File Number

## Exhibit 9

DEFERRAL AND VARIANCE ACCOUNTS

## Exhibit 9

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## EDDVAR Deferral and Variance Accounts

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## EDDVAR Deferral and Variance Accounts

Festival has followed the Board's guidance in the Accounting Procedures Handbook ("APH") and FAQs for recording amounts in the deferral and variance accounts. We have also followed the Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) (EB-2008-0046, July 31, 2009) for the disposition of these accounts. Festival has completed and included the Board's "2014_EDDVAR_Continuity_Schedule-CoS" spreadsheet at E9/T2/S2/Att1, which has been reconciled to the December 31, 2013 USOA trial balance as reported under 2.1.7 of the RRR reporting, and the Audited Financial Statements.

Festival, as part of its 2015 COS application, is requesting approval for the disposition of Group 1 and Group 2 Deferral and Variance accounts ("DVAs") based on the balances outstanding at December 31, 2013 and interest projected through to December 31, 2014.

In the table below is the list of outstanding deferral and variance accounts and sub-accounts at December 31, 2013. E9/T2/S2/Att1 details each of the accounts for which disposition is requested.

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| Summary of Deferral and Variance Accounts for 2015 COS ApplicatiPrincipal Balance |  |  | Interest Balance <br> Dec 31, 2013 | $\begin{gathered} \text { Total } \\ \text { Dec 31, } 2013 \\ \hline \end{gathered}$ | $\begin{gathered} 2014 \\ \text { Dispositions } \end{gathered}$ | 2014 Projected Interest | 2015 COS Claim | $\begin{aligned} & \text { Per 2.1.7 } \\ & \text { 31-Dec-13 } \end{aligned}$ |  | Continuation of Account |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Dec 31, 2013 |  |  |  |  |  |  |  |  |
| LV Variance Account | 1550 | 128,226 | 338 | 127,887 | - | 1,885 | 129,772 |  | 127,887 | Yes |
| RSVA - Wholesale Market Service Charge | 1580 | 2,290,273 | 70,186 | 2,360,459 | - | 33,667 | 2,394,126 |  | 2,360,459 | Yes |
| RSVA - Retail Transmission Network Charge | 1584 | 280,788 | 2,703 | 283,491 | - | 4,128 | 287,619 |  | 283,491 | Yes |
| RSVA - Retail Transmission Connection Charge | 1586 | 388,014 | 16,315 | 404,329 | - | 5,704 | 410,033 |  | 404,329 | Yes |
| RSVA - Power (excluding Global Adjustment) | 1588 | 220,717 | 7,424 | 213,293 | - | 3,245 | 216,538 |  | 213,293 | Yes |
| RSVA - Global Adjustment | 1589 | 1,004,195 | 51,814 | 1,056,009 | - | 14,762 | 1,070,771 |  | 1,056,009 | Yes |
| Recovery of Regulatory Asset Balances | 1590 | 94,824 | 46,558 | 48,266 | - | 1,394 | 49,659 |  | 48,266 | Yes |
| Smart Meter Entity Charge Variance Account | 1551 | 15,533 | 137 | 15,670 | - | 228 | 15,898 |  | 15,670 | Yes |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 |  | - | - |  | - | - |  | - |  |
| Disposition and Recovery/Refund of Regulatory Balances (2010) | 1595 | 191,884 | 120,251 | 312,135 | 254,512 | - | 57,623 |  | 312,135 | No |
| Disposition and Recovery/Refund of Regulatory Balances (2012) | 1595 | - | 1,640 | 1,640 |  | - | 1,640 |  | 1,640 | No |
| Total of Group 1 Accounts (excluding 1589) |  | -\$349,860 | -\$172,148 | -\$522,009 |  | -\$2,322 | 269,819 |  | -\$522,009 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Other Regulatory Assets - Sub-Account - Deferred IFRS Transitior | 1508 | \$109,628 | \$3,770 | 113,398 | - | 1,612 | 115,010 |  | 113,398 | Yes |
| Other Regulatory Assets - Sub-Account - Incremental Capital Cha | 1508 | \$2,157 | \$113 | 2,269 |  | 32 | 2,301 |  | 2,269 | No |
| Other Regulatory Assets - Sub-Account - Other - ICM Rate Rider | 1508 | \$15,036,188 | \$17,623 | 15,053,811 | 15,053,811 | - | 0 |  | 15,053,811 | No |
| Retail Cost Variance Account - Retail | 1518 | -\$51,066 | -\$2,363 | 53,429 | - | 751 | 54,180 |  | 53,429 | Yes |
| Misc. Deferred Debits - 2010 Rate Application Costs | 1525 | 12,000 | 3,725 | 15,725 | 12,000 | - | 3,725 |  | 15,725 | No |
| Retail Cost Variance Account - STR | 1548 | 1,367 | 46 | 1,413 | - | 20 | 1,433 | - | 1,413 | Yes |
| Other Deferred Credits | 2405 | 45,209 | - | 45,209 | - | - | 45,209 |  | 45,209 | No |
| Total of Group 2 Accounts |  | \$15,152,749 | \$22,822 | \$15,175,571 | -\$15,065,811 | \$872 | 110,632 |  | \$15,175,570 |  |
| PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs) | 1592 |  |  |  |  |  |  |  |  |  |
| Total of Account 1562 and Account 1592 |  | -\$159,506 | -\$5,083 | -\$164,589 | -\$37,211 | \$0 | -\$164,589 |  | -\$127,377 | No |
| LRAM Variance Account | 1568 | \$173,425 | \$2,401 | \$175,826 | \$54,271 | \$2,484 | \$178,310 |  | \$121,555 | Yes |
|  |  |  |  |  |  |  |  |  |  |  |
| IFRS-CGAAP Transition PP\&E Amounts Balance + Return Compd | 1575 | 696,846 | - | 696,846 | 826,853 | 190,462 | 1,714,161 | - | 696,846 | Yes |
| Accounting Changes Under CGAAP Balance + Return Componer | 1576 | - | - | - | - | - | - |  | - |  |
| Total Balance Allocated to each class for Accounts 1575 and 1576 |  | - 696,846 | - | 696,846 | 826,853 | 190,462 | 1,714,161 |  | 696,846 |  |


| Smart Meter Capital and Recovery Offset Variance - Sub-Account | 1555 | \$0 | \$0 | \$0 | \$234,537 | \$0 | \$234,537 | \$0 | No |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | ICM Rate Rider Claim |  | 326,336.00 |  |  |
|  |  |  |  |  | Total Claim |  | -1,298,753.69 |  |  |
|  |  |  | Total balances being reported Dec 31, 2013 on RRR 2.1.7 |  |  |  |  | 13,950,893.36 |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Reconciliation to Audit Financial Statements: |  |  |  |  |  |  |  |  |
|  | Balance per Audit Financial Statements at December 31, 2013 |  |  |  | 11,841,146.00 |  |  |  |  |
|  | Add: Future income tax payable |  |  |  | 2,109,748.00 |  |  |  |  |
|  | Total per Continuity Schedule at Dec 31, 2013 |  |  |  | 13,950,894.00 |  |  |  |  |
|  | (also as reported on Dec 31, 2013 RRR 2.1.7) |  |  |  |  |  |  |  |  |

2015 COS Application
Festival Hydro Inc
Application

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Group 1 Accounts were last disposed of as part of the 2010 COS application, with disposition of balances as of Dec 31, 2008 plus projected interest. In each year of the 2011 to 2014 IRM filings, the net Group 1 Account Balances did not equal or exceed the threshold levels and as such the balances being claimed represent the net transactions for the period January 1, 2009 to December 31, 2013 plus projected interest to December 31, 2014.

Group 2 accounts were last disposed of as part of the 2010 COS proceeding. The balances being requested for disposition as part of this proceeding represent net transactions for the period January 1, 2009 to December 31, 2013, included carrying charges and with projected interest to December 31, 2014.

Festival has not made any adjustments to DVA balances that were previously approved by the Board for disposition on a final basis in previous COS or IRM proceedings.

Carrying charges have been calculated at the Board's prescribed rates, on monthly opening principal balances, in accordance with the APH. The prescribed rate of $1.47 \%$ for the first quarter of 2014 was used to calculate forecasted carrying charges for the remainder of 2014, as there are no major interest changes expected from the Bank of Canada in 2014.

Provided below are the proposed rate riders commencing January 1, 2015. Because of the planned harmonization of residential rates, the Residential and Residential Hensall customer numbers and kWh were added together when calculating the rate riders in order to determine one rate rider applicable to all residential customers.

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

Rate Rider Calculation for RSVA - Power - Global Adjustment

| Rate Class <br> (Enter Rate Classes in cells below) | Units |
| :--- | :--- | :--- | :--- | :---: |



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Rate Rider Calculation for Accounts 1575 and 1576

Please indicate the Rate Rider Recovery Period (in years) 2


## Rate Rider Calculation for Smart Meter Stranded Assets

Please indicate the Rate Rider Recovery Period (in years) $\quad 1$

| Rate Class <br> (Enter Rate Classes in cells below) | Units | kW / kWh / \# of Customers | Allocation factor** | Rate Rider for Accounts 1575 and 1576 | Monthly Fixed Rate Rider (per customer per month) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | \# of Customers | 18,224 | 84.1\% | 197,245.62 | 0.9019 |
| General service < 50 kW | \# of Customers | 2,029 | 15.9\% | 37,291.38 | 1.5316 |
|  |  | - |  | - | - |
|  |  | - |  | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
|  |  | - | \$ | - | - |
| ** Allocation factor based on 2012 A | ed Smart Meter | - |  | - | - |
| Incremental Revenue Requirement Rate Rider ("SMIRR") |  | - |  | - | - |
|  |  | - |  | - | - |
| Total |  |  | \$ 1 | 234,537.00 |  |



Date Filed:


In addition to recovery of Group 1 and Group 2 accounts, Festival proposes three additional rate riders to be effective January 1 2015:

- Account 1575 - IFRS Transitional PP \& E amounts - Festival is proposing the return of $\$ 1,714,161$ to customers over a two year period arising from the PP \& E accounting changes on the transition to MIFS.
- To recover the balance of $\$ 234,537$ in Account 1555 - Sub-Account - Stranded Meters, over a period of one year, from Jan 1, 2015 to Dec 31, 2015, by means of the customer specific rate riders of $\$ 0.90$ per month for residential customers and $\$ 1.53$ per month for GS<50 customers. Full details are contained in E9/T1/S3.
- Festival also has applied for further recovery of $\$ 326,336$ through a new ICM Rate Rider. As part of the 2013 IRM proceeding, Festival had requested and was approved an ICM Rate Rider to fund the costs of constructing a Transformer Station. As a result of the true up process, Festival is requesting approval for a new ICM rate rider to recover the shortfall, as further explained later in Exhibit 9.

It should be noted that Festival's Application for Final Disposition of Smart Meter Costs was approved in 2012 with two distinct rate riders for residential and GS<50 kW customers which were effective November 1, 2012. Stranded meters are the only component of smart metering yet to be recovered.

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## Review of Accounts by the OEB - March 2013

The OEB completed a review of Festival Hydro's Group 2 DVA Accounts 1508 and 1525 with the audit being completed in March 2013. There were three findings noted by the Board. Since Festival's external audit of its 2012 Financial Statements was not complete at that time, Festival made all applicable changes to its general ledger effective December 31, 2012. The changes were also reflected on Festival's December 31, 2012 USOA trial balance filed under 2.2.7 of RRR filing requirements. The final report is attached.

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## Attachment 1 of 2

## EDDVAR Continuity Schedule



## Deferral/Variance Account Workform

## for 2014 Filers



General Notes

1. Please ensure that your macros have been enabled. (Tools -> Macro -> Security)
2. Due to the time lag of deferral/variance account dispositions, this model assumes that all opening balances include previously disposed of amounts. Accordingly, all "Board Approved Dispositions" are deducted from the opening balance.
3. Please provide information in this model since the last time your balances were disposed.
4. For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related Board decision.

Notes
$\square$ Pale green cells represent input cells.Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
$\square$ White cells contain fixed values, automatically generated values or formulae.

[^0] of this
above.





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|  |  | 2008 |  |  |  |  |  | 2009 |  |  |  |  |  |  |  |  |  | 2010 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account Descriptions | Acouent Nomber |  |  | det |  |  | cose |  |  | $\begin{aligned} & \text { Board-Approved } \\ & \text { Disposition during } \\ & 2009 \end{aligned}$ |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Transactions Debit/ } \\ & \text { (Credit) during } 2010 \\ & \text { excluding interest and } \\ & \text { adjustments }{ }^{3} \end{aligned}$ | $\begin{aligned} & \text { Board-Approved } \\ & \text { Disposition during } \\ & 2010 \end{aligned}$ | justments during 2010 - other ${ }^{2}$ |  |  | est Jan-1 to |  |  |  |
| Group 1 Accounts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\underset{\substack{1580 \\ 1580}}{ }$ |  | so |  |  |  | cise |  | ¢ |  |  | .5.50,140 |  |  |  |  | S. | S. 5 S0, 1.700 | Stiteso |  |  |  | , |  |  |  | 56ers |
|  | ${ }_{\substack{1588 \\ 1588}}$ | ciseme | \% |  |  | \% | cose | cosme | Scemes |  |  | cismex | cosis | coss |  |  | cosis | , | six |  |  | cosem | cishitize | S39917 |  |  |  |
|  | ${ }_{1088}^{1589}$ | comes | so |  |  | Sis | cis |  | cise |  |  | cose |  |  |  |  |  |  | coicle |  |  | cosis |  |  |  |  |  |
|  | ${ }_{1}^{1550}$ | ${ }^{394,385}$ | so |  |  |  | 込 | ${ }_{\text {cosem }}$ |  |  |  | cose |  | s.0.19 |  |  | 55,480 |  |  |  |  | cose | -5i.aso | ${ }_{\text {sfise }}$ |  |  |  |
|  |  | $\$ 36,083$ $\$ 0$ | so |  |  | 53.38 |  | $\$ 36,083$ $\$ 0$ |  |  |  |  |  | \$116 |  |  | $\underset{\substack{33740 \\ \text { so }}}{\substack{\text { cos }}}$ | $\$ 36,083$ \$0 | se8,299 |  |  |  | $\$ 3,744$ $\$ 0$ | ${ }_{\text {S1205 }}^{\text {S305 }}$ | satres |  | 520 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group 1 Sub-Total (including Account 1589 - Global Adiustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment | 1589 |  | $\begin{aligned} & \text { son } \\ & 500 \\ & 50 \end{aligned}$ | $\begin{gathered} \text { so } \\ 50 \\ 50 \end{gathered}$ | $\begin{gathered} \substack{50 \\ 50 \\ 50} \\ \hline \end{gathered}$ | $\begin{array}{r} \mathbf{\$ 1 3 6 , 2 7 0} \\ -\$ 150,660 \\ \$ 14,390 \end{array}$ |  |  |  | $\begin{gathered} 50 \\ 50 \\ 50 \end{gathered}$ | $\begin{gathered} \text { so } \\ \text { son } \\ 50 \end{gathered}$ |  |  |  | $\begin{gathered} \text { sin } \\ 500 \\ 50 \end{gathered}$ | $\begin{gathered} \text { so } \\ \substack{30 \\ 50} \end{gathered}$ |  |  |  |  | $\begin{gathered} \text { so } \\ \text { so } \\ 50 \end{gathered}$ |  |  |  |  | som | cis |
| Group 2 Accounts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ${ }_{\substack{\text { sin } \\ \text { sio }}}$ |  |  |  |  |  | suen |  |  |  | $\$ 13,786$ $\$ 33,693$ $\$ 0$ |  |  |  |  |  |  |  |  | 5is |  | ¢ |  |  | ¢0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (en |  | ssicico | ¢ |  |  | s2154 |  | , sis |  |  |  |  | ${ }_{\text {S2, }}^{\text {sis }}$ S0 | . 517 |  |  |  | s.ing |  | 557,00 |  |  |  | ${ }_{\text {ckis }}^{330}$ | S2914 |  |  |
|  | $\underset{\substack{1535 \\ 1532}}{ }$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ser |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\underset{\substack{1838 \\ 2050}}{198}$ | s18, ${ }^{\text {sio }}$ | so |  |  |  | ${ }_{\substack{50}}^{50}$ | 8,10 | 551.59 |  |  | sc3, ${ }^{\text {sio }}$ | so |  |  |  | so | 5s3.49 | s11,780 |  |  | S65.509 | (80) |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{\substack{1562 \\ 1592}}$ | ${ }^{1226,029}$ | \$136,037 | ${ }_{55} 517$ |  |  | ${ }^{5141.054}$ | \$126, $\mathbf{c}^{29}$ |  |  |  | \$12,029 | St14,054 | 51,34 |  |  | S142,488 | S126,029 |  |  |  | s128,029 | \$1424.488 | st.005 |  |  | ${ }^{\text {s14,3988 }}$ |
|  | 1592 | so | so |  |  |  | So | ${ }_{\text {so }}^{50}$ |  |  |  | so | so |  |  |  | so | so |  |  |  | ${ }^{\text {so }}$ | So |  |  |  |  |
|  |  | 12366 | s18, $0^{3} 7$ | 55.017 | so | 897,80 | S50,14 | s, 1.82 2,36 | sse0,58 | so | so | S1,00, 38 | ss3,194 | s10.591 | so | so | \$22683 | \$1,30:328 | \$1899.00 | 9,337,312 | so | s,409,28 | \$22613 | \$1, 3 ,64 | s29723 | so | 528,97 |
| Lran Vatanco Account ${ }^{1568}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Toal inauding Account 1 SEs |  | s.1822966 | \$136,037 | \$5.017 | so | S87,80 | , 194 | s,1923.368 | sso.,5s | \$0 | so | S1.301:28 |  | . 810.59 | \$0 | so | \$2263 | s,1301,98 | 5189,90 | \$1,37323 | so | st,96.28 | \$26613 | \$13,64 | s22073 | so |  |
|  | $\underbrace{1,155}_{1555}$ | so | so |  |  |  |  | 50 |  |  |  |  | so |  |  |  |  |  |  |  |  | so | ¢0 |  |  |  |  |
|  | $\underset{\substack{1555 \\ 1558}}{ }$ | so | 50 |  |  |  | ${ }_{80}$ | so |  |  |  | so |  |  |  |  | sol | so |  |  |  | (in |  |  |  |  |  |
|  | ${ }_{\substack{1575 \\ 1575}}^{10}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{158}^{1589}$ | ${ }^{1228,029}$ | ${ }^{50}$ |  |  |  | ${ }^{50}$ | 5120,29 |  |  |  |  | ${ }^{\text {so }}$ |  |  |  | ${ }^{50}$ | s128,029 |  |  |  | s178,029 | ${ }^{\text {so }}$ |  |  |  | ${ }^{50}$ |
| Ster | ${ }_{1595}$ | sol | so |  |  |  | S00 | ${ }_{\text {s }}^{50}$ |  |  |  | ${ }_{50}^{50}$ | so |  |  |  | col | ${ }_{\substack{50 \\ \text { so }}}$ |  | s2006 274 | so | , 19.908 | (50 | ${ }_{\text {S120s }}$ | S6313 |  |  |



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## Deferral/Variance Account Workform

 for 2014 FilersAccounts that produced a variance on the 2014 continuity schedule are listed below.
Please provide a detailed explanation for each variance below.



