152.00 | \$ 39,485.98 | \$ 3,160,666.02 | \$ 295,900.00 | \$ 3,308,616.02 |  |  | \$ 111,536.26 | \$ 111,536.49 | -\$ 0.23 |

Notes:
1 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
The applicant must provide an explanation of material variances in evidence
General: Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Asset Retirement Obligations (AROs), depreciation and accretion expense should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

| File Number: | EB-20130122 |
| :--- | ---: |
| Exhibit: | 2 |
| Tab: | 1 |
| Schedule: | 5 |
| Page: |  |
| Date: |  |

Appendix 2-CF
Depreciation and Amortization Expense


## Notes:

Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application. The applicant must provide an explanation of material variances in evidence

General: Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Asset Retirement Obligations (AROs), depreciation and accretion expense should be disclosed separately consistent with the Notes of historical Audited Financial Statements.


## Appendix 2-CF

Depreciation and Amortization Expense
Assumes the applicant adopted IFRS for financial reporting purposes January 1, 2015 Year 2014 NewCGAAP

| Account | Description | Opening Regulatory Gross PP\&E as at Jan 1, 2013 <br> (a) | Less Fully Depreciated <br> (b) | Net for Depreciation <br> (c) | Additions <br> (d) | Total for Depreciation $(\mathrm{e})=(\mathrm{c})+1 / 2 x(\mathrm{~d})^{1}$ | Years <br> (f) | Depreciation Rate $(\mathrm{g})=1 /(\mathrm{f})$ | 2014 <br> Depreciation Expense $(\mathrm{h})=(\mathrm{e}) /(\mathrm{f})$ | 2014 Depreciation Expense per Appendix 2 B Fixed Assets, Column K <br> (I) | Variance ${ }^{2}$ $(m)=(h)-(l)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1611 | Computer Software (Formally known as Account 1925) | \$ 111,427.00 | \$ 18,864.54 | \$ 92,562.46 | \$ 35,000.00 | \$ 110,062.46 | 5.00 | 20.00\% | \$ 22,012.49 | 22,013.00 | -\$ 0.51 |
| 1612 | Land Rights (Formally known as Account 1906) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1805 | Land | \$ 50,000.00 |  | \$ 50,000.00 |  | \$ 50,000.00 |  | 0.00\% | \$ - | \$ | \$ - |
| 1808 | Buildings | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1810 | Leasehold Improvements | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1815 | Transformer Station Equipment >50 kV | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ - | \$ - |
| 1820 | Distribution Station Equipment $<50 \mathrm{kV}$ | \$ 284,888.00 |  | \$ 284,888.00 |  | \$ 284,888.00 | 55.00 | 1.82\% | \$ 5,179.78 | 5,179.77 | 0.01 |
| 1825 | Storage Battery Equipment |  |  |  |  | \$ |  | 0.00\% | \$ | \$ | \$ - |
| 1830 | Poles, Towers \& Fixtures | \$ 647,384.00 |  | \$ 647,384.00 | \$ 60,220.00 | \$ 677,494.00 | 40.00 | 2.50\% | \$ 16,937.35 | \$ 16,937.35 | \$ - |
| 1835 | Overhead Conductors \& Devices | \$ 605,736.00 |  | \$ 605,736.00 | \$ 19,375.00 | \$ 615,423.50 | 60.00 | 1.67\% | \$ 10,257.06 | \$ 10,257.06 | -\$ 0.00 |
| 1840 | Underground Conduit | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | s |
| 1845 | Underground Conductors \& Devices | \$ 1,010,387.00 |  | \$ 1,010,387.00 | \$ 398,000.00 | \$ 1,209,387.00 | 35.00 | 2.86\% | \$ 34,553.91 | 34,553.91 | 0.00 |
| 1850 | Line Transformers | \$ 759,023.00 |  | \$ 759,023.00 | \$ 87,500.00 | \$ 802,773.00 | 40.00 | 2.50\% | \$ 20,069.33 | 20,069.30 | 0.03 |