In the green shaded cells, enter the most recent Board Approved volumetric forecast. If there is a material difiference between the latest Board-approved volumetric forecast and the
most reeent 12 -month actual volumetric data, use the emost recent 12 -month

| Rate Class | Units | \# of Customers | Metered kWh | Metered kW | Billed kWh for NonRPP Customers | $\begin{aligned} & \text { Estimated kW for } \\ & \text { Non-RPP } \\ & \text { Customers } \end{aligned}$ | Distribution <br> Revenue ${ }^{1}$ | 1590 Recovery Share Proportion | 1595 Recovery Share Proportion (2008) ${ }^{2}$ | 1595 Recovery Share Proportion (2009) | 1595 Recovery Share Proportion (2010) ${ }^{2}$ | 1595 Recovery Share Proportion (2012) ${ }^{2}$ | 1568 LRAM Variance <br> Account Class <br> Allocation <br> (\$ amounts) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }_{\text {kWWh }}$ | 18,224 | 140,900,799 | - | 14,633,331 |  | 6,220,349 |  |  |  | 57.0\% | 57.0\% | 31,880 <br> 30,718 |
| Ceneral Senicee 50 kW | kWh | 2.029 | $64,179,620$ 361832480 |  | $14,307,441$ $357,737,164$ |  | - ${ }^{1,825,4.437}$ |  |  |  | 17.1\% | 17.1\% |  |
|  |  | 227 1 | $361,882,480$ $22,191,326$ | 944,456 34,360 | $357,737,164$ $21,975,629$ | 933,766 34,026 | $2,725,843$ $-\quad-157830$ |  |  |  | 21.5\% 3.1 \% | ${ }_{3}^{21.5 \%}$ | 53,347 7,361 |
| Uninelered Scatiered Load (par conneolion) | kWh | 227 | 660,967 |  | 382,030 |  | 27,538 |  |  |  | 0.3\% |  |  |
| -ntinel Lighting (per comeoction) |  |  | 150,156 | ${ }^{356}$ |  |  | 5,308 |  |  |  | 0.1\% | 0.1\% |  |
| Street Lighting (per light) | kW | 6.626 | 4,559,343 | 11,995 | 4,217,011 | 11,094 | i29, 105 |  |  |  | 1\% | .0\% |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | . |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | - |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | \% |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | . |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 27,375 | 594,474,691 | 991,167 | 413,252,606 | 978,887 | 11,091,409 | 0\% | 0\% | 0\% | 100\% | 100\% |  |

${ }^{1}$ For Account 1562 , the allocation to customer classes should be performed on the basis of the test year distribution revenue allocation to customer classes found in the
Applicant's Cost of Service application that was most recently approved at the time of disposition of the 1562 account balances
${ }^{2}$ Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

## */f <br> $\frac{2}{2}$ <br> Deferral/Variance Account Workform <br> for 2014 Filers

|  |  | Amounts from Sheet 2 | Allocator | Residential | \#REF! | General Service < 50 kW | General Service > $\mathbf{5 0}$ to 4999 kW | Large Use | Unmetered Scattered Load (per connection) | Sentinel Lighting (per connection) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LV Variance Account | 1550 | 129,772 | kWh | 30,758 | 0 | 14,010 | 78,987 | 4,844 | 144 | 33 |
| RSVA - Wholesale Market Service Charge | 1580 | (2,394,126) | kWh | (567,449) | 0 | (258,470) | (1,457,207) | (89,371) | 2,662) | 605) |
| RSVA - Retail Transmission Network Charge | 1584 | 287,619 | kWh | 68,171 | 0 | 31,051 | 175,062 | 10,737 | 320 | 73 |
| RSVA - Retail Transmission Connection Charge | 1586 | 410,033 | kWh | 97,185 | 0 | 44,267 | 249,570 | 15,306 | 456 | 104 |
| RSVA - Power (excluding Global Adjustment) | 1588 | 216,538 | kWh | 51,323 | 0 | 23,377 | 131,798 | 8,083 | 241 | 55 |
| RSVA - Global Adjustment | 1589 | 1,070,771 | Non-RPP kWh | 37,916 | 0 | 37,072 | 926,926 | 56,941 | 990 | 0 |
| Recovery of Regulatory Asset Balances | 1590 | 49,659 | ${ }_{\text {kWh }}$ | 11,770 | 0 | 5,361 | 30,226 | 1,854 | 55 | ${ }^{13}$ |
| Smart Meter Entity Charge Variance Account | 1551 | 15,898 | kWh | 3,768 | 0 | 1,716 | 9,677 | 593 | 18 | 4 |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 | 0 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2010) | 1595 | (57,623) | kWh | (32,817) | 0 | (9,867) | (12,370) | (1,775) | (189) | (39) |
| Disposition and Recovery/Refund of Regulatory Balances (2011) | 1595 | 1,640 | kWh | 934 | 0 | 281 | 352 | 51 | 5 | 1 |
| Total of Group 1 Accounts (excluding 1589) |  | (1,340,589) |  | $(336,357)$ | 0 | (148,273) | (793,905) | $(49,678)$ | (1,612) | (362) |
| Other Regulatory Assets - Sub-Account - OEB Cost Assessments | 1508 | (0) |  | (0) | 0 | (0) | (0) | (0) | (0) | (0) |
| Other Regulatory Assets - Sub-Account - Pension Contributions | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs | 1508 | 115,010 | Distribution Rev. | 64,501 | 0 | 18,928 | 28,265 | 1,637 | 286 | 55 |
| Other Regulatory Assets - Sub-Account - Incremental Capital Charges | 1508 | 2,301 | Distribution Rev. | 1,290 | 0 | 379 | 566 | 33 | 6 | 1 |
| Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Financial Assistance Payment and |  |  |  |  |  |  |  | 0 | 0 |  |
| Recovery Carrying Charges | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Other | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Retail Cost Variance Account - Retail | 1518 | (54, 180) | \# of Customers | (36,068) | 0 | (4,016) | (449) | (2) | 449) | 81) |
| Misc. Deferred Debits | 1525 | 3,725 | Distribution Rev. | 2,089 | 0 | 613 | 915 | 53 | 9 | 2 |
| Renewable Generation Connection Capital Deferral Account | 1531 <br> 1532 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection OM\&A Deferral Account | 1532 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection Funding Adder Deferral Account | 1533 <br> 1534 <br> 15 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid OM\&A Deferral Account | 1535 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid Funding Adder Deferral Account | 1536 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Retail Cost Variance Account - STR | 1548 | (1,433) | \# of Customers | (954) | 0 | (106) | (12) | (0) | (12) | (2) |
| Board-Approved CDM Variance Account | 1567 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Extra-Ordinary Event Costs | 1572 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Deferred Rate Impact Amounts | 1574 | 0 |  | , | 0 | 0 | , | 0 | 0 | 0 |
| RSVA - One-time | 1582 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Deferred Credits | 2405 | 45,209 | Distribution Rev. | 25,354 | 0 | 7,441 | 11, 111 | 643 | 112 | 22 |
| Total of Group 2 Accounts |  | 110,633 |  | 56,212 | 0 | 23,239 | 40,395 | 2,364 | (48) | (4) |
| Deferred Payments in Lieu of Taxes | 1562 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account) | 1592 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PILs and Tax Variance for 2006 and Subsequent Years -Sub-Account HST/OVAT Input Tax Credits (ITCs) | 1592 | (164,589) | Distribution Rev. | $(92,306)$ | 0 | $(27,088)$ | $(40,450)$ | $(2,342)$ | (409) | (79) |
| Total of Account 1562 and Account 1592 |  | (164,589) |  | $(92,306)$ | 0 | (27,088) | $(40,450)$ | (2,342) | (409) | (79) |
|  |  | 178,310 |  | $\square \quad 48,515$ |  | - 34,641 | 74,994 | $\square \quad 20,160$ |  |  |
|  |  | 178,310 <br> (0) |  |  |  |  |  |  |  |  |


| Total Balance Allocated to each class (excluding 1589) |  | $(1,216,236)$ |  | (323,936) | 0 | (117,481) | (718,966) | (29,497) | $(2,069)$ | (445) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Balance Allocated to each class from Account 1589Total Balance Allocated to each class (including 1589) |  | 1,070,771 |  | 37,916 | 0 | 37,072 | 926,926 | 56,941 | 990 | 0 |
|  |  | $(145,465)$ |  | (286,020) | 0 | $(80,409)$ | 207,960 | 27,444 | $(1,079)$ | (445) |
| IFRS-CGAAP Transition PP\&E Amounts Balance + Return Component | 1575 | (1,714, 161) | kWh | (406,286) | 0 | (185,061) | (1,043,340) | 3,988) | ,906) | 433) |
|  | 1576 | 0 |  |  | 0 | 0 |  | 0 | 0 | - |
| Total Balance Allocated to each class for Accounts 1575 and 1576 |  | $(1,714,161)$ |  | $(406,286)$ | 0 | (185,061) | (1,043,340) | $(63,988)$ | $(1,906)$ | (433) |


|  |  | Amounts from Sheet 2 | Allocator | Street Lighting (per light) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LV Variance Account | 1550 | 129,772 | kWh | 995 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | (2,394,126) | kWh | (18,362) | 0 | 0 | 0 | 0 | 0 |
| RSVA - Retail Transmission Network Charge | 1584 | 287,619 | kWh | 2,206 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Retail Transmission Connection Charge | 1586 | 410,033 | kWh | 3,145 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Power (excluding Global Adjustment) | 1588 | 216,538 | kWh | 1,661 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Global Adjustment | 1589 | 1,070,771 | Non-RPP kWh | 10,927 | 0 | 0 | 0 | 0 | 0 |
| Recovery of Regulatory Asset Balances | 1590 | 49,659 | kWh | 381 | 0 | 0 | 0 | 0 | 0 |
| Smart Meter Entity Charge Variance Account | 1551 | 15,898 | kWh | 122 | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 | 0 | kWh | 0 | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recover//Refund of Regulatory Balances (2010) | 1595 | (57,623) | kWh | (566) | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2011) | 1595 | 1,640 | kWh | 16 | 0 | 0 | 0 | 0 | 0 |
| Total of Group 1 Accounts (excluding 1589) |  | $(1,340,589)$ |  | (10,402) | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - OEB Cost Assessments | 1508 | (0) |  | (0) | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Pension Contributions | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs | 1508 | 115,010 | Distribution Rev. | 1,339 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Incremental Capital Charges | 1508 | 2,301 | Distribution Rev. | 27 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Financial Assistance Payment and |  |  |  |  |  |  |  |  |  |
| Recovery Carrying Charges | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Other | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Retail Cost Variance Account - Retail | 1518 | (54, 180 ) | \# of Customers | (13,114) | 0 | 0 | 0 | 0 | 0 |
| Misc. Deferred Debits | 1525 | 3,725 | Distribution Rev. | 43 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection Capital Deferral Account | 1531 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection OM\&A Deferral Account | 1532 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection Funding Adder Deferral Account | 1533 |  |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid Capital Deferral Account | 1534 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid OM\&A Deferral Account | 1535 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid Funding Adder Deferral Account | 1536 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Retail Cost Variance Account - STR | 1548 | (1,433) | \# of Customers | (347) | 0 | 0 | 0 | 0 | 0 |
| Board-Approved CDM Variance Account | 1567 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Extra-Ordinary Event Costs | 1572 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Deferred Rate Impact Amounts | 1574 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - One-time | 1582 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Deferred Credits | 2405 | 45,209 110,633 | Distribution Rev. | ${ }^{526}$ | 0 | 0 | 0 | 0 | 0 |
| Total of Group 2 Accounts |  | 110,633 |  | (11,526) | 0 | 0 | 0 | 0 | 0 |
| Deferred Payments in Lieu of Taxes | 1562 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account) | 1592 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 |
| PILs and Tax Variance for 2006 and Subsequent Years -Sub-Account HST/OVAT Input Tax Credits (ITCs) | 1592 | (164,589) | Distribution Rev. | $(1,916)$ | 0 | 0 | 0 | 0 | 0 |
| Total of Account 1562 and Account 1592 |  | $(164,589)$ |  | $(1,916)$ | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Total Balance Allocated to each class (excluding 1589) |  | (1,216,236) |  | (23,843) | 0 | 0 | 0 | 0 | 0 |
| Total Balance Allocated to each class from Account 1589 Total Balance Allocated to each class (including 1589) |  | 1,070,771 |  | $10,927$ | 0 | 0 | 0 | 0 | 0 |
|  |  | $(145,465)$ |  | (12,917) | 0 | 0 | 0 | 0 | 0 |
| IFRS-CGAAP Transition PP\&E Amounts Balance + Return Component Accounting Changes Under CGAAP Balance + Return Component | ${ }^{1575}$ | (1,714,161) | kWh | (13, 147) | 0 | 0 | 0 | 0 | 0 |
|  |  | 0 | kWn | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Balance Allocated to each class for Accounts 1575 and 1576 | 1576 | (1,714,161) |  | $(13,147)$ | 0 | 0 | 0 | 0 | 0 |

$(2,930,397)$

|  |  | Amounts from Sheet 2 | Allocator |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LV Variance Account | 1550 | 129,772 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | (2,394,126) | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Retail Transmission Network Charge | 1584 | 287,619 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Retail Transmission Connection Charge | 1586 | 410,033 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Power (excluding Global Adjustment) | 1588 | ${ }^{216,538}$ | ${ }_{\text {kWh }}^{\text {knemp }}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - Global Adjustment | $\stackrel{1589}{159}$ | 1,070,771 | $\frac{\text { Non-RPP } \mathrm{kWh}}{\mathrm{kWh}}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Recovery of Regulatory Asset Balances | 1590 | 49,659 | $\frac{\mathrm{kWh}}{\mathrm{kWh}}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 | 0 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2010) | 1595 | (57,623) | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disposition and Recovery/Refund of Regulatory Balances (2011) | 1595 | 1,640 | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total of Group 1 Accounts (excluding 1589) |  | $(1,340,589)$ |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - OEB Cost Assessments | 1508 | (0) |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Pension Contributions | ${ }^{1508}$ | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs | 1508 | 115,010 | Distribution Rev. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Incremental Capital Charges | 1508 | 2,301 | Distribution Rev. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act | 1508 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Regulatory Assets - Sub-Account - Financial Assistance Payment and |  | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Recovery Carrying Charges | 1508 |  |  |  |  |  |  |  |  |  |
| Other Regulatory Assets - Sub-Account - Other | 1508 1518 | (54,180) | \# of Customers | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Misc. Deferred Debits | 1525 | 3,725 | Distribution Rev. | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Renewable Generation Connection Capital Deferral Account | 1531 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection OM\&A Deferral Account | 1532 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Generation Connection Funding Adder Deferral Account | ${ }_{1533}^{1534}$ | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid Capital Deferral Account | 1534 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Smart Grid Funding Adder Deferral Account | 1536 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Retail Cost Variance Account - STR | 1548 | (1,433) | \# of Customers | 0 | O | 0 | 0 | 0 | 0 | 0 |
| Board-Approved CDM Variance Account | 1567 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Extra-Ordinary Event Costs | 1572 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Deferred Rate Impact Amounts | 1574 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSVA - One-time | 1582 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Deferred Credits | 2405 | 45,209 | Distribution Rev. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total of Group 2 Accounts |  | 110,633 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Deferred Payments in Lieu of Taxes | 1562 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account) | 1592 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PLLs and Tax Variance for 2006 and Subsequent Years -Sub-Account HST/OVAT Input Tax Credits (ITCs) | 1592 | (164,589) | Distribution Rev. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total of Account 1562 and Account 1592 |  | $(164,589)$ |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LRAM Variance Account (Enter dollar amount for each class) 1568 178,310 |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { (Account } 1568 \text { - total amount allocated to classes) } \\ & \text { Variance } 178,310 \\ &(0)\end{aligned}$ |  |  |  |  |  |  |  |  |  |  |
| Total Balance Allocated to each class (excluding 1589) |  | $(1,216,236)$ |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 1,070,771 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Balance Allocated to each class (including 1589) |  | $(145,465)$ |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IFRS-CGAAP Transition PP\&E Amounts Balance + Return Component |  | (1,714, 161) | kWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accounting Changes Under CGAAP Balance + Return Component | 157 | $\frac{0}{(1,714,161)}$ |  | 0 | 0 | 0 |  | 0 | 0 | 0 |

$(2,930,397)$


Deferral/Variance Account Workform for 2014 Filers

Please indicate the Rate Rider Recovery Period (in years)


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



| Summary of Deferral and Variance Accounts for 2015 COS A | lication | Principal Balance <br> Dec 31, 2013 | Interest Balance Dec 31, 2013 | $\begin{gathered} \text { Total } \\ \text { Dec 31, } 2013 \\ \hline \end{gathered}$ | $2014$ <br> Dispositions | 2014 Projected Interest | 2015 COS Claim | $\begin{aligned} & \text { Per 2.1.7 } \\ & \text { 31-Dec-13 } \end{aligned}$ | Continuation of Account |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LV Variance Account | 1550 | 128,226 | 338 | 127,887 | - | 1,885 | 129,772 | 127,887 | Yes |
| RSVA - Wholesale Market Service Charge | 1580 | 2,290,273 | 70,186 | 2,360,459 | - | 33,667 | 2,394,126 | 2,360,459 | Yes |
| RSVA - Retail Transmission Network Charge | 1584 | 280,788 | 2,703 | 283,491 | - | 4,128 | 287,619 | 283,491 | Yes |
| RSVA - Retail Transmission Connection Charge | 1586 | 388,014 | 16,315 | 404,329 | - | 5,704 | 410,033 | 404,329 | Yes |
| RSVA - Power (excluding Global Adjustment) | 1588 | 220,717 | 7,424 | 213,293 |  | 3,245 | 216,538 | 213,293 | Yes |
| RSVA - Global Adjustment | 1589 | 1,004,195 | 51,814 | 1,056,009 | - | 14,762 | 1,070,771 | 1,056,009 | Yes |
| Recovery of Regulatory Asset Balances | 1590 | 94,824 | 46,558 | 48,266 | - | 1,394 | 49,659 | 48,266 | Yes |
| Smart Meter Entity Charge Variance Account | 1551 | 15,533 | 137 | 15,670 | - | 228 | 15,898 | 15,670 | Yes |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 | - | - | - |  | - | - | - |  |
| Disposition and Recovery/Refund of Regulatory Balances (2010) | 1595 | 191,884 | 120,251 | 312,135 | 254,512 | - | 57,623 | 312,135 | No |
| Disposition and Recovery/Refund of Regulatory Balances (2012) | 1595 | - | 1,640 | 1,640 | - | - | 1,640 | 1,640 | No |
| Total of Group 1 Accounts (excluding 1589) |  | -\$349,860 | -\$172,148 | -\$522,009 |  | -\$2,322 | - 269,819 | -\$522,009 |  |
| Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Co | 1508 | \$109,628 | \$3,770 | 113,398 | - | 1,612 | 115,010 | 113,398 | Yes |
| Other Regulatory Assets - Sub-Account - Incremental Capital Charges | 1508 | \$2,157 | \$113 | 2,269 | - | 32 | 2,301 | 2,269 | No |
| Other Regulatory Assets - Sub-Account - Other - ICM Rate Rider | 1508 | \$15,036,188 | \$17,623 | 15,053,811 | 15,053,811 | - | 0 | 15,053,811 | No |
| Retail Cost Variance Account - Retail | 1518 | -\$51,066 | -\$2,363 - | 53,429 | - | 751 | 54,180 | 53,429 | Yes |
| Misc. Deferred Debits - 2010 Rate Application Costs | 1525 | 12,000 | 3,725 | 15,725 | 12,000 | - | 3,725 | 15,725 | No |
| Retail Cost Variance Account - STR | 1548 | 1,367 | 46 | 1,413 | - | 20 | 1,433 | 1,413 | Yes |
| Other Deferred Credits | 2405 | 45,209 | - | 45,209 | - | - | 45,209 | 45,209 | No |
| Total of Group 2 Accounts |  | \$15,152,749 | \$22,822 | \$15,175,571 | -\$15,065,811 | \$872 | 110,632 | \$15,175,570 |  |
| PILs and Tax Variance for 2006 and Subsequent Years -Sub-Account HST/OVAT Input Tax Credits (ITCs) | 1592 |  |  |  |  |  |  |  |  |
| Total of Account 1562 and Account 1592 |  | -\$159,506 | -\$5,083 | -\$164,589 | -\$37,211 | \$0 | -\$164,589 | -\$127,377 | No |
| LRAM Variance Account | 1568 | \$173,425 | \$2,401 | \$175,826 | \$54,271 | \$2,484 | \$178,310 | \$121,555 | Yes |
|  |  |  |  |  |  |  |  |  |  |
| IFRS-CGAAP Transition PP\&E Amounts Balance + Return Componen | 1575 | 696,846 | - - | 696,846 | 826,853 | 190,462 | 1,714,161 | 696,846 | Yes |
| Accounting Changes Under CGAAP Balance + Return Component | 1576 | - | - | - | - | - | - | - |  |
| Total Balance Allocated to each class for Accounts 1575 and 1576 |  | 696,846 | - - | 696,846 | 826,853 | 190,462 | 1,714,161 | 696,846 |  |
| Smart Meter Capital and Recovery Offset Variance - Sub-Account - St | 1555 | \$0 | \$0 | \$0 | \$234,537 | \$0 | \$234,537 | \$0 | No |
|  |  |  |  |  | ICM Rate Rider | Claim | 326,336.00 |  |  |
|  |  |  |  |  | Total Claim |  | -1,298,753.69 |  |  |
|  |  |  | Total balances being | reported Dec 3 | 31, 2013 on RRR | 2.1.7 |  | 13,950,893.36 |  |


| Reconciliation to Audit Financial Statements: |  |
| :--- | ---: |
| Balance per Audit Financial Statements at December 31, 2013 | $11,841,146.00$ |
| Add: Future income tax payable | $2,109,748.00$ |
| Total per Continuity Schedule at Dec 31, 2013 | $13,950,894.00$ |
|  |  |

## Group 2 Accounts to be continued on a on-going basis <br> Continuation

| Other Regulatory Assets - Sub-Account - Deferred IFRS 7 | 1508 | Yes |
| :--- | :---: | :---: |
| Other Regulatory Assets - Sub-Account - Incremental Caf | 1508 | No |
| Other Regulatory Assets - Sub-Account - Other - ICM Rat | 1508 | No |
| Retail Cost Variance Account - Retail | 1518 | Yes |
| Misc. Deferred Debits - 2010 Rate Application Costs | 1525 | No |
| Retail Cost Variance Account - STR | 1548 | Yes |
| Other Deferred Credits | 2405 | No |
| PILs and Tax Variance for 2006 and Subsequent Years - <br> Sub-Account HST/OVAT Input Tax Credits (ITCs) 1592 | No |  |
| LRAM Variance Account 1568IFRS-CGAAP Transition PP\&E Amounts Balance + Retur | 1575 | Yes |


| Exhibit: | 9 |
| :--- | :--- |
| Tab: | 1 |
| Schedule: | 1 |

Date Filed: May 29, 2014

## Attachment 2 of 2

## Festival Group 2 Audit Report

## Ontario Energy

## Commission de l'énergie

 de I'OntarioMarch 28, 2013

W.G. Zehr , President<br>Festival Hydro Inc.<br>187 Erie St.<br>P.O. Box 397<br>Stratford, ON, N5A 6T5

Dear Mr. Zehr:

## Re: Audit Review of Group 1 Deferral and Variance Accounts

By letter dated January 10, 2013, the Regulatory Audit and Accounting group ("Regulatory Audit") of the Ontario Energy Board (the "Board") notified Festival Hydro Inc. ("Festival") that Regulatory Audit would review Festival's Group $2^{1}$ Deferral and Variance Accounts ("DVAs"), specifically Account 1508 and Account 1525 as at December 31, 2012.

Regulatory Audit focused the review on Festival's Group 2 DVAs for the period of 2009 to 2012.

A final report based on Regulatory Audit's review (the "Report") has now been completed. The Report outlines the review's objective, scope, criteria, procedures used, findings, basis of finding, areas of non-conformity requiring action, management responses, and management action plans for Festival.

To ensure that the audit review findings related to Group 2 DVAs as outlined in the Report are properly and consistently addressed and the required action plans are implemented by Festival, Regulatory Audit will be conducting a follow-up audit review in the future.

The findings in the Report represent the views of Regulatory Audit and are not necessarily the views of the Board as a whole. Regulatory Audit provides no assurances that addressing the areas of non-conformity requiring actions alone will resolve the issues identified in the audit review.

The findings of the audit review will be reported to the Board and may also ultimately be used as evidence in a future Festival proceeding before the Board.

[^1]We thank the staff of Festival for the assistance and support provided to us during this review.

## Yours truly,



Daria Babaie, P. Eng., CMA<br>Manager, Regulatory Audit \& Accounting<br>Phone: (416) 440-7614<br>Fax: (416) 440-7656<br>Daria.Babaie@ontarioenergyboard.ca

Cc : Wally Malcom, Chairman of the Board of Directors
Debbie Reece, CFO
Jac Vanderbaan, COO
Kelly McCann, Regulatory and Business Manager

# Audit Review of on Deferral and Variance Accounts Festival Hydro Inc. <br> March 2013 

## Executive Summary

The Ontario Energy Board (the "Board" or "OEB") authorized an audit review ("Audit") of Festival Hydro Inc. ("Festival") Group 2 deferral and variance accounts ("DVA"), specifically Account 1508 and Account 1525. This review was conducted by the Board's Regulatory Audit and Accounting division ("Regulatory Audit") during January to March 2013 and the audit review report ("Audit Report") was issued in March 2013.

Festival's Group 2 DVA balances were not disposed since its 2010 cost of service rate application (EB-2009-0263) for balances as at the 2008 year end. As a result, the DVA balances as at December 31, 2012 have accumulated the transactions of four years from 2009 to 2012. Regulatory Audit focused on the transactions incurred in the same period in its Audit. Festival is scheduled to file a cost of service rate application for rates effective May 1, 2014. However, Festival has requested to defer its cost of service rate application to January 1, 2015.

The Audit tested the net exposure of the Accounts 1508 and 1525 balances as at December 31, 2012. Regulatory Audit has concluded that some of the balances of the regulatory accounts as of December 31, 2012 were not accurately recorded in the Board's Reporting and Record Keeping Requirements ("RRR") 2.1.7 (Annual Trial Balance Filing). In addition, Regulatory Audit has noted that Festival has not followed some of the accounting procedures as stated in Accounting Procedures Handbook ("APH") and its related guidance in recording the transactions in certain of its DVAs.

The findings of this Audit are found in Section 8 of this Audit Report. Regulatory Audit expects that Festival will make necessary adjustments in its DVA balances as at December 31, 2012 that will be requested for disposition in its next Cost of Service rate application.

## Findings Summary

1. Festival recorded a credit amount of approximately $\$ 2,518,087$ for certain future income tax items under a sub-account of Account 1508 Other Regulatory Assets without Board approval. As a result, Account 1508 Other Regulatory Assets may not be accurately stated.
2. Although there is no impact to the balance of Account 1525, Miscellaneous Deferred Debits as at the 2012 year end, Festival recorded
amounts relating to Late Payment Penalty ("LPP") into Account 1525, while the Board's generic proceeding Decision issued related to LPP EB-2010-0295 denied the request of a variance account by electricity distributors. Festival used Account 1525 as a clearing account.
3. Festival recorded actual costs associated with its preparation of its 2010 and 2014 cost of service rate application into Account 1525, Miscellaneous Deferred Debits and is amortizing the costs incurred over a four year period. This is inconsistent with the treatment per the APH that requires the Board approved expense to be recorded in Account 1525 and amortized.

## 1. Background

Festival was incorporated on July 11, 2000. Festival is wholly owned by the City of Stratford. Festival is a distributor of electrical power that serves approximately 20,000 customers in the municipalities of Stratford, Brussels, Dashwood, Hensall, St. Marys, Seaforth and Zurich.

## 2. Authority for review

To the extent that this Audit required Festival to provide documents, records or information, Regulatory Audit acted under its inspection powers under Part VII of the Ontario Energy Board Act, 1998.

During the IRM plan term, the Board decided that the revised Group 2 Accounts will be reviewed using the Board's current process as outlined in Guidelines for Review of Electricity Deferral and Variance Accounts, September 28, 2005. Under this process, the Board will issue an order for all distributors on completion of its annual review of the Accounts. The order will reflect the Board's determination as to whether the Account balances reviewed ought to be disposed of, and if so, the balance(s) that will be disposed of and how they will be reflected in rates. ${ }^{1}$

The Board stated that at the time of rebasing, all Account balances should be disposed unless otherwise justified by the distributor or as required by a specific Board decision or guideline. The Board also articulated the following:

The Board also agrees that if the net balances of all Account balances when unitized is lower than $\$ 0.0001 / \mathrm{kWh}$ or $\$ 0.0001 / \mathrm{kW}$, then the disposition should not occur. ${ }^{2}$

To assist the Board in discharging its responsibilities related to DVAs, Regulatory Audit initiated a review of Festival's Account 1508 and Account 1525 balances in order to mitigate the risk associated with the incorrect disposition of these account balances.

[^2]
## 3. Reason for Audit Review

The Board's Audit function is a regulatory instrument of the Board to ensure that the regulated licensed entities conform to the APH and the Board's issued regulatory accounting guidelines and policies.

The Board requires electric utilities to report certain information to the Board at specific intervals. The Board relies on this information for industry monitoring, replying to stakeholders' requests, assisting in the review of applications and many other purposes. The DVA balance information is important to the Board, as it assists the Board in ensuring that accurate amounts are cleared through rates to customers. It is important that distributors file information that is complete, accurate, and on time.

## 4. Objectives

The objective of this Audit is to review Festival's Group 2 Account 1508 and Account 1525 balances as at December 31, 2012 to determine whether regulatory accounting policies and procedures of these accounts are properly and consistently applied in accordance with the APH, RRR, and other Board guidance.

## 5. Scope

This Audit covered Festival's Account 1508 and Account 1525. These accounts are collectively referred to as the "Group 2 Accounts".

The period of Audit for the regulatory accounts was conducted for the Group 2 Account balances as at December 31, 2012.

## 6. Criteria

This Audit relied on the following documents to establish the criteria:

1. Accounting Procedures Handbook ("APH"), effective July 31, 2007
2. Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) (EB-2008-0046)
3. APH Frequently Asked Questions ("FAQ") October 2009
4. Festival's 2011 IRM Decision and Revised Rate Order EB-2010-0083
5. Festival's 2010 Cost of Service Decision EB-2009-0263

## 7. Procedures Used

Regulatory Audit used procedures that consisted primarily of enquiry, observation, analytical procedures, and discussion related to information and materials provided by Festival's management or available to the Board from filings made under the Board's Electricity RRR filings for electricity distributors.

## 8. Findings

### 8.1.1 Finding 1

Festival recorded a credit amount of approximately $\$ 2,518,087$ for certain future income tax items under a sub-account of Account 1508 Other Regulatory Assets without Board approval. As a result, Account 1508 Other Regulatory Assets may not be accurately stated.

### 8.1.2 Basis for Finding

In 2009, the Canadian Institute of Chartered Accountants (CICA) Handbook, Section 3465, Income Taxes, was amended such that rate-regulated companies were required to recognize future income tax liabilities and assets. However, if the utility chooses to recognize certain future income tax amounts as regulatory assets or liabilities for audited financial statement purposes, these amounts are not necessarily considered to be approved by the Board and recognized as deferral or variance account balances for regulatory purposes.

The October 2009 FAQ \#16 stated the following regarding a utility's choice to report taxes on a future income taxes basis using the liability method for audited financial statement purposes. The FAQ also provided guidance on the permitted accounts to be used in the Uniform System of Accounts ("USoA") for recording certain future income tax amounts:

The Accounting Procedures Handbook (APH) specifies that a utility can choose to report taxes on a future income taxes basis (even when the taxes payable method was in effect for rate-regulated entities) and that such treatment has no bearing on what the utility chooses to apply for in distribution rates. Article 440 at page 2, states: "...the method of accounting for future income taxes will not affect the manner in which just and reasonable rates are approved by the Board and the accounts provided in the Uniform System of Accounts (USoA) are provided only for the convenience of the electric utility."

The USoA provides accounts for the electric utility to recognize future income taxes in accordance with CICA Handbook Section 3465-Income Taxes, as follows:

- 2296, Future Income Taxes - Current;
- 2350, Future Income Taxes - Non-Current; and
-6115, Provision for Future Income Taxes.
The Board does not prescribe financial reporting requirements for financial statement purposes. Consequently, the reporting of income taxes in financial statements, whether based on the taxes payable or the future income taxes method, is for the distributor to decide in accordance with CICA Handbook requirements.

As per review of the Festival's general ledgers ("GLs") for Account 1508, Other Regulatory Assets, Regulatory Audit noted that Festival recorded a credit amount of approximately $\$ 2,518,087$ under a Sub-account of Account 1508, Other Regulatory Assets for certain future income tax items. ${ }^{3}$ Festival began this accounting practice in 2009 and it had continued this practice as at December 31, 2012.

### 8.1.3 Area of Non-Conformity Requiring Action

Festival should not have recorded future income tax amounts under the Subaccount of Account 1508, Other Regulatory Assets without Board approval.

Festival should reflect the removal of these future income tax amounts from Account 1508 in its RRR 2.1.7 as at the 2012 year end.

### 8.1.4 Management Response:

Festival agrees with the Board's finding.

[^3]
### 8.1.5 Management Action Plan:

Provided in the table below is a history of the RRR 2.1.7 reporting as it relates to Future Income taxes.

| Date | Acct \# 2350 | Acct \# 1508 | Acct 3045 |
| :--- | :--- | :--- | :--- |
| Dec 31, 2008 | $\$ 2,083,000$ DR | 0 | $\$(2,083,000) ~ C R ~(i n c l u d e d ~$ <br> in Retained earnings |
| Dec 31, 2009 | $\$ 2,585,975$ DR | $\$(2,585,975)$ CR |  |
| Dec 31, 2010 | $\$ 2,654,791$ DR | $\$(2,654,791)$ CR |  |
| Dec 31, 2011 | $\$ 2,518,087$ DR | $\$ 2,518,087)$ CR |  |
| Dec 31, 2012 <br> $2.1 .7 ~ a d j u s t m e n t ~$ | $\$ 2,518,087$ DR | 0 | $\$(2,518,087)$ CR (return to <br> retained earnings |

Festival will process the following entries to its RRR 2.1.7 as at Dec 31, 2012 (which will be filed with the OEB on or before April 30, 2013):

Debit USoA \# 1508 \$2,518,087
Credit USoA \# 3045 \$2,518,087
To move the Dec 31, 2011 RRR 2.1.7 balance.
Debit USoA \# 2350 \$320,052**
Credit USoA \# 6115 \$320,052**
To book the change in Future tax balance for the 2012 fiscal year. (subject to change as external audit is being finalized).

These entries are for regulatory purposes only and do not impact the audited financial statements. Festival has discussed this finding and response with their external auditors and they are in agreement.

### 8.2.1 Finding 2

Although there is no impact to the balance of Account 1525, Miscellaneous Deferred Debits as at the 2012 year end, Festival recorded amounts relating to LPP into Account 1525, while the Board's generic proceeding Decision issued related to LPP EB-2010-0295 denied the request of a variance account by electricity distributors. Festival used Account 1525 as a clearing account.

### 8.2.2 Basis for Finding

In its LPP generic proceeding Decision EB-2010-0295, the Board stated that:
Both THESL and the other Affected Electricity Distributors requested a variance account to record any difference between each distributor's recovery amount and the amount actually recovered from customers. The Board does not expect any material difference to occur in this regard and therefore the request for a variance account is denied [Emphasis Added].

As per review of the GLs for Account 1525, Deferred Miscellaneous Debits, Regulatory Audit noted that Festival recorded $\$ 87,491^{4}$ related to its share of LPP costs into a Sub-account of Account 1525 in December 2010. The balance was drawn down by the associated rate rider for the recovery of approved LPP costs for a 12 month period. ${ }^{5}$ As at the 2011 year end, there was a balance of $\$ 36,515$ in Sub-Account 1525. The residual balance was cleared to Account 4080 - Distribution Revenue, by the end of June 2012. ${ }^{6}$

Although there is no net impact to the 2012 net income, revenues and expenses would have been misstated in 2012 and prior years, as well. Also, the Board had specifically indicated that a variance account is denied. Account 1525 is a deferral and variance account, and therefore should not have been used. In addition, Account 1525 was misstated by debit balances of $\$ 87,491$ and $\$ 36,515$ in the 2010 and 2011 RRR 2.1.7 filings, respectively.

### 8.2.3 Area of Non-Conformity Requiring Action

Festival should not have recorded an amount relating to LPP into Account 1525, Deferred Miscellaneous Debits without the Board's approval.

Festival should reflect the appropriate amounts in revenues and expenses in its RRR 2.1.7 filing as at the 2012 year end.

[^4]
### 8.2.4 Management Responses:

Festival agrees with the Board's finding.