| 1855 | Services (Overhead \& Underground) | \$ 188,212.00 |  | \$ 188,212.00 | \$ 4,000.00 | \$ 190,212.00 | 40.00 | 2.50\% | \$ 4,755.30 | \$ 4,755.26 | \$ 0.04 |
| 1860 | Meters | \$ |  | \$ |  | \$ | 25.00 | 4.00\% | S |  | S |
| 1860 | Meters (Smart Meters) | \$ 310,212.00 |  | \$ 310,212.00 | \$ 30,500.00 | \$ 325,462.00 | 15.00 | 6.67\% | \$ 21,697.47 | \$ 21,697.47 | 0.00 |
| 1905 | Land | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1908 | Buildings \& Fixtures | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | S |
| 1910 | Leasehold Improvements | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1915 | Office Furniture \& Equipment (10 years) | \$ 50,903.00 | \$ 7,592.64 | \$ 43,310.36 |  | \$ 43,310.36 | 10.00 | 10.00\% | \$ 4,331.04 | \$ 4,331.05 | -\$ 0.01 |
| 1915 | Office Furniture \& Equipment (5 years) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1920 | Computer Equipment - Hardware | \$ 26,037.00 | \$ 16,392.44 | \$ 9,644.56 |  | \$ 9,644.56 | 5.00 | 20.00\% | \$ 1,928.91 | 1,929.19 | -\$ 0.28 |
| 1920 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ |
| 1930 | Transportation Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1935 | Stores Equipment | \$ 4,320.00 | \$ 2,808.00 | \$ 1,512.00 |  | \$ 1,512.00 | 10.00 | 10.00\% | \$ 151.20 | 151.20 | \$ - |
| 1940 | Tools, Shop \& Garage Equipment | \$ 4,205.00 |  | \$ 4,205.00 |  | \$ 4,205.00 | 10.00 | 10.00\% | \$ 420.50 | 420.50 | \$ - |
| 1945 | Measurement \& Testing Equipment | \$ 4,281.00 | \$ 2,700.00 | \$ 1,581.00 |  | \$ 1,581.00 | 10.00 | 10.00\% | \$ 158.10 | 158.10 | \$ |
| 1950 | Power Operated Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1955 | Communications Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1955 | Communication Equipment (Smart Meters) | \$ |  | \$ |  | \$ |  | 0.00\% | \$ - | \$ | \$ - |
| 1960 | Miscellaneous Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ - |
| 1975 | Load Management Controls Utility Premises | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1980 | System Supervisor Equipment | \$ |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ |
| 1985 | Miscellaneous Fixed Assets | \$ |  | \$ |  | \$ |  | 0.00\% | + | \$ | \$ |
| 1995 | Contributions \& Grants | -\$ 560,963.00 | -\$160,000.00 | -\$ 400,963.00 |  | -\$ 400,963.00 | 40.00 | 2.50\% | -\$ 10,024.08 | 10,024.08 | 0.00 |
| etc. |  |  |  | \$ |  | \$ |  | 0.00\% | \$ | \$ | \$ - |
|  |  |  |  | \$ |  | \$ |  | 0.00\% | \$ |  | \$ |
|  | Total | \$ 3,496,052.00 | -\$111,642.38 | \$ 3,607,694.38 | \$ 634,595.00 | \$ 3,924,991.88 |  |  | \$ 132,428.36 | \$ 132,429.08 | -\$ 0.72 |

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General: Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Asset Retirement Obligations (AROs), depreciation and accretion expense should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Attachment 4 (of 4):
OEB Appendix 2-B - Fixed Assets 2013 OldCGAAP OEB Appendix 2-B - Fixed Assets 2013 NewCGAAP OEB Appendix 2-B - Fixed Assets 2014 OldCGAAP OEB Appendix 2-B - Fixed Assets 2014 NewCGAAP




(Request 3) Exhibit 8: Rate Design (section 2.11.9)
In order to preserve the OEB's formatting, a track changes version of CHE's current tariff showing proposed changes is being filed in conjunction with this document.