### 8.2.5 Management Action Plan:

The proper regulatory accounting for the LPP should have been to record the original amount paid of $\$ 87,054.57$ as a prepaid and charge the expense to USoA \# 6215 Penalties over 12 equal installments of $\$ 7,254.55$ from May 1, 2011 to April 30, 2012.
Festival will process the following entries to its RRR 2.1.7 as at Dec 31, 2012 (which will be filed with the OEB on or before April 30, 2013):

Debit USoA \# 6215 Penalties (4 months x \$7,254.55) \$29,018.20 Debit USoA \#3045 Retained Earnings (for prior year) \$7,496.65
Credit USoA \#4080 Distribution Revenue (for RR collected) \$36,514.85
On Festival's audited financial statements, Festival will recognize the Penalties and Retained Earnings amounts as a charge to Penalties \# 6215 for \$36,514.85 and the credit to Distribution Revenue of $\$ 36,514.85$. The retained earnings amount of $\$ 7,496.65$ is immaterial in nature and, as such, the impact will be adjusted through current earnings rather than a retained earnings adjustment on the audited financial statements. The entry is being posted today. Festival has discussed this finding and response with their external auditors and they are in agreement.

### 8.3.1 Finding 3

Festival recorded actual costs associated with its preparation of its 2010 and 2014 cost of service rate application into Account 1525, Miscellaneous Deferred Debits and is amortizing the costs incurred over a four year period. This is inconsistent with the treatment per the APH that requires the Board approved expense to be recorded in Account 1525 and amortized.

### 8.3.2 Basis for Finding

In the Board Decision for Festival's 2010 cost of service rate application, the Board stated:

The Board finds it appropriate for the applicant to recover the costs associated with the preparation of its 2010 rates case of the future period as these are one-time costs which will not be incurred again until the next
rebasing. The Board finds that the amount of $\$ 144,000$ over a four year period is reasonable.

The amount was approved to be included in Festival's OM\&A.
Per the APH effective July 31, 2007, Article 220, page 184 states:
Amounts of regulatory expenses that by approval or direction of the Board are to be spread over future periods shall be charged to account 1525, Miscellaneous Deferred Debits, and amortized by charges to this account.

The APH requires that the amounts approved by the Board be charged to Account 1525 and amortized. Instead, Festival has recorded the actual costs incurred for its 2010 cost of service rate application in a Sub-Account of Account 1525 and is amortizing the costs incurred over a four year period to April 30, 2014. Festival has also recorded actual costs incurred for the preparation of its 2014 rate application in this account, as well. ${ }^{7}$ As at December 31, 2012, the balance in the account was a debit balance of $\$ 34,574$.

### 8.3.3 Area of Non-Conformity Requiring Action

Festival should adjust Account 1525 and Account 5655 in the 2012 RRR 2.1.7 to reflect the accounting treatment regarding regulatory expenses approved by the Board, as per the APH. Festival should remove the costs incurred relating to its 2014 rate application from Account 1525 and ensure that they are not recorded in this account going forward.

### 8.3.4 Management Responses

Festival is in agreement with the Board's finding.

### 8.3.5 Management Action Plan:

Festival will process entries to its G.L. as at December 31, 2012 to reflect the proper regulatory accounting treatment for accounts 1525 and 5655. The entries will be posted today. The 2012 RRR 2.1.7 due to the Board on or before April 30, 2013 will also reflect this change. Festival will ensure the 2013 and 2014 RRR 2.1.7 also reflects the proper regulatory accounting treatment.

Below are schedules which show the following:

1. the entries Festival Hydro had booked to Dec 31, 2012,
2. the proper regulatory accounting treatment to Dec 31, 2012 and
3. the two entries to be posted to General Ledger and 2012 RRR 2.1.7.
4. a reconciliation of the final account balance.
[^5]Management has discussed this finding and response with the external auditors and the Dec 31, 2012 audited financial statements will be adjusted for the two journal entries as recorded below.

Festival Hydro Entries to date:

| Accounts | $\underline{\mathbf{5 6 5 5}}$ | $\mathbf{\underline { 1 5 2 5 }}$ | $\underline{\mathbf{4 4 0 5}}$ |  |
| ---: | ---: | ---: | ---: | ---: |
| 2009 | 0 | $29,185.28$ |  |  |
| 2010 | 0 | $51,161.98$ |  |  |
| 2010 |  |  |  |  |
| 2010 | 13,600 | $-13,600$ |  |  |
| 2011 | 20,400 | $-20,400$ |  |  |
| 2012 | 21,600 | $-21,600$ |  |  |
| Interest to date |  | $1,885.09$ | -1885.09 |  |
|  |  |  |  | - |

Proper Accounting Entries:

| Accounts | 5655 | 1525 | 4405 |
| :---: | :---: | :---: | :---: |
| 2009 | 29,185.28 | - |  |
| 2010 | 51,161.98 | - |  |
| 2010 | -144,000 | 144,000.00 |  |
| 2010 | 24,000 | -24,000 |  |
| 2011 | 36,000 | -36,000 |  |
| 2012 | 36,000 | -36,000 |  |
| Interest to date |  | 3,261.60 | -3,261.60 |
|  | 32,347.26 | 51,261.60 | 3,261.60 |

$\left.\begin{array}{|c|r|r|c|}\hline \text { \# 1 Entry to book } & & -23,252.74 & 24,629.25\end{array}\right)-1,376.51$
\#2 Entry to book

| 1525 | Credit |  | -7942 |
| :--- | :--- | ---: | ---: |
| 4405 | Debit | 48.68 |  |
| 5655 | Debit | 7893.32 |  |

To correct 2010 COS costing as at Dec 31, 2012 for amounts related to 2014 posted in error

| 1525 G.L. At Dec 31, 2012 before changes: | $34,574.35$ |
| :--- | ---: |
| Entries: |  |
| $\quad$ Remove 2014 COS items | $7,893.32$ |
| Adjust to OEB standards | $24,629.25$ |
| Interest adjustment re: $7893.32(584.94-536.26)$ | $-\quad 48.68$ |
| Final balance, Dec 31, 2012 | $51,261.60$ |

## Management Action Plan on Regulatory Accounting Compliance:

As noted in this report, there have been instances where regulatory accounting treatment used by Festival Hydro for accounts 1508 and 1525 has not been strictly adhered to as set out in the Accounting Procedures Handbook (APH), the APH Frequently Asked Questions, RRR Requirements or recent Board Decisions and Orders for Festival Hydro. Festival's objective is to follow proper regulatory accounting procedures. We will endeavour to stay abreast of all regulatory accounting pronouncements and changes to ensure compliance with the Board.

## Interest Rates Applied



May 29, 2014

$$
1
$$

| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 1 |
| Schedule: | 2 |
| Page: | 1 of 1 |

Date Filed:
$\qquad$
Festival has used the prescribed interest rates when calculating carrying charges on variances accounts. Interest is calculated based on the account's monthly opening balance. The rates applied for 2010 and forward are noted in the table below. Festival has also used the current approved rate (1.47\%) in completing its projections for 2014, as there is no major interest rate changes expected from the Bank of Canada.

Certain variance accounts do not have carrying charges applied, for example Account \# 1575, so no interest has been applied.

| Period | Interest Rate Applied |
| :--- | :---: |
| Q1 2010 | $0.55 \%$ |
| Q2 2010 | $0.55 \%$ |
| Q3 2010 | $0.89 \%$ |
| Q4 2010 | $1.20 \%$ |
| Q1 2011 to Q4 2011 (all 4 <br> quarters) | $1.47 \%$ |
| Q1 2012 to Q4 2012 (all 4 <br> quarters) | $1.47 \%$ |
| Q1 2013 to Q4 2013(all 4 <br> quarters) | $1.47 \%$ |
| Q1 2014 to Q4 2014 (all 4 <br> quarters) (Forecasted) | $1.47 \%$ |


| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 1 |
| Schedule: | 3 |
| Page: | 1 of 1 |

Date Filed:
May 29, 2014
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## Reconciliation to RRR Filing

$\qquad$

| Reconciliation to Audit Financial Statements: |  |
| :--- | :--- |
| Balance per Audited Financial Statements at Dec 31, 2013 | 11,841,146.00 |
| Add: Future income tax payable | $\underline{2,109,748.00}$ |
| Total per Continuity Schedule at Dec 31, 2013 <br> (also as reported on Dec 31, 2013 RRR 2.1.7) | $\underline{13,950,894.00}$ |


| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 1 |
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## Proposed EDDVAR Allocators

Festival is requesting disposition of all Group 1 and Group 2 variance accounts as noted in the table below, in accordance with the Board's report (EB-2009-0046). Festival has followed the guidelines in the report and request disposition of its deferral and variance accounts, Group 1 and Group 2 accounts, over a one year period. In addition, Festival has requested disposition of Stranded Meters Account, \#1575 IFRS Transitional Amounts and Acct 1568 LRAMVA, which are discussed in greater in the later part of this Exhibit.

Tab 5 Allocation of Balances in the EDVARR continuity provides the allocation methods selected by Festival Hydro. Further discussion on the allocation methods can be found under E9/T2/S1 and E9/T3/S1.

EB-2014-0073


|  |  | Amounts from Sheet 2 | Allocator |
| :---: | :---: | :---: | :---: |
| LV Variance Account | 1550 | 129,772 | kWh |
| RSVA - Wholesale Market Service Charge | 1580 | (2,394,126) | kWh |
| RSVA - Retail Transmission Network Charge | 1584 | 287,619 | kWh |
| RSVA - Retail Transmission Connection Charge | 1586 | 410,033 | kWh |
| RSVA - Power (excluding Global Adjustment) | 1588 | 216,538 | kWh |
| RSVA - Global Adjustment | 1589 | 1,070,771 | Non-RPP kWh |
| Recovery of Regulatory Asset Balances | 1590 | 49,659 | kWh |
| Smart Meter Entiity Charge Variance Account | 1551 | 15,898 | kWh |
| Disposition and Recovery/Refund of Regulatory Balances (2009) | 1595 | 0 | kWh |
| Disposition and Recovery/Refund of Regulatory Balances (2010) | 1595 | (51,623) | kWh |
| Disposition and Recovery/Refund of Regulatory Balances (2011) | 1595 | 1,640 | kWh |
| Total of Group 1 Accounts (excluding 1589) |  | $(1,340,589)$ |  |
| Other Regulatory Assets - Sub Account - OEB Cost Assessments | 1508 | (0) |  |
| Other Regulatory Assets - Sub Account - Pension Contributions | 1508 | 0 |  |
| Other Regulatory Assets - Sub-Account - Deferred FRS Transition Costs | 1508 | 115,010 | Distribution Rev. |
| Other Regulatory Assets - Sub-Account - Incremental Capital Charges | 1508 | 2,301 | Distribution Rev. |
| Other Regulatory Assets - Sub Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Beneft Act | 1508 | 0 |  |
| Other Regulatory Assets - Sub Account - Financial Assistance Payment and Recovery Carrying Charges | 1508 | 0 |  |
| Other Regulatory Assets - Sub Account - Other | 1508 | 0 |  |
| Retail Cost Variance Account - Retail | 1518 | $(54,180)$ | \# of Customers |
| Misc. Deferred Debits | 1525 | 3,725 | Distribution Rev. |
| Renewable Generation Connection Capital Deferral Account | 1531 | 0 |  |
| Renewable Generation Connection OM\&A Deferral Account | 1532 | 0 |  |
| Renewable Generation Connection Funding Adder Deferral Account | 1533 | 0 |  |
| Smart Grid Capital Deferral Account | 1534 | 0 |  |
| Smart Grid OM\&A Deferral Account | 1535 | 0 |  |
| Smart Grid Funding Adder Deferral Account | 1536 | 0 |  |
| Retail Cost Variance Account - STR | 1548 | $(1,433)$ | \# of Customers |
| Board-Approved CDM Variance Account | 1567 | 0 |  |
| Extra Ordinary Event Costs | 1572 | 0 |  |
| Deferred Rate impact Amounts | 1574 | 0 |  |
| RSVA - One-time | 1582 | 0 |  |
| Other Deferred Credits | 2405 | 45,209 | Distribution Rev. |
| Total of Group 2 Accounts |  | 110,633 |  |


| Deferred Payments in Lieu of Taxes | 1562 | 0 |  |
| :--- | :---: | :---: | :---: |
| PILs and Tax Variance for 2006 and Subsequent Years <br> (excludes sub account and contra account) | $\mathbf{1 5 9 2}$ | 0 |  |
| PILs and Tax Variance for 2006 and Subsequent Years - <br> Sub Account HST/OVAT Input Tax Credits (IICs) | $\mathbf{1 5 9 2}$ | (164,589) | Distribution Rev. |
| Total of Account 1562 and Account 1592 |  | $(164,589)$ |  |


| URAM Variance Account (Enter dollar amnount for each classe) | 1568 | 178,310 |  |
| :--- | :---: | :---: | :---: |
| (Account 1568 - total amount allocated to classes) | 178,310 |  |  |
| Variance | (0) |  |  |


| Total Balance Allocated to each class (excluding 1589) | $(1,216,236)$ | $($ | $1,070,771$ |
| ---: | ---: | :---: | :---: |
| Total Balance Allocated to each class from Account 1589 |  | $(145,465)$ |  |
| Total Balance Allocated to each class (including 1589) | $($ |  |  |


| IFRS-CGAAP Transition PP\&E Amounts Balance + Retum Component | $\mathbf{1 5 7 5}$ | $(1,714,161)$ | kWh |
| :--- | :---: | :---: | :---: |
| Accounting Changes Under CGAAP Balance + Retum Component | $\mathbf{1 5 7 6}$ | $\mathbf{0}$ |  |
| Total Bal ance Allocated to each class for Accounts 1575 and 1576 |  | $(1,714,161)$ |  |


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## New EDDVAR Requests

4 Festival is not requesting any new DVA accounts to be set up at this time.

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5 There have been no adjustments made to deferral and variance account balances that were

# Adjustments to Board Approved Deferral and Variance Accounts 

 previously approved by the Board on a final basis in either Cost of Service or IRM proceedings.
## Exhibit 9

## Tab 2 of 3

## EDDVAR Group 1 Accounts

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## EDDVAR Group 1 Accounts

Festival is requesting disposition of all Group 1 variance accounts as noted in the table below, in accordance with the Board's report (EB-2009-0046). Festival has followed the guidelines in the report and request disposition of its deferral and variance accounts, Group 1 and Group 2 accounts, over a one year period.

## Method of Disposition

Tab 5 Allocation of Balances in the EDVARR continuity provides the allocation methods selected by Festival Hydro. The following disposition approaches has been applied:

Group One Accounts - These accounts are allocated based on 2015 forecasted kWh consumption by customer class and disposition through variable component rate rider based on the applicable kWh or kW billing determinant (with the exception of 1589 RSVA Global Adjustment). This allocation is based on the default cost allocation in accordance with the default cost allocation methodology established by the Board for Group 1 DVAs in the EDDVAR report dated July 31, 2009.

Acct 1589 RSVA Global Adjustment is allocated based on 2015 forecasted Non-RPP kWh consumption by customer class and disposition through variable component rate rider based on the applicable kWh or kW billing determinant. A separate rate rider has been calculated and will be applied to only non-RPP customer accounts.

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## Reconcilation Energy Sales and Cost of Power

The costs of power are flow through expenditures that are offset by the sale of power. The differences arising upon reconciliation are charged to the RSVA Variance accounts. The table below shows Festival's reconciliation of accounts for the past 5 years. For all years shown, the charges are equal and offsetting with the exception for the Power Purchased and Power Sales in 2011 which was out by $\$ 443$ in error. These balances are in agreement with the balances reported on the USOA trial balance under RRR reporting 2.1.7.


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## IESO Global Adjustment pro-ration

$\qquad$
The Global Adjustment ("GA") IESO Type 147 first appeared on the IESO invoice commencing January 1, 2006. Since that time Festival has maintained an excel spreadsheet which split the Global Adjustment between the amount belonging to the RPP customers versus the amount belonging to the Non-RPP customers. This has been done in order to determine the portion belonging to \#1588 Cost of Power account versus \# 1589 GA variance account (previously \# 1588 GA sub account.)

The proration of the monthly GA amount on this spreadsheet is based on the RPP versus NonRPP kWh quantities submitted on the monthly IESO settlement reports. This spreadsheet allows for effective splitting of the \# 1589 GA variance account from the \# 1588 Cost of Power variance account. The spreadsheet also keeps track of the variance arising from the result of billing the GA based on the 1st estimate versus the actual final charge on the IESO bill. For Festival this reconciliation is very important as Festival sells approx $69.8 \%$ of its electricity to customers subject to non-RPP pricing. The GA represents a substantial portion of Festival's monthly IESO bill. A separate rate rider for GA disposition is requested as part of this application, to be charged to non-RPP customers only.

## Account 1595-2010 and 2012 Variance Disposition Accounts

As part of Festival's 2010 COS Decision and Rate Order, the Group 1 and a number of Group 2 variance accounts were approved for disposition. The balance of $\$ 2,149,357$ was approved for disposition over a four year period, which is scheduled to end April 30, 2014. The amount transferred into the 2010 Variance account consisted of $\$ 2,086,274$ in principal and $\$ 63,123$ of interest. As at the end of April 30, 2014, Festival projects the principal and original interest will have been fully repaid and $\$ 57,623$ of the new interest (i.e. interest calculated since transfer into \#1595) will remain at December 31, 2014. No new interest has been added to the account after April 30, 2014. Festival request disposition of this remaining balance and the 1595-2010 variance account to be closed.

| Former Acct |  |  |  | Principal | Interest | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1507 |  | OMERS Variance |  | 240,194.72 | 36,865.25 | 277,059.97 |
| 1509 |  | OEB Variance acct |  | 82,381.48 | 14,873.57 | 97,255.05 |
| 1518 |  | Retailer Cost Var |  | $(57,020.00)$ | $(2,914.00)$ | (59,934.00) |
| 1548 |  | Retailer STR Var |  | 23,808.47 | 3,423.53 | 27,232.00 |
| 1550 |  | Low Voltage |  | 72,949.00 | 4,624.00 | 77,573.00 |
| 1580 |  | Wholesale Market |  | $(1,385,017.00)$ | $(101,009.00)$ | $(1,486,026.00)$ |
| 1582 |  | W M - One Time |  | 36,083.00 | 4,109.00 | 40,192.00 |
| 1584 |  | Network Charges |  | $(908,899.00)$ | $(73,197.00)$ | $(982,096.00)$ |
| 1586 |  | Connection Charges |  | $(924,005.00)$ | $(103,262.00)$ | $(1,027,267.00)$ |
| 1588 |  | COP Variance |  | 733,250.00 | 153,364.00 | 886,614.00 |
| Total variance accounts |  |  |  | $(2,086,274.33)$ | $(63,122.65)$ | $(2,149,396.98)$ |
|  | OEB approved |  |  |  |  | $(2,149,357.00)$ |
| Diff - on final close out of OEB and OMERS |  |  |  |  |  | 39.98 |

As part of Festival's 2012 COS Decisions and rate order, Festival was approved the transfer of the 1592 PILS accounts (for 2001 to 2006 PILS) in the amount of \$271,992 and the transfer of the remaining Special Purpose Charge balance $\$ 7,216$ into the $1595-2012$ variance account. The disposition took place over one year ending April 30, 2013. The amount remaining in the account is $\$ 1,640$ which consist of no principal, $\$ 888$ of old interest and $\$ 752$ new interest. No

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| Former Acct |  | Principal | Interest | Total |
| :---: | :---: | :---: | :---: | :---: |
|  | Special Purpose |  |  |  |
| 1521 | Charge | 5,689.09 | 1,526.91 | 7,216.00 |
| 1562 | PILS Variance acct | 126,029.00 | 145,963.00 | 271,992.00 |
|  | Total variance accounts | 131,718.09 | 147,489.91 | 279,208.00 |
| OEB approved |  |  |  | 279,208.00 |
| Diff on final close out ( \$24.01 diff run through interest exp.for 1521) |  |  |  |  |

## Exhibit 9

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## EDDVAR Group 2 Accounts

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## EDDVAR Group 2 Accounts

> Festival is requesting disposition of all Group 2 variance accounts as noted in the table below, in accordance with the Board's report (EB-2009-0046). Festival has followed the guidelines in the report and request disposition of its deferral and variance accounts, Group 1 and Group 2 accounts, over a one year period.

The table below provides the Group 2 accounts, plus LRAMVA and IFRS Transition currently in use. The table also shows the accounts Festival does not plan to use after January 1, 2015 as indicated by No continuation.

## Group 2 Accounts to be continued on a on-going basis

Continuation

$\left\lvert\,$| Other Regulatory Assets - Sub-Account - Deferred IFRS Transition <br> Costs | 1508 | Yes |
| :--- | :---: | :---: |
| Other Regulatory Assets - Sub-Account - Incremental Capital Charges | 1508 | No |
| Other Regulatory Assets - Sub-Account - Other - ICM Rate Rider | 1508 | No |
| Retail Cost Variance Account - Retail | 1518 | Yes |
| Misc. Deferred Debits - 2010 Rate Application Costs | 1525 | No |
| Retail Cost Variance Account - STR | 1548 | Yes |
| Other Deferred Credits | 2405 | No |
| PlLs and Tax Variance for 2006 and Subsequent Years - <br> Sub-Account HST/OVAT Input Tax Credits (ITCs)  <br> LRAM Variance Account 1592 No <br> IFRS-CGAAP Transition PP\&E Amounts Balance + Return <br> Component 1568 |  |  | | Yes |
| :--- |\right.


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Included in the list of Group 2 DVAs for disposal is Other Deferred Credits - 2405. The description provided below is taken from Festival's 2010 COS Application (EB-2009-0263) under EX9/T01/S01. This account was still active as at the time of the 2010 Cost of Service Application so Festival did not request disposition at that time. As part of this application, Festival is requesting disposition of this amount and the account can be closed.

## 2405 Other Regulatory Liabilities

Description: Accrued low voltage charges from Hydro One for periods prior to May 1, 2006. The liabilities owing to Hydro One were set up when determined and are billed monthly as a standard charge by Hydro One on their monthly low voltage bills. This balance is owed to Hydro One; not our customers. This account will come to an end when Hydro One has been fully paid in February 2010. A residual will remain at that time requiring disposition.

## Method of Disposition for Group 2 Accounts

Group Two Accounts - - These accounts are to be allocated based on 2015 forecasted kWh consumption by customer class and disposition through variable component rate rider based on the applicable kWh or kW billing determinant except for acct 1518 RCVA Retail and 1548 RCVA STR. This allocation is based on the default cost allocation in accordance with the default cost allocation methodology established by the Board for Group 1 DVAs in the EDDVAR report dated July 31, 2009.

1518 RCVA Retail and 1548 RCVA STR - These accounts are to be allocated based on number of customers in accordance with the default cost allocation methodology established by the Board in the EEVAR Report dated July 31, 2009.

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# Account 1592 - PIL's and Tax Variances for 2006 and Subsequent Years 

This account was established to account for tax impacts not reflected in Board approved rates. Festival had not recorded any items in this account until 2010 when the Board, as part of Festivals 2010 COS application, directed Festival to establish a deferral account to record the incremental savings resulting from the replacement of the Provincial Sales tax with the Harmonized Sales Tax (HST) effective July 1, 2010. Festival was instructed to record the incremental savings in Account 1592.

The Board provided further direction on a proxy method to record incremental tax savings amounts into account 1592 in the OEB APH - FAQ dated December 2010. However, Festival had already put processes and procedures in place in order to record the incremental savings on a transaction by transaction basis starting July 1, 2010. This procedure will be kept in place until December 31, 2014.

On the EDVARR continuity schedule, the actual incremental savings have been included annually up to December 31, 2013. For fiscal 2014, an estimate of savings was used based on the actual savings incurred in fiscal 2013. On the EDVARR continuity, the amount for 2014 has been entered into the 2014 Board approved disposition column in order to get the 2014 amount into the Total Claim. The amount being reported in this application of \$164,589 (\$159,506 principal and $\$ 5,083$ interest) in account \# 1592 represents a refund owing to customers. The amount is $50 \%$ of the estimated gross savings, which is based on the methodology that is consistent with the approach taken by Powerstream (EB-2012-0161) and consistent with Board's guidance.

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In addition, under FAQ \#4 it is noted that capital purchases made on or after July 1, 2010 will be reflected in the reduced values of the assets included in the rate base at time of next cost of service application. The savings in costs will flow to ratepayers at that time. Accordingly, Festival has not included any of the savings related to capital purchases as the ratepayers will benefit as a result of the lower rate base.

Appendix 2-TB provides the balances for each of the years 2010 through to December 31, 2014, including carrying charges. Festival requests disposition of this account over a one year period based on Distribution Revenue. Festival request discontinuation of the 1592 HST sub account as it is no longer needed after December 1, 2014.
Exhibit: 9

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Schedule:

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## OEB Appendix 2-TA/2-TB

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## Appendix 2-TA <br> Account 1592, PILs and Tax Variances for 2006 and Subsequent Years

The following table should be completed based on the information requested below, in accordance with the notes following the table. An explanation should be provided for any blank entries.

| Tax Item | Principal as of December 31, 2014 |
| :---: | :---: |
| Large Corporation Tax grossed-up proxy from 2006 EDR application PILs model for the period from May 1, 2006 to April 30, 2007 |  |
| Large Corporation Tax grossed-up proxy from 2006 EDR application PILs model for the period from January 1, 2006 to April 30, 2006 (4/12ths of the approved grossed-up proxy), if not recorded in PILs account 1562 |  |
| Ontario Capital Tax rate decrease and increase in capital deduction for 2007 |  |
| Ontario Capital Tax rate decrease and increase in capital deduction for 2008 |  |
| Ontario Capital Tax rate decrease and increase in capital deduction for 2009 |  |
| Ontario Capital Tax rate decrease and increase in capital deduction for 2010 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2006 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2007 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2008 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2009 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2010 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2011 |  |
| Capital Cost Allowance class changes from 2006 EDR application for 2012 |  |
| Capital Cost Allowance class changes from any prior application not recorded above. Please provide details and explanation separately. |  |
| Insert description of additional item(s) and new rows if needed. | \$ 164,589 |
| Total | \$ 164,589 |

## Notes:

1 Revise the deferral and variance account continuity schedule to include account 1592 as a group 2 account and enter all relevant information for transactions, adjustments, etc., for all relevant years.

2 Describe each type of tax item that has been recorded in account 1592.
3 Provide the calculations that show how each item was determined and provide any pertinent supporting evidence and documentation.

4 Please state whether or not the applicant followed the guidance provided in the FAQ of July 2007. If not, please provide an explanation.

5 Identify the account balance as of December 31, 2012 as per the 2012 Audited Financial Statements. Identify the account balance as of December 31, 2012 as per the April 2013 2.1.7 RRR filing to the Board. Provide a reconciliation if the balances provided are not identical to each other and to the total shown on the continuity schedule.

6 Complete the above table based on the answers to the previous. Add rows as required to complete the analysis in an informative manner. Please provide the completed table as a working Excel spreadsheet.

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## Appendix 2-TB

## Account 1592, PILs and Tax Variances for 2006 and Subsequent Years, Sub-account HST/OVAT Input Tax Credits (ITCs)

The following table should be completed based on the information requested below. An explanation should be provided for any blank entries.
$100 \%$ of the balance in Account 1592, PILs and Tax Variances for 2006 and Subsequent Years, Sub-account HST/OVAT Input Tax Credits (ITCs), should be recorded in this table.

## Summary of PST Savings from 2009 Historic Year Analysis

| $\begin{aligned} & \text { Principal } \\ & 2010 \end{aligned}$ |  | Principal 2011 |  | Principal 2012 |  | Principal $2013$ | Projected Principal 2014 |  | Carrying Charges to Dec 31, 2014 |  | Total Account 1592, sub-account HST/OVAT Balance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ 19,698 | \$ | 36,835 | \$ | 32,627 | \$ | 35,173 | \$ | 35,173 | \$ | 5,083 | \$ | 164,589 |
| \$ | \$ | - | \$ | - |  |  |  |  |  |  | \$ | - |
| \$ 19,698 | \$ | 36,835 | \$ | 32,627 | \$ | 35,173 | \$ | 35,173 | \$ | 5,083 | \$ | 164,589 |

Capital Items PST Savings
Total Annual PST Savings ${ }^{2}$
${ }^{1}$ Include January to April 30, 2014 PST savings if the rate year begins May 1, 2014. If the rate year begins Jan 1, 2014, include PST savings to December $31,2013$.
${ }^{2}$ Derived PST savings proxy for each year per 2009 historic year analysis
Note: Assumes level OM\&A and Capital Spending year over year. An alternative detailed transactional analysis may also be performed using actual expenditures from 2010 to the

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1 Account 1592 -Harmonized Sales Tax Deferral Account

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## Account 1508 - Deferred IFRS Transition Costs

The Board approved for all LDCs Account \# 1580 - Other Regulatory Assets - Sub account Deferred IFRS Transition Costs to record one-time incremental cost related to the transition to IFRS. As well, as part of Festival's 2010 COS Decision and Order, Festival was approved the set up of an IFRS transition cost account.

Festival has deferred its implementation to IFRS until January 1, 2015, as per the most recent accounting pronouncements. However, Festival has determined that the conversion to IFRS has been substantially completed as a result of the 2013 accounting changes related to asset useful lives and capitalization policies, but recognizes some additional third party costs may be incurred related to the final transition. Festival will be required to incur incremental one-time external audit fees in 2015 that are not currently included in base rates and will not be included in the 2015 Test Year OM\&A. These incremental fees will relate to the required opening IFRS balance sheet audit as at January 1, 2015 as well as the CGAAP-IFRS conversion audit for the 2014 comparative fiscal year. The normal anticipated December 31, 2015 audit fee (for CGAAP) is not included in this sub-account as this cost is not incremental to the transition to IFRS. As such, Festival is requesting disposition of the balance in the account at this time but maintain the account should additional third party costs be incurred.

The cost included in this account to date includes costs related to the transition of account policies and procedures, systems and processes include professional fees, training, and salaries related to an incremental temporary staff position. No capital costs, ongoing IFRS compliance costs or impacts arising from adopting accounting policy changes are in Account 1508.

The balance in the 1508 account of $\$ 115,398$ includes $\$ 109,628$ in costs incurred to December 31,2013 and actual and projected carrying charges of $\$ 5,770$ to December 3, 2014.

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Appendix $2-U$ provides a breakdown of the contents within the IFRS transition account and provides a short explanation of each cost category split out on the form. This account is included as part of the Group 2 assets being put forth in this application for disposition.

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## 1 Account 1508- IFRS Transition Costs

4 NOT USED

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1 Account 1508- One-time Incremental IFRS Costs
2

3 Not used

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## OEB Appendix 2-U

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Appendix 2-U

## One-Time Incremental IFRS Transition Costs

The following table should be completed based on the information requested below. An explanation should be provided for any blank entries. The entries should include one-time incremental IFRS transition costs that are currently included in Account 1508, Other Regulatory Assets, sub account Deferred IFRS Transition Costs Account, or Account 1508, Other Regulatory Assets, sub-account IFRS Transition Costs Variance Account

| Nature of One-Time Incremental IFRS Transition Costs ${ }^{1}$ | Audited Actual Costs Incurred 2009 |  | Audited Actual Costs Incurred 2010 |  | $\begin{array}{\|c\|} \hline \text { Audited Actual } \\ \text { Costs Incurred } \\ 2011 \\ \hline \end{array}$ |  | $\begin{gathered} \hline \text { Audited Actual } \\ \text { Costs Incurred } \\ 2012 \\ \hline \end{gathered}$ |  | Audited CarryingChargesto Dec 31, 2013 |  | Total AuditedActual Coststo Dec 31, 2013 |  | RRR 2.1.7 Balance 31-Dec-12 | Variance ${ }^{2}$ | Reasons why the costs recorded meet the criteria of one-time IFRS administrative incremental costs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| professional accounting fees | \$ | 33,000 | \$ | 14,250 |  |  | \$ | 9,010 |  |  | \$ | 56,260 | 1/111 | 111 | Guidance in determining how IFRS impacts |
| professional legal fees |  |  |  |  |  |  |  |  |  |  | \$ |  | ( | M |  |
| salaries, wages and benefits of staff added to support the transition to IFRS |  |  |  |  |  |  | \$ | 41,729 | \$ | 9,525 | \$ | 51,254 | H! | H | Third party contractor assisting on the conversion |
| associated staff training and development costs | \$ | 1,084 | \$ | - | \$ | 598 | \$ | 432 |  |  |  | 2,114 | H | M | IFRS training for exisitng staff |
| costs related to system upgrades, or replacements or changes where IFRS was the maior reason for conversion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carrying charges (calcualted at OEB prescribed Varaince acct interest rates) | \$ | 25 | \$ | 359 | \$ | 715 | \$ | 1,080 | \$ | 1,591 | \$ | 3,770 | H! | , | Carrying charges at OEB presecribed rates |
|  |  |  |  |  |  |  |  |  |  |  |  |  | (l) | , |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | , |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | H! | , |  |
| Amounts, if any, included in previous Board approved rates (amounts should be negative) ${ }^{3}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | \$ |  | ( | , |  |
| Insert description of additional item(s) and new rows if needed. |  |  |  |  |  |  |  |  |  |  |  |  | M, | H |  |
| Total |  | 34,109 | \$ | 14,609 | \$ | 1,313 | \$ | 52,251 | \$ | 11,116 |  | 113,398 | \$ 113,39 |  |  |

Note:
1 The Deferred IFRS Transition Costs Account and the IFRS Transition Costs Variance Account are exclusively for necessary, incremental transition costs and shall not include ongoing IFRS compliance costs or impacts arising from adopting accounting policy changes that reflect changes in the timing of the recognition of income. The incremental costs in these accounts shall not include costs related to system upgrades, or replacements or changes where IFRS was not the major reason for conversion. In addition, incremental IFRS costs shall not includ capital assets or expenditures.
2 Applicants are to provide an explanation of material variances in evidence
3 If there were any amounts approved in previous Board approved rates, please state the EB \#: nil

## Account 1575 - IFRS-CGAAP Transitional PP\&E Amounts

As directed by the Board, Account 1575 applies to any LDC that files a 2014, or later, COS application on the basis of MIFRS. Account 1575 is intended to capture all PP \& E accounting changes made on transition to IFRS. This account is to be used by LDCs when their rate base and resulting revenue requirement is based on accounting policies compliant with MIFRS.

In accordance with the Board's letter dated July 17, 2012, in 2013 Festival conducted a detailed analysis of its fixed assets in order to componentize assets into proper classifications and establish depreciation rates which are reflective of the estimated useful lives. This analysis was completed with reference to the Kinetrics report in terms of establishing useful lives. For the most part, the useful lives adopted are equal to the "TUL" of the Kinetric Report. These new useful lives were adopted effective January 1, 2013.

In addition, Festival completed a detailed analysis of its overhead rates and capitalization of costs to ensure overhead rates which were established only captured direct cost. Changes to overhead rates were also adopted effective January 1, 2013.

Festival has recorded actual balances in account \# 1575 for the year ended December 31, 2013 and based on its bridge year's capital and operating budgets has calculated the balances for 2014. The application of accounting policy changes has been applied on a prospective basis in the year in which the accounting changes occurred (i.e. 2013).

Festival has identified $\$ 1,523,699$ in amounts owing back to customers plus a cost of capital component of $\$ 190,462$ to be returned to its rate payers for a total of $\$ 1,714,161$. The contents of the account are broken down as follows:

- 2013 - increase of $\$ 995,693$ due to change in depreciation rates
- 2013 - decrease of $\$ 254,313$ due to overhead allocation reductions

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- 2014- projected increase of $\$ 950,135$ due to change in deprecation rates
- 2014 - projected decrease of $\$ 167,816$ due to overhead allocation reductions
- WACC of $\$ 190,462$ on amounts owing as calculated on Appendix 2-ED.

These amounts are documented in OEB appendix 2EE/ED.

Festival is awaiting its 2015 future employee benefit actuarial report for 2015. Festival requests that as part of this proceeding Festival be allowed during the interrogatory stage to update account 1575 for the projected change in the liability arising due to adoption of MIFRS.

As directed by the Board, a special volumetric based rate rider has been created for disposition of this account. Festival is proposing to repay this back to customers over a two year period. From a cash flow point of view, Festival would like to repay over a five year period but the cost of the rate of return component makes it impractical. No carrying charges have been applied according to the Board's direction as a cost of capital has been applied which is equal to Festival's 2015 requested weighted average cost of capital of $6.25 \%$.

The proposed table of rate riders is provided in the table below.

## Rate Rider Calculation for Accounts 1575 and 1576

Please indicate the Rate Rider Recovery Period (in years) $\quad 2$


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This account has been added to the EDVARR continuity schedule. The amount of $\$ 696,846$ has been recorded in Festival's financial statements as at December 31, 2013. The projected amount for 2014 of $\$ 826,853$ has been included in the 2014 Board approved disposition column (CJ) and the $\$ 190,462$ cost of capital arising from a two year payback in the interest section under column CO in order to get the total claim amount of $\$ 1,714,161$.

Festival requests continuation of this account as Festival has not completed its 2015 conversion to IFRS. In addition, the 2014 bridge year forecasted amounts used in determining the 1575 balances are subject to change so Festival requests the ability to true up these amounts and other transitional amounts not identified at the time of this application.

Continuities in support of the balance of account 1575 are included in E9/T3/S7/A1, E9/T3/S8/A1, and E9/T2/S8/A2.

## Attachment 1 of 1

## OEB Appendix 2-EA/EB/EC

| File Number: | EB 20140073 |
| :--- | ---: |
| Exhibit: | 9 |
| Tab: | 3 |
| Schedule: | 8 |
| Attachment: | 2 |
|  |  |
| Date: | 25-Apr-14 |

Appendix 2-EE
Account 1575-Accounting Changes under CGAAP 2013 Changes in Accounting Policies under CGAAP

Assumes the applicant made capitalization and depreciation expense accounting policy changes under CGAAP effective January 1, 2013

| Reporting Basis | $\begin{array}{\|c} 2010 \\ \text { Rebasing } \\ \text { Year } \end{array}$ | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CGAAP | IRM | IRM | IRM | $\begin{gathered} \hline \text { CGAAP - } \\ \text { ASPE } \\ \hline \end{gathered}$ | 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 |  |  |  | 35,396,846 | 37,482,461 |  |  |  |  |
| Net Additions - Note 4 |  |  |  | 5,157,572 | 2,790,817 |  |  |  |  |
| Net Depreciation (amounts should be negative) - Note 4 |  |  |  | -3,071,957 | -3,175,328 |  |  |  |  |
| Closing net PP\&E (1) | $\rightarrow \times 1+1$ |  |  |  | 37,097,950 |  |  |  |  |
| PP\&E Values under revised CGAAP (Starts from 2013) |  |  |  |  |  |  |  |  |  |
| Opening net PP\&E - Note 1 | 闪 ${ }^{(1)}$, $35,396,849$ |  |  |  | $38,219,497$ |  |  |  |  |
| Net Additions - Note 4 |  |  |  | 4,906,054 | $2,623,001$ |  |  |  |  |
| Net Depreciation (amounts should be negative) - Note 4 |  |  |  | -2,083,406 | -2,221,166 |  |  |  |  |
| Closing net PP\&E (2) |  |  | 4 | 38,219,497 | 38,621,332 |  |  |  |  |
| Difference in Closing net PP\&E, former CGAAP vs. revised <br> CGAAP |  |  |  | -737,036 | -1,523,382 |  |  |  |  |

Effect on Deferral and Variance Account Rate Riders

| Closing balance in Account 1576 | $-1,523,382$ |
| :--- | ---: |
| Return on Rate Base Associated with Account <br> 1576 balance at WACC - Note 2 | $-190,423$ |
| Amount included in Deferral and Variance Account Rate Rider Calculation | $-1,713,805$ |


| WACC | $6.25 \%$ |
| ---: | ---: |
| \# of years of rate rider |  |
| disposition period | 2 |

## Notes:

1 For an applicant that made the capitalization and depreciation expense accounting policy changes on January 1, 2013, the PP\&E values as of January 1 , 2013 under both former CGAAP and revised CGAAP should be the same.
2 Return on rate base associated with Account 1576 balance is calculated as
the variance account opening balance as of 2014 rebasing year x WACC X \# of years of rate rider disposition period

* Please note that the calculation should be adjusted once WACC is updated and finalized in the rate application.

3 Account 1576 is cleared by including the total balance in the deferral and variance account rate rider calculation.
4 Net additions are additions net of disposals; Net depreciation is additions to depreciation net of disposals.

| File Number: | EB-2014-0073 |
| :--- | ---: |
|  |  |
| Exhibit: | 9 |
| Tab: | 3 |
| Schedule: | 8 |
| Page: | 1 of 1 |

Date Filed: May 29, 2014

3

## Account 1576 - Accounting Changes Under CGAPP

All changes related to IFRS conversion have been recorded under Account 1575 as Festival will be following IFRS accounting policies effective January 1, 2015. As such the appendices relating to account 1576 have not been completed as they have a zero balance at this time.

| Exhibit: | 9 |
| :--- | :--- |
| Tab: | 3 |
| Schedule: | 8 |

Date Filed: May 29, 2014

## Attachment 1 of 2

## OEB Appendix 2-BA1/BA2

Appendix 2-BA
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP


| Accumulated Depreciation |  |  |  |  |  |  | Net Book Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opening Balance |  | Additions |  | Disposals | Closing Balance |  |  |  |
| -\$ | 435,172 | -\$ | 17,466 |  | \$ | 452,638 | \$ | 64,566 |
|  |  |  |  |  | \$ | - | \$ | 1,217,819 |
| \$ | 989,234 | -\$ | 33,451 |  | \$ | 1,022,685 | \$ | 673,821 |
|  |  |  |  |  | \$ |  | \$ | 957 |
| -\$ | 1,325,666 | -\$ | 40,423 |  | \$ | 1,366,089 | \$ | 379,807 |
| -\$ | 4,371,395 | -\$ | 379,101 |  | \$ | 4,750,496 | \$ | 5,968,025 |
| -\$ | 4,924,102 | -\$ | 463,588 |  | \$ | 5,387,690 | \$ | 7,092,051 |
| \$ | 3,633,073 | -\$ | 247,740 |  | - | 3,880,813 | \$ | 2,896,521 |
| \$ | 9,679,965 | -\$ | 586,061 |  | -\$ | 10,266,026 | \$ | 5,654,601 |
| -\$ | 8,017,197 | -\$ | 510,873 |  | \$ | 8,528,070 | \$ | 6,254,031 |
| -\$ | 2,494,610 | -\$ | 179,024 |  | \$ | 2,673,634 | \$ | 2,203,809 |
| -\$ | 2,239,734 | -\$ | 118,934 |  | \$ | 2,358,668 | \$ | 1,380,948 |
|  |  |  |  |  | \$ |  | \$ | 512,780 |
| -\$ | 17,041 |  |  |  | \$ | 17,041 | \$ |  |
| -\$ | 51,450 | -\$ | 14,870 |  | \$ | 66,320 | \$ | 379,776 |
| -\$ | 21,798 |  |  |  | \$ | 21,798 | \$ |  |
| -\$ | 325,710 | -\$ | 6,956 |  | \$ | 332,666 | \$ | 33,773 |
| -\$ | 540,191 | -\$ | 0 |  | \$ | 540,191 | \$ |  |
| -\$ | 70,223 | -\$ | 5,451 |  | \$ | 75,674 | \$ |  |
| -\$ | 227,445 | -\$ | 37,183 |  | \$ | 264,628 | \$ | 75,317 |
| -\$ | 1,642,018 | -\$ | 214,010 | \$ 57,351 | \$ | 1,798,676 | \$ | 1,094,291 |
| -\$ | 36,199 |  |  |  | - | 36,199 | \$ |  |
| -\$ | 577,819 | -\$ | 27,611 |  | \$ | 605,430 | \$ | 151,156 |
| -\$ | 14,505 | -\$ | 5,101 |  | \$ | 19,606 | \$ | 19,564 |
| -\$ | 98,317 | -\$ | 5,144 |  | - | 103,461 | \$ | 3,067 |
| -\$ | 1,568 | -\$ | 785 |  | \$ | 2,353 | \$ | 5,490 |
| -\$ | 103,136 | -\$ | 24,512 |  | \$ | 127,648 | \$ | 117,471 |
| -\$ | 157,395 | -\$ | 30,087 |  | -\$ | 187,482 | \$ | 128,600 |
| \$ | 779,896 | \$ | 162,462 |  | 5 | 942,358 | -\$ | 3,356,223 |
|  |  |  |  |  | \$ | - | \$ | 44,951 |
|  |  |  |  |  | \$ | - | \$ | - |
| -\$ | 41,215,068 | -\$ | 2,785,908 | 57,351 | -\$ | 43,943,624 | \$ | 32,996,966 |
|  |  |  |  |  | \$ | - | \$ | - |
|  |  |  |  |  | \$ | - | -\$ | 924,403 |
| -\$ | 41,215,068 | -\$ | 2,785,908 | \$ 57,351 | -\$ | 43,943,624 | \$ | 32,072,563 |


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

Less: Fully Allocated Depreciatio
Transportation
\$ 225,118
Net Depreciation $\quad-\$ 2,560,790$

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 below).
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 column (F) must not include construction work in progress (CWIP).

Appendix 2-BA
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP

| CCA <br> Class | OEB | Description |
| :---: | :---: | :--- |
| 12 | 1611 | Computer Software (Formally known as Account <br> 1925) |
| N/A | 1805 | Land |
| 47 | 1808 | Buildings |
| 47 | 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ |
| 47 | 1820 | Distribution Station Equipment <50 kV |
| 47 | 1830 | Poles, Towers \& Fixtures |
| 47 | 1835 | Overhead Conductors \& Devices |
| 47 | 1840 | Underground Conduit |
| 47 | 1845 | Underground Conductors \& Devices |
| 47 | 185 | Line Transformers |
| 47 | 1855 | Services (Overhead \& Underground) |
| 47 | 1860 | Meters |
| 47 | 1890 | Major Spare parts |
| N/A | 1905 | Land |
| 47 | 1908 | Buildings \& Fixtures |
| 13 | 1910 | Leasehold Improvements |
| 8 | 1915 | Office Furniture \& Equipment (10 vears) |
| 10 | 1920 | Computer Equipment - Hardware |
| 45 | 1920 | Computer Equip.-Hardware(Post Mar. 22/04) |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) |
| 10 | 1930 | Transportation Equipment |
| 8 | 1935 | Stores Equipment |
| 8 | 1940 | Tools, Shop \& Garage Equipment |
| 8 | 1945 | Measurement \& Testing Equipment |
| 8 | 1955 | Communications Equipment |
| 8 | 1960 | Miscellaneous Equipment |
| 47 | 1970 | Load Management Controls Customer Premises |
| 47 | 1989 | System Supervisor Equipment |
| 47 | 1995 | Contributions \& Garants |
|  | 2075 | Non-utility property owned under capital lease |
|  |  |  |
|  |  |  |


| Cost |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opening Balance |  | Additions |  | Disposals |  | Closing Balance |  |
| \$ | 517,204 | \$ | 36,588 |  |  | \$ | 553,792 |
| \$ | 1,217,819 | \$ | 30,602 | -\$ | 8,787 | \$ | 1,239,634 |
| \$ | 1,696,506 |  |  | -\$ | 17,303 | \$ | 1,679,203 |
| \$ | 957 | \$ | 282,128 |  |  | \$ | 283,085 |
| \$ | 1,745,896 |  |  |  |  | \$ | 1,745,896 |
| \$ | 10,718,522 | \$ | 769,072 |  |  | S | 11,487,594 |
| \$ | 12,479,740 | \$ | 798,967 |  |  | \$ | 13,278,707 |
| \$ | 6,777,334 | \$ | 102,318 |  |  | \$ | 6,879,652 |
| \$ | 15,920,627 | \$ | 554,903 |  |  | S | 16,475,530 |
| \$ | 14,782,101 | \$ | 325,759 |  |  | \$ | 15,107,860 |
| \$ | 4,877,442 | \$ | 134,981 |  |  | \$ | 5,012,423 |
| \$ | 3,739,615 | \$ | 146,826 |  |  | \$ | 3,886,441 |
| \$ | 512,780 |  |  | -\$ | 90,433 | \$ | 422,346 |
| \$ | 17,041 |  |  |  |  |  | 17,041 |
| \$ | 446,096 | \$ | 45,631 |  |  | \$ | 491,727 |
| \$ | 21,798 |  |  |  |  | \$ | 21,798 |
| \$ | 366,439 | \$ | 12,585 |  |  | \$ | 379,024 |
| \$ | 540,191 |  |  |  |  | \$ | 540,191 |
| \$ | 75,674 |  |  |  |  | \$ | 75,674 |
| \$ | 339,945 | \$ | 18,384 |  |  | \$ | 358,330 |
| \$ | 2,892,967 | \$ | 79,873 | -\$ | 138,844 | \$ | 2,833,995 |
| \$ | 36,199 |  |  |  |  | S | 36,199 |
| \$ | 756,586 | \$ | 26,344 |  |  | \$ | 782,930 |
| \$ | 39,170 |  |  |  |  | \$ | 39,170 |
| \$ | 106,528 |  |  |  |  | \$ | 106,528 |
| \$ | 7,842 |  |  |  |  | \$ | 7,842 |
| \$ | 245,119 |  |  |  |  | \$ | 245,119 |
| \$ | 316,082 | \$ | 6,582 |  |  | 5 | 322,664 |
| -\$ | 4,298,581 | \$ | 106,480 |  |  | -\$ | 4,405,061 |
| \$ | 44,951 | S | 249,738 |  |  |  | 294,688 |
| S |  |  |  |  |  | \$ |  |


| Accumulated Depreciation |  |  |  |  |  |  |  | Net Book Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Opening <br> Balance | Additions |  | Disposals |  | Closing Balance |  |  |  |
| -\$ | 452,638 | -\$ | 23,565 |  |  | \$ | 476,203 | \$ | 77,589 |
| \$ |  |  |  |  |  | \$ |  | \$ | 1,239,634 |
| -\$ | 1,022,685 | -\$ | 32,759 | \$ | 11,072 | -\$ | 1,044,372 | \$ | 634,831 |
| \$ |  |  |  |  |  | \$ |  | \$ | 283,085 |
| -\$ | 1,366,089 | -\$ | 40,423 |  |  | -\$ | 1,406,512 | \$ | 339,384 |
| -\$ | 4,750,496 | -\$ | 391,955 |  |  | -\$ | 5,142,451 | \$ | 6,345,142 |
| -\$ | 5,387,690 | -\$ | 495,828 |  |  |  | 5,883,518 | \$ | 7,395,190 |
| -\$ | 3,880,813 | -\$ | 229,668 |  |  | - | 4,110,481 | \$ | 2,769,171 |
| -\$ | 10,266,026 | -\$ | 532,082 |  |  |  | 10,798,107 | \$ | 5,677,423 |
| -\$ | 8,528,070 | \$ | 513,921 |  |  | - | 9,041,991 | \$ | 6,065,869 |
| -\$ | 2,673,634 | \$ | 172,332 |  |  | - | 2,845,966 | \$ | 2,166,457 |
| -\$ | 2,358,668 | -\$ | 123,089 |  |  | \$ | 2,481,757 | \$ | 1,404,685 |
| \$ | - |  |  |  |  | \$ | - | \$ | 422,346 |
| -\$ | 17,041 |  |  |  |  | \$ | 17,041 |  |  |
| -\$ | 66,320 | -\$ | 15,857 |  |  | \$ | 82,177 | \$ | 409,550 |
| -\$ | 21,798 |  |  |  |  | \$ | 21,798 |  | - |
| -\$ | 332,666 | -\$ | 5,118 |  |  | \$ | 337,783 | \$ | 41,240 |
| -\$ | 540,191 |  |  |  |  | \$ | 540,191 | \$ | - |
| -\$ | 75,674 |  |  |  |  | \$ | 75,674 | \$ | - |
| -\$ | 264,628 | \$ | 39,654 |  |  | \$ | 304,282 | \$ | 54,047 |
| -\$ | 1,798,676 | -\$ | 256,135 | \$ | 138,844 | \$ | 1,915,967 | \$ | 918,029 |
| -\$ | 36,199 |  |  |  |  | \$ | 36,199 | \$ | - |
| -\$ | 605,430 | \$ | 29,466 |  |  | -\$ | 634,896 | \$ | 148,034 |
| -\$ | 19,606 | \$ | 3,465 |  |  | - | 23,072 | \$ | 16,098 |
| -\$ | 103,461 | \$ | 2,036 |  |  | -\$ | 105,498 |  | 1,030 |
| -\$ | 2,353 | -\$ | 784 |  |  | -\$ | 3,137 | S | 4,705 |
| -\$ | 127,648 | -\$ | 24,512 |  |  | -\$ | 152,160 |  | 92,959 |
| -\$ | 187,482 | -\$ | 31,937 |  |  | -\$ | 219,419 | S | 103,245 |
| \$ | 942,358 | \$ | 174,073 |  |  | \$ | 1,116,431 | S | 3,288,630 |
| \$ |  | -\$ | 7,367 |  |  | -\$ | 7,367 | \$ | 287,321 |
| \$ |  |  |  |  |  | \$ |  | \$ |  |


|  | Sub-Total | \$ | 76,940,590 | \$ | 3,514,804 | -\$ | 255,368 | \$ | 80,200,026 | -\$ | 43,943,624 | -\$ | 2,797,881 | \$ | 149,916 | \$ | 46,591,589 | \$ | 33,608,437 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less Socialized Renewable Energy Generation Investments (input as negative) |  |  |  |  |  |  | \$ | - |  |  |  |  |  |  | \$ | - | \$ | - |
|  | Less Other Non Rate-Regulated Utility Assets (input as negative) | - | 924,403 | -\$ | 562,468 |  |  | \$ | 1,486,870 |  |  | \$ | 7,367 |  |  | \$ | 7,367 | \$ | 1,479,503 |
|  | Total PP\&E | \$ | 76,016,187 | \$ | 2,952,336 | -\$ | 255,368 | \$ | 78,713,155 | -\$ | 43,943,624 | -\$ | 2,790,514 | \$ | 149,916 | -\$ | 46,584,221 | \$ | 32,128,934 |

```
10
Less: Fully Allocated Depreciation
Transportation 
Nores Equipment 
```

Appendix 2-BA
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP
Year 2012

| $\begin{aligned} & \hline \text { CCA } \\ & \text { Class } \\ & \hline \end{aligned}$ |  | Description | Cost |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Opening <br> Balance |  | Additions |  | Disposals |  | Closing Balance |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 553,792 | \$ | 169,877 |  |  | \$ | 723,669 |
| N/A | 1805 | Land | \$ | 1,239,634 | \$ | 189 |  |  | \$ | 1,239,823 |
| 47 | 1808 | Buildings | \$ | 1,679,203 |  |  |  |  | \$ | 1,679,203 |
| 47 | 1815 | Transformer Station Equipment $>50 \mathrm{kV}$ | \$ | 283,085 | \$ | 283,085 | \$ |  | \$ |  |
| 47 | 1820 | Distribution Station Equipment < 50 kV | \$ | 1,745,896 |  |  |  |  | \$ | 1,745,896 |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ | 11,487,594 | \$ | 864,643 |  |  | \$ | 12,352,237 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 13,278,707 | \$ | 676,435 |  |  | \$ | 13,955,142 |
| 47 | 1840 | Underground Conduit | \$ | 6,879,652 | \$ | 58,596 |  |  | \$ | 6,938,248 |
| 47 | 1845 | Underground Conductors \& Devices | \$ | 16,475,530 | \$ | 572,023 |  |  | \$ | 17,047,553 |
| 47 | 1850 | Line Transformers | \$ | 15,107,860 | \$ | 236,383 |  |  | \$ | 15,344,243 |
| 47 | 1855 | Services (Overhead \& Underground) | \$ | 5,012,423 | \$ | 201,417 |  |  | \$ | 5,213,840 |
| 47 | 1860 | Meters | \$ | 3,886,441 | \$ | 3,634,589 |  |  | \$ | 7,521,030 |
| 47 | 1890 | Major Spare parts | \$ | 422,346 | \$ | 66,863 |  |  | \$ | 489,209 |
| N/A | 1905 | Land | \$ | 17,041 |  |  |  |  | \$ | 17,041 |
| 47 | 1908 | Buildings \& Fixtures | \$ | 491,727 | \$ | 40,464 |  |  | \$ | 532,191 |
| 13 | 1910 | Leasehold Improvements | \$ | 21,798 |  |  |  |  | \$ | 21,798 |
| 8 | 1915 | Office Furniture \& Equipment (10 years) | \$ | 379,024 | \$ | 2,545 |  |  | \$ | 381,569 |
| 10 | 1920 | Computer Equipment - Hardware | \$ | 540,191 |  |  |  |  | \$ | 540,191 |
| 45 | 1920 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ | 75,674 |  |  |  |  | \$ | 75,674 |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | \$ | 358,330 | \$ | 125,752 |  |  | \$ | 484,082 |
| 10 | 1930 | Transportation Equipment | \$ | 2,833,995 | \$ | 349,576 | -\$ | 127,201 | \$ | 3,056,370 |
| 8 | 1935 | Stores Equipment | \$ | 36,199 |  |  |  |  | \$ | 36,199 |
| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ | 782,930 | \$ | 22,851 |  |  | \$ | 805,781 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ | 39,170 |  |  |  |  | \$ | 39,170 |
| 8 | 1955 | Communications Equipment | \$ | 106,528 |  |  |  |  | \$ | 106,528 |
| 8 | 1960 | Miscellaneous Equipment | \$ | 7,842 |  |  |  |  | \$ | 7,842 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ | 245,119 |  |  |  |  | \$ | 245,119 |
| 47 | 1980 | System Supervisor Equipment | \$ | 322,664 | \$ | 30,839 |  |  | \$ | 353,504 |
| 47 | 1995 | Contributions \& Grants | -\$ | 4,405,061 | - | 342,654 |  |  | \$ | 4,747,715 |
| 14 | 1609 | Intangible assets | \$ | - | \$ | 535,630 |  |  | \$ | 535,630 |
| 43.2 | 2075 | Non-utility property owned under capital lease | \$ | 294,688 |  |  |  |  | \$ | 294,688 |
| 47 | 2055 | Construction - work in progress | \$ | - | \$ | 8,113,559 |  |  | \$ | 8,113,559 |
|  |  | Sub-Total | \$ | 80,200,026 | \$ | 15,076,494 | -\$ | 127,201 | \$ | 95,149,318 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as neqative) |  |  |  |  |  |  | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (input as negative) | \$ | 1,486,870 | \$ | 8,366,293 |  |  | \$ | 9,853,163 |
|  |  | Total PP\&E | \$ | 78,713,155 | \$ | 6,710,201 | -\$ | 127,201 | \$ | 85,296,155 |


| Accumulated Depreciation |  |  |  |  |  |  | Net Book Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Opening <br> Balance |  | Additions |  | Disposals | Closing Balance |  |  |  |
| -\$ | 476,203 | -\$ | 89,358 |  | -\$ | 565,560 | \$ | 158,109 |
| \$ |  |  |  |  | \$ | - | \$ | 1,239,823 |
| -\$ | 1,044,372 | -\$ | 31,792 |  | -\$ | 1,076,164 | \$ | 603,039 |
| \$ | - |  |  |  | \$ | - | \$ | - |
| -\$ | 1,406,512 | -\$ | 40,423 |  | -\$ | 1,446,935 | \$ | 298,960 |
| -\$ | 5,142,451 | -\$ | 401,325 |  | -\$ | 5,543,777 | \$ | 6,808,460 |
| -\$ | 5,883,518 | -\$ | 533,754 |  | -\$ | 6,417,271 | \$ | 7,537,871 |
| -\$ | 4,110,481 | -\$ | 224,665 |  | -\$ | 4,335,147 | \$ | 2,603,102 |
| -\$ | 10,798,107 | -\$ | 532,637 |  | -\$ | 11,330,744 | \$ | 5,716,809 |
| -\$ | 9,041,991 | -\$ | 445,471 |  | -\$ | 9,487,462 | \$ | 5,856,781 |
| -\$ | 2,845,966 | -\$ | 174,147 |  | -\$ | 3,020,113 | \$ | 2,193,728 |
| -\$ | 2,481,757 | -\$ | 695,011 |  | -\$ | 3,176,768 | + | 4,344,263 |
| \$ |  |  |  |  | \$ |  | \$ | 489,209 |
| -\$ | 17,041 |  |  |  | -\$ | 17,041 | S | - |
| -\$ | 82,177 | -\$ | 18,437 |  | -\$ | 100,614 | \$ | 431,577 |
| -\$ | 21,798 |  |  |  | -\$ | 21,798 | S | - |
| -\$ | 337,783 | -\$ | 5,516 |  | -\$ | 343,300 | \$ | 38,269 |
| -\$ | 540,191 |  |  |  | -\$ | 540,191 | S | - |
| -\$ | 75,674 |  |  |  | -\$ | 75,674 | S | - |
| -\$ | 304,282 | -\$ | 56,546 |  | -\$ | 360,829 | S | 123,253 |
| -\$ | 1,915,967 | -\$ | 283,963 | \$ 127,201 | -\$ | 2,072,729 | \$ | 983,641 |
| -\$ | 36,199 |  |  |  | -\$ | 36,199 |  |  |
| -\$ | 634,896 | -\$ | 29,605 |  | -\$ | 664,501 |  | 141,280 |
| -\$ | 23,072 | -\$ | 3,220 |  | -\$ | 26,291 | S | 12,879 |
| -\$ | 105,498 | -\$ | 369 |  | -\$ | 105,866 | S | 662 |
| -\$ | 3,137 | -\$ | 784 |  | -\$ | 3,921 | S | 3,921 |
| -\$ | 152,160 | -\$ | 24,512 |  | -\$ | 176,672 | - | 68,447 |
| -\$ | 219,419 | -\$ | 33,808 |  | -\$ | 253,228 | \$ | 100,276 |
| \$ | 1,116,431 | \$ | 183,056 |  | \$ | 1,299,487 | -\$ | 3,448,228 |
| \$ | - |  |  |  | \$ | - |  | 535,630 |
| -\$ | 7,367 | -\$ | 14,734 |  | -\$ | 22,102 | \$ | 272,587 |
| \$ |  |  |  |  | \$ | 22, | \$ | 8,113,559 |
| -\$ | 46,591,589 | -\$ | 3,457,023 | \$ 127,201 | -\$ | 49,921,411 | \$ | 45,227,907 |
|  |  |  |  |  | \$ | - | \$ | - |
| \$ | 7,367 | \$ | 14,734 |  | \$ | 22,102 | -\$ | 9,831,062 |
| -\$ | 46,584,221 | -\$ | 3,442,289 | \$ 127,201 | -\$ | 49,899,309 | \$ | 35,396,846 |


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


| Less: Fully Allocated Depreciation |  |
| :--- | :--- | :--- |
| Transportation   <br> Stores Equipment  317,941 <br> Net Depreciation $-\$ 3,124,348$  |  |

Appendix 2-BA
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP

|  |  |  | "Old CGAAP" Year |  |  |  | 2013 without changing policies |  |  |  |  |  |  |  |  |  |  |  | Net Book Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Cost |  |  |  |  |  |  |  | Accumulated Depreciation |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { CCA } \\ & \text { Class } \\ & \hline \end{aligned}$ | OEB | Description | Opening Balance |  | Additions |  | Cost ${ }^{\text {Disposals }}$ |  | Closing Balance |  | Opening <br> Balance |  | Additions |  | Disposals |  | Closing Balance |  |  |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 723,669 | \$ | 92,110 | \$ | - | \$ | 815,779 | -\$ | 565,560 | -\$ | 63,112 | \$ | - | -\$ | 628,672 | \$ | 187,107 |
| N/A | 1805 | Land | \$ | 1,239,823 | \$ | 12,379 | -\$ | 913,473 | \$ | 338,729 | \$ |  | \$ |  | \$ | - | \$ | - | \$ | 338,729 |
| 47 | 1808 | Buildings | \$ | 1,679,203 | \$ | - | \$ | - | \$ | 1,679,203 | -\$ | 1,076,164 | -\$ | 31,555 | \$ | - | -\$ | 1,107,719 | \$ | 571,484 |
| 47 | 1820 | Distribution Station Equipment < 50 kV | \$ | 1,745,896 | \$ | - | \$ | - | \$ | 1,745,896 | -\$ | 1,446,935 | -\$ | 40,423 | \$ | - | -\$ | 1,487,358 | \$ | 258,537 |
| 47 | 1830 | Poles, Towers \& Fixtures | \$ | 12,352,237 | \$ | 835,016 | \$ |  | \$ | 13,187,253 | -\$ | 5,543,777 | -\$ | 602,030 | \$ | - | -\$ | 6,145,807 | \$ | 7,041,446 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 13,955,142 | \$ | 558,701 | \$ | - | \$ | 14,513,843 | -\$ | 6,417,271 | -\$ | 383,998 | \$ | - | -\$ | 6,801,269 | \$ | 7,712,574 |
| 47 | 1840 | Underground Conduit | \$ | 6,938,248 | \$ | 239,797 | \$ |  | \$ | 7,178,045 | -\$ | 4,335,147 | -\$ | 286,476 | \$ | - | -\$ | 4,621,623 | \$ | 2,556,423 |
| 47 | 1845 | Underground Conductors \& Devices | \$ | 17,047,553 | \$ | 1,053,596 | \$ |  | \$ | 18,101,149 | -\$ | 11,330,744 | -\$ | 530,546 | \$ | - | -\$ | 11,861,290 | \$ | 6,239,859 |
| 47 | 1850 | Line Transformers | \$ | 15,344,243 | \$ | 316,498 | \$ |  | \$ | 15,660,741 | -\$ | 9,487,462 | -\$ | 435,314 | \$ | - | -\$ | 9,922,776 | \$ | 5,737,965 |
| 47 | 1855 | Services (Overhead \& Underground) | \$ | 5,213,840 | \$ | 114,282 | \$ |  | \$ | 5,328,122 | -\$ | 3,020,113 | -\$ | 155,438 | \$ | - | -\$ | 3,175,551 | \$ | 2,152,572 |
| 47 | 1860 | Meters | \$ | 7,521,030 | \$ | 92,109 | \$ |  | \$ | 7,613,139 | -\$ | 3,176,768 | -\$ | 335,607 | \$ | - | -\$ | 3,512,375 | \$ | 4,100,765 |
| 47 | 1890 | Major Spare parts | \$ | 489,209 | \$ | - | -\$ | 20,263 | \$ | 468,946 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 468,946 |
| N/A | 1905 | Land | \$ | 17,041 | \$ | - | \$ |  | \$ | 17,041 | -\$ | 17,041 | \$ | - | \$ | - | -\$ | 17,041 | \$ |  |
| 47 | 1908 | Buildings \& Fixtures | \$ | 532,191 | \$ | 45,959 | \$ |  | \$ | 578,150 | -\$ | 100,614 | -\$ | 21,292 | \$ | - | -\$ | 121,906 | \$ | 456,244 |
| 13 | 1910 | Leasehold Improvements | \$ | 21,798 | \$ | - | \$ |  | \$ | 21,798 | -\$ | 21,798 | \$ | - | \$ | - | -\$ | 21,798 | \$ | - |
| 8 | 1915 | Office Furniture \& Equipment (10 years) | \$ | 381,569 | \$ | 3,684 | \$ |  | \$ | 385,253 | -\$ | 343,300 | -\$ | 5,828 | \$ | - | -\$ | 349,128 | \$ | 36,125 |
| 10 | 1920 | Computer Equipment - Hardware | \$ | 540,191 | \$ | - | \$ |  | \$ | 540,191 | -\$ | 540,191 |  | - | \$ | - | -\$ | 540,191 | \$ | - |
| 45 | 1920 | Computer Equip.-Hardware(Post Mar. 22/04) | \$ | 75,674 | \$ | - | \$ |  | \$ | 75,674 | -\$ | 75,674 | \$ | - | \$ | - | -\$ | 75,674 | \$ | - |
| 45.1 | 1920 | Computer Equip.-Hardware(Post Mar. 19/07) | \$ | 484,082 | \$ | 210,756 | \$ |  | \$ | 694,838 | -\$ | 360,829 | -\$ | 64,314 | \$ | - | -\$ | 425,143 | \$ | 269,695 |
| 10 | 1930 | Transportation Equipment | \$ | 3,056,370 | \$ | 32,154 | -\$ | 30,930 | \$ | 3,057,594 | -\$ | 2,072,729 | -\$ | 245,533 | \$ | 30,930 | -\$ | 2,287,332 | \$ | 770,262 |
| 8 | 1935 | Stores Equipment | \$ | 36,199 | \$ | - | \$ |  | \$ | 36,199 | -\$ | 36,199 | \$ | - | \$ | - | -\$ | 36,199 | \$ | - |
| 8 | 1940 | Tools, Shop \& Garage Equipment | \$ | 805,781 | \$ | 20,797 | \$ |  | \$ | 826,578 | -\$ | 664,501 | -\$ | 29,740 | \$ | - | -\$ | 694,241 | \$ | 132,337 |
| 8 | 1945 | Measurement \& Testing Equipment | \$ | 39,170 | \$ | - | \$ | - | \$ | 39,170 | -\$ | 26,291 | -\$ | 3,220 | \$ | - | -\$ | 29,511 | \$ | 9,659 |
| 8 | 1955 | Communications Equipment | \$ | 106,528 | \$ | - | \$ |  | \$ | 106,528 | -\$ | 105,866 | -\$ | 295 | \$ | - | -\$ | 106,161 | \$ | 367 |
| 8 | 1960 | Miscellaneous Equipment | \$ | 7,842 | \$ | - | \$ |  | \$ | 7,842 | -\$ | 3,921 | -\$ | 784 | \$ |  | -\$ | 4,705 | \$ | 3,137 |
| 47 | 1970 | Load Management Controls Customer Premises | \$ | 245,119 | \$ | - | \$ |  | \$ | 245,119 | -\$ | 176,672 | -\$ | 24,512 | \$ | - | -\$ | 201,184 | \$ | 43,935 |
| 47 | 1980 | System Supervisor Equipment | \$ | 353,504 | \$ | 23,847 | \$ |  | \$ | 377,351 | -\$ | 253,228 | -\$ | 17,476 | \$ |  | -\$ | 270,704 | \$ | 106,647 |
| 47 | 1995 | Contributions \& Grants | -\$ | 4,747,715 | -\$ | 148,758 | \$ |  | \$ | 4,896,473 | \$ | 1,299,487 | \$ | 192,884 | \$ | - | \$ | 1,492,371 | \$ | 3,404,102 |
| 14 | 1609 | Intangible assets | \$ | 535,630 | \$ | 1,610,864 | -\$ | 436,468 | \$ | 1,710,026 | \$ |  | -\$ | 18,278 | \$ | - | -\$ | 18,278 | \$ | 1,691,748 |
| 43.2 | 2075 | Non-utility property owned under capital lease | \$ | 294,688 | S |  | \$ |  | \$ | 294,688 | -\$ | 22,102 | -\$ | 14,734 | \$ |  | -\$ | 36,836 | \$ | 257,853 |
| 47 | 2055 | Construction - work in progress | \$ | 8,113,559 | \$ | 5,850,974 | -\$ | 13,964,533 | \$ | - | \$ | - | \$ | - | \$ | - | \$ |  | \$ | - |
|  |  | Sub-Total | \$ | 95,149,318 | \$ | 10,964,765 | -\$ | 15,365,667 | \$ | 90,748,416 | -\$ | 49,921,411 | -\$ | 3,117,621 | \$ | 30,930 | - | 53,008,102 | \$ | 37,740,314 |
|  |  | Less Socialized Renewable Energy Generation Investments (input as neqative) | \$ | - |  |  |  |  | \$ | - | \$ | - |  |  |  |  | \$ | - | \$ | - |
|  |  | Less Other Non Rate-Regulated Utility Assets (input as negative) | -\$ | 9,853,163 | -\$ | 5,756,000 | \$ | 15,314,474 | -\$ | 294,689 | \$ | 22,102 | \$ | 14,734 |  |  | \$ | 36,836 | \$ | 257,853 |



Appendix 2-BA
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP



Appendix 2-BA
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP


Appendix 2-BA Fixed Asset Continuity Schedule - MIFRS

|  |  |  | Year 2015 Pre IFRS 1 exmemption deeming opening NBV as cost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Cost |  |  |  |  |  |  |  | Accumulated Depreciation |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \hline \text { CCA } \\ & \text { Class } \end{aligned}$ | OEB | Description |  | Opening <br> Balance | Additions |  | Disposals |  | Closing Balance |  | Opening <br> Balance |  | Additions |  | Disposals |  | Closing Balance |  | Net Book Value |  |
| 12 | 1611 | Computer Software (Formally known as Account 1925) | \$ | 1,067,779 | \$ | 215,000 | -\$ | 270,770 | \$ | 1,012,009 | -\$ | 722,908 | -\$ | 124,901 | \$ | 270,770 | -\$ | 577,039 | \$ | 434,970 |
| N/A | 1805 | Land | S | 338,728 | \$ | 913,474 | \$ |  | \$ | 1,252,202 | \$ | - | \$ |  | \$ | - | \$ | - | \$ | 1,252,202 |
| 47 | 1808 | Buildings | S | 1,672,115 | \$ | - | -\$ | 200,763 | \$ | 1,471,352 | -\$ | 1,143,737 | -\$ | 41,812 | \$ | 129,923 | -\$ | 1,055,626 | \$ | 415,726 |
| 47 | 1815 | TS capital | S | - |  | 3,961,840 |  |  | \$ | 13,961,840 | \$ | - | -\$ | 667,058 |  |  | -\$ | 667,058 | \$ | 13,294,782 |
| 47 | 1820 | Distribution Station Equipment <50kV | S | 1,745,896 | \$ | - | -\$ | 744,161 | \$ | 1,001,735 | -\$ | 1,518,934 | -\$ | 27,835 | \$ | 742,783 | - | 803,986 | \$ | 197,749 |
| 47 | 1830 | Poles, Towers \& Fixtures | S | 17,844,373 | \$ | 633,784 | -\$ | 2,217,558 | \$ | 16,260,599 | -\$ | 8,002,061 | -\$ | 265,802 | \$ | 2,094,798 | -\$ | 6,173,065 | \$ | 10,087,534 |
| 47 | 1835 | Overhead Conductors \& Devices | \$ | 10,945,145 | \$ | 269,216 | -\$ | 1,594,522 | \$ | 9,619,839 | -\$ | 4,708,158 | -\$ | 135,973 | \$ | 1,516,574 | -\$ | 3,327,557 | \$ | 6,292,282 |



| Exhibit: | 9 |
| :--- | :--- |
| Tab: | 3 |
| Schedule: | 8 |

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## Attachment 2 of 2

## OEB Appendix 2-ED/EE

| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
| Schedule: | 8 |
| Attachment: | 2.1 |
|  |  |
| Page: | 1 of 1 |
| Filed on: | May 29, 2014 |

## 1 OEB Appendix 2ED/EE

3 Account 1576 has not been used by Festival due to the timing of our rebasing and our 4 conversion to MIFRS - and as such, the above noted appendices have not been completed for account 1576.

| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
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May 29, 2014

## Retail Service Charges

The credit balances with projected interest to Dec 31, 2014 in account \# 1518 Retail Cost Variance Account (RCVA) and account \#1548 RCVA STR of \$54,180 and \$1,433, respectively, do not exceed Festival's materiality level of $\$ 59,300$, and as such Festival has not provided any further details.

Festival does confirm that the costs recorded in accounts 1515 and 1548 are incremental costs associated with providing retailer services and that Festival has followed Article 490 of the APH Handbook, Retail Services and Settlement Variances. Festival requests disposition of the projected balances as part of Group 2 accounts and the continuation of these accounts into the 2015 test year.

Even though the annual amounts recorded in Acct 4082 retail service charge revenue, Acct 4084 STR Revenue and related incremental costs, and the year end balances in Acct 1518 and Acct 1548 do not exceed Festival's materiality limit, the following table provides the annual revenues, incremental costs drivers and the net balances being charged to the 1518 and 1548 variance accounts from 2010 through to test year 2015.

File Number:
EB-2014-0073

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## Retail Service Charges - Schedule of Revenues and Incremental Costs

Account \# 1518 Variance

|  | 2010 Actual |  | 2011 Actual |  | 2012 Actual ${ }^{2}$ |  | 2013 Actual ${ }^{2}$ Bridge Year |  |  |  | Test Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis | CGAAP |  | CGAAP |  | CGAAP |  | CGAAP |  | CGAAP |  | MIFRS |  |
| RSA- \$20 Monthly standard charge | \$ | 3,960 | \$ | 4,040 | \$ | 4,720 | \$ | 4,440 | \$ | 4,200 | \$ | 3,960 |
| RSA- Service agreement (per retailer) | \$ | 100 | \$ | 400 | \$ | 200 | \$ | - | \$ | 100 | \$ | 100 |
| RSA-- monthly variable charge (per cu | \$ | 22,573 | \$ | 19,404 | \$ | 14,918 | \$ | 13,088 | \$ | 11,836 | \$ | 10,737 |
| DCB- monthly charge (per customer) | \$ | 13,546 | \$ | 11,642 | \$ | 9,222 | \$ | 7,852 | \$ | 7,144 | \$ | 6,483 |
| Total 4082 Retail Service Charges | \$ | 40,179 | \$ | 35,486 | \$ | 29,060 | \$ | 25,380 | \$ | 23,280 | \$ | 21,280 |
| EBT Spoke and settlement costs | \$ | 20,764 | \$ | 21,259 | \$ | 21,131 | \$ | 21,854 | \$ | 20,660 | \$ | 19,969 |
| Software upgrades | \$ | - | \$ | 2,131 | \$ | - | \$ |  |  |  |  |  |
| Wages, benefits \& Admin | \$ | 1,120 | \$ | 8,587 | \$ | 2,694 | \$ | 594 | \$ | 500 | \$ | 500 |
| Total Incremental Expenses | \$ | 21,884 | \$ | 31,977 | \$ | 23,825 | \$ | 22,448 | \$ | 21,160 | \$ | 20,469 |
| Difference booked to 1518 | \$ | 18,295 | \$ | 3,509 | \$ | 5,235 | \$ | 2,932 | \$ | 2,120 | \$ | 811 |

Account \# 1548 Variance

|  | 2010 Actual |  | 2011 Actual |  | 2012 Actual ${ }^{2}$ |  | 2013 Actual ${ }^{2}$ Bridge Year |  |  |  | Test Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reporting Basis | CGAAP |  | CGAAP |  | CGAAP |  | CGAAP |  | CGAAP |  | MIFRS |  |
| STR - Processing Charges | \$ | 890 | \$ | 153 | \$ | 102 | \$ | 144 | \$ | 144 | \$ | 144 |
| STR - Request Fees | \$ | 657 | \$ | 176 | \$ | 188 | \$ | 152 | \$ | 152 | \$ | 152 |
| Total 4082 STR Fees | \$ | 1,547 | \$ | 329 | \$ | 290 | \$ | 296 | \$ | 296 | \$ | 296 |
| EBT Spoke and settlement costs | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Software upgrades | \$ | - | \$ | - | \$ | - | \$ | - |  |  |  |  |
| Wages, benefits \& Admin | \$ | 192 | \$ | 1,075 | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Incremental Expenses | \$ | 192 | \$ | 1,075 | \$ | - | \$ | - | \$ | - | \$ | - |
| Difference booked to 1548 | \$ | 1,355 | -\$ | 746 | \$ | 290 | \$ | 296 | \$ | 296 | \$ | 296 |

Note: 2011 additonal incremetnal labour and software costs were incurred in order to meetnew EBT requirements.

| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
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## LRAMVA

The Conservation and Demand Management Code ("CDM code") provides electrical distributors with the obligations and requirements to which they must comply in relations to the established CDM targets. The CDM code applies for the four year period January 1, 2011 to December 31, 2014.

Subsequently the Board issued on April 26, 2012 the "Guidelines for Electricity Distributors Conservation and Demand Management" (EB-2012-0003), which provided further guidance on certain provisions in the CDM code and details on the Lost Revenue adjustment mechanism ("LRAM") related to recovery of lost revenue arising from successful implementation of CDM programs under the CDM code.

In the Guidelines the Board established account \# 1568 LRAMVA to capture, at the customer class level, the difference between: the results of actual verified impacts of authorized CDM activities undertaken between 2011 and 2014 for Board Approved and OPA Contracted Province wide CDM programs in relation to activities undertaken by the distributors and the level of CDM activities included in the distributors load forecast (i.e. the level embedded in rates).
The OEB stated that distributors are generally expected to include CDM as part of their load forecast to ensure that ratepayers are realizing the true benefits of conservation at the earliest times possible and to mitigate the variance between forecasted and actual revenue losses.

When a distributor includes a CDM load reduction in its distribution rates, the amount of the forecast that was adjusted for would be compared to the actual CDM results verified by an independent third party for each year of the CDM program, evaluated according to the OPA's EM\& V Protocols as directed in the code.


Date Filed:


May 29, 2014

This amount is to be recorded in Acct \# 1568 and is subject to carrying charges. Distributors are expected to apply for disposition of the LRAMVA account in their next COS application.

Festival has been delivering OPA program since 2005, first funded through the last one-third MAR. Subsequently, Festival delivered the original OPA provincial programs, which were substantially completed in 2010 (although there was carry over into 2011; in particular the ERIP programs).

Festival has taken part in the OPA Province Wide programs between 2011 to 2014, and expects to meet both its mandatory energy consumption targets and demand targets. Festival expects to substantially spend all its OPA PAB funding and expect if any amounts are owing back that the amounts will be immaterial. To date, Festival has not requested any Board approved CDM programs.

Festival has relied on the most recent CDM evaluation reports available from the OPA. Festival has used its final OPA contracted province-wide CDM program results for both 2011 and 2012, and its preliminary results for 2013. The results for 2013 will be updated once the OPA provides the final results. The OPA reports are attached.

Festival engaged a third party to determine the lost revenue by rate class, which is also attached. In completing their analysis, the most recent inputs available at time of the evaluation have been used in calculating the lost revenue amount. Carrying charges have been applied. The table below identifies the lost revenues by year for each rate class. USL, sentinel lights and streetlighting are not included as there were no set programs for which they achieved results.

Lost Revenues related to OPA CDM programs

|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | Interst | Total |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Residential | 26,902 | 11,712 | 8,574 | 1,329 | 48,516 |
| G.S. < 50 KW | 17,715 | 11,157 | 4,820 | 949 | 34,641 |
| G.S. > 50 kW | 41,253 | 23,064 | 8,622 | 2,054 | 74,994 |
| Large Use | 19,608 | - | - | 552 | 20,160 |
|  | $\mathbf{1 0 5 , 4 7 7}$ | $\mathbf{4 5 , 9 3 3}$ | $\mathbf{2 2 , 0 1 6}$ | $\mathbf{4 , 8 8 4}$ | $\mathbf{1 7 8 , 3 1 1}$ |


| File Number: | EB-2014-0073 |
| :--- | ---: |
| Exhibit: | 9 |
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None of the load reductions arising from the OPA contracted province wide CDM programs for 2011 though to 2014 were factored into Festival's 2010 load forecast. The 2015 COS load forecast reflects the full impact of the 2011 to 2014 results.

The total amount with imputed interest to December 31, 2014 of $\$ 178,310$ has been included in the EDVAAR continuity schedule. Being the 2013 amount owing was not known at the time of the December 31, 2013 financial statement audit, it was not included in Festival's books as at that date. In order to record this amount on the continuity, the preliminary amount related to 2013 has been entered into column CJ in order to get the amount into the final claim.

The amounts listed above by rate class has been entered accordingly into the Allocation of Balances table in the EDVARR continuity file so that each rate class are responsible for the cost of their respective CDM savings. The amount is included in the final Rate Rider for DVA (excluding GA).

| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
| Schedule: | 10 |

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## Attachment 1 of 1

## LRAM \& CDM Reports

OPA Conservation \& Demand Management Programs
Initiative Results at End-User Leve
For: Festival Hydro

| Initiative Name |  |  | 2011 |  | 2012 |  | 2013 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Program Year | Results Status | $\begin{aligned} & \text { Net Summer } \\ & \text { Peak Demand } \\ & \text { Savings (kW) } \end{aligned}$ | $\begin{gathered} \text { Net Energy } \\ \text { Savings (kWh) } \end{gathered}$ | $\begin{array}{\|l\|} \hline \text { Net Summer } \\ \text { Peak Demand } \\ \text { Savings (kW) } \end{array}$ | Net Energy <br> Savings (kWh) | $\begin{array}{\|l\|} \hline \text { Net Summer } \\ \text { Peak Demand } \\ \text { Savings (kW) } \end{array}$ | $\begin{array}{\|c\|} \hline \text { Net Energy } \\ \text { Savings (kWh) } \end{array}$ | 2010 Rate May 1) | 2011 Rate (effective May 1) | 2012 Rate May 1) | 2013 Rate (effeective May 1) | LRAMVA 2011 | LRAMVA 2012 | LRAMVA 2013 |

Pre-2011 PROGRAMS COMPLETED IN 2011
Electricity Retrofit Incentiv

## 2011 Final PERSISTENCE IN 2012 PERSISTENCE IN 2013 kWh kWh kWh kWh



 GENERAL SERVICE $>50 \mathrm{~kW}$ to $4,999 \mathrm{~kW}$ TOTAL $\qquad$ $\begin{array}{lllll}\$ & 4,085.06 & \$ & 4,117.19 & \$ 4,149.43\end{array}$ TOTAL LRAMVA-Pre-2011 PROGRAMS COMPLETED IN $2011 \ldots \$ 4$

2011 OPA PROGRAM RESULTS

| Residential Service |  |  |  |  | PERSITTENCE IN 2012 |  | PERSISTENCE IN 2013 |  | kWh | kWh | kWh | kWh |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Appliance Retirement | 2011 | Final | 19.93 | 136,087 | 19.93 | 136,087 | 19.93 | 136,087 |  |  |  |  |  |  |  |  |  |  |
|  | General | 0.976 | 19.46 | 132.821 | 19.46 | 132.821 | 19.46 | 132.821 | 0.0163 | 0.0164 | 0.0166 | 0.0167 | \$ | 2,173.83 | \$ | 2,195.97 |  | 2,213.68 |
|  | Hensall | 0.024 | 0.48 | 3,266 | 0.48 | 3.266 | 0.48 | 3.266 | 0.0120 | 0.0134 | 0.0149 | 0.0162 | \$ | 42.24 | \$ | 47.03 | \$ | 51.50 |
| Appliance Exchange | 2011 | Final | 5.39 | 6,763 | 5.39 | 6,763 | 5.39 | 6,763 |  |  |  |  |  |  |  |  |  |  |
|  | General | 0.976 | 5.26 | 6.601 | 5.26 | 6.601 | 5.26 | 6.601 | 0.0163 | 0.0164 | 0.0166 | 0.0167 | \$ | 108.04 | \$ | 109.14 | \$ | 110.02 |
|  | Hensall | 0.024 | 0.13 | 162 | 0.13 | 162 | 0.13 | 162 | 0.0120 | 0.0134 | 0.0149 | 0.0162 | \$ | 2.10 | \$ | 2.34 | \$ | 2.56 |
| HVAC Incentives | 2011 | Final | 136.19 | 259,654 | 136.19 | 259,654 | 136.19 | 259,654 |  |  |  |  |  |  |  |  |  |  |
| 2011 adjustments |  |  | -18.00 | -34,906 | -18.00 | -34,906 | -18.00 | -34,906 |  |  |  |  |  |  |  |  |  |  |
|  | General | 0.976 | 115.35 | 219,354 | 115.35 | 219,354 | 115.35 | 219,354 | 0.0163 | 0.0164 | 0.0166 | 0.0167 | \$ | 3,590.09 | \$ | 3,626.65 | \$ | 3,655.90 |
|  | Hensall | 0.024 | 2.84 | 5,394 | 2.84 | 5,394 | 2.84 | 5,394 | 0.0120 | 0.0134 | 0.0149 | 0.0162 | \$ | 69.76 | \$ | 77.67 | \$ | 85.04 |
| Conservation Instant Coupon Booklet | 2011 | Final | 4.03 | 65,399 | 4.03 | 65,399 | 4.03 | 65,399 |  |  |  |  |  |  |  |  |  |  |
| 2011 adjustments |  |  |  | 964 |  | 964 |  | 964 |  |  |  |  |  |  |  |  |  |  |
|  | General | 0.9 | 3.93 | 64,770 | 3.93 | 64.770 | 3.93 | 64.770 | 0.0163 | 0.0164 | 0.0166 | 0.0167 | \$ | 1,060.07 | \$ | 1,070.86 | \$ | 1,079.50 |
|  | Hensall | 0.024 | 0.10 | 1.593 | 0.10 | 1.593 | 0.10 | 1.593 | 0.0120 | 0.0134 | 0.0149 | 0.0162 | \$ | 20.60 | \$ | 22.93 | \$ | 25.11 |
| Bi-Annual Retailer Event | 2011 | Final | 5.88 | 102,799 | 5.88 | 102,799 | 5.88 | 102,799 |  |  |  |  |  |  |  |  |  |  |
| 2011 adjustments |  |  |  | 7,638 |  | 7,638 |  | 7,638 |  |  |  |  |  |  |  |  |  |  |
|  | General | 0.976 | 5.74 | 107.787 | 5.74 | 107.787 | 5.74 | 107.787 | 0.0163 | 0.0164 | 0.0166 | 0.0167 | \$ | 1,764.11 | \$ | 1,782.08 | \$ | 1,796.45 |
|  | Hensall | 0.024 | 0.14 | 2,650 | 0.14 | 2,650 | 0.14 | 2,650 | 0.0120 | 0.0134 | 0.0149 | 0.0162 | \$ | 34.28 | \$ | 38.17 | \$ | 41.79 |
| Residential Demand Response |  | Final | 65.52 | 0 | 65.52 | 0 | 65.52 | 0 |  |  |  |  |  |  |  |  |  |  |
|  | General | 0.976 | 63.95 | 0 | 63.95 | 0 | 63.95 | 0 | 0.0163 | 0.0164 | 0.0166 | 0.0167 | \$ | - | \$ | - | \$ | - |
|  | Hensall | 0.024 | 1.57 | 0 | 1.57 | 0 | 1.57 | 0 | 0.0120 | 0.0134 | 0.0149 | 0.0162 | \$ | - | \$ | - | \$ | - |
| RESIDENTIAL TOTAL |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 8,865.12 | \$ | 8,972.84 | \$ | 9,061.54 |
| General Service $<50 \mathrm{~kW}$ |  |  |  |  | PERSIST | EIN 2012 | PERSIST | IN 2013 | kWh | kWh | kWh | kWh |  |  |  |  |  |  |
| Efficiency: Equipment Replacement | 2011 | Final | 10.62 | 37,217 | 10.62 | 37,217 | 10.62 | 37,217 | 0.0145 | 0.0145 | 0.0146 | 0.0147 | \$ | 539.64 | \$ | 542.12 | \$ | 545.84 |
| 2011 adjustments |  |  | 2.00 | 1,168 | 2.00 | 1,168 | 2.00 | 1,168 | 0.0145 | 0.0145 | 0.0146 | 0.0147 | \$ | 16.94 | \$ | 17.01 | \$ | 17.13 |
| Direct Install Lighting | 2011 | Final | 127.83 | 335,087 | 127.83 | 335,087 | 127.83 | 335,087 | 0.0145 | 0.0145 | 0.0146 | 0.0147 | \$ | 4,858.75 | \$ | 4,881.09 | \$ | 4,914.60 |
| 2011 adjustments |  |  | 5.00 | 11,580 | 5.00 | 11,580 | 5.00 | 11,580 | 0.0145 | 0.0145 | 0.0146 | 0.0147 | \$ | 167.91 | \$ | 168.68 | \$ | 169.84 |
| GENERAL SERVICE <50kW TOTAL |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 5,583.24 | \$ | 5,608.91 | \$ | 5,647.42 |
| General Service $>50 \mathrm{~kW}$ to $4,999 \mathrm{~kW}$ |  |  |  |  | PERSIST | EIN 2012 | PERSIST | IN 2013 | kW | kW | kW | kW |  |  |  |  |  |  |
| Efficiency: Equipment Replacement New Construction | 2011 | Final | 107.38 | 583,061 | 107.38 | 583,061 | 107.38 | 583,061 | 2.2579 | 2.2665 | 2.2889 | 2.3045 | \$ | 2,916.83 | \$ | 2,939.76 | \$ | 2,962.79 |
|  | 2011 | Final | 0.00 | 0 | 0.00 | , | 0.00 | , | 2.2579 | 2.2665 | 2.2889 | 2.3045 | \$ | - | \$ | - | \$ | - |
| 2011 adjustments |  |  | 238.69 | 1,341,638 | 238.69 | 1,341,638 | 238.69 | 1,341,638 | 2.2579 | 2.2665 | 2.2889 | 2.3045 | \$ | 6,483.56 | \$ | 6,534.54 | \$ | 6,585.71 |
| Energy Audit | 2011 | Final | 0.00 | 0 | 0.00 | , | 0.00 | 0 | 2.2579 | 2.2665 | 2.2889 | 2.3045 | \$ |  | \$ |  | \$ |  |
| 2011 adjustments |  |  | 5.00 | 25,176 | 5.00 | 25,176 | 5.00 | 25,176 | 2.2579 | 2.2665 | 2.2889 | 2.3045 | \$ | 135.82 | \$ | 136.89 | \$ | 137.96 |
| Demand Response 3 | 2011 | Final | 68.00 | 2,665 |  |  |  |  | 0.9922 | 0.9881 | 0.991 | 0.998 | \$ | 67.47 |  |  |  |  |
| GENERAL SERVICE $\times 50 \mathrm{~kW}$ to 4,999kW TOTAL |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 9,603.67 | \$ | 9,611.19 | \$ | 9,686.46 |
| Large Use |  |  |  |  | PERSISTENCE IN 2012 |  | PERSISTENCE IN 2013 |  | kW | kW | kW | kW |  |  |  |  |  |  |
| New Construction | 2011 | Final | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.9922 | 0.9881 | 0.9908 | 0.9975 | \$ |  | \$ |  | \$ |  |
| 2011 adjustments |  |  | 549.31 | 2,079,477 | 549.31 | 2,079,477 | 549.31 | 2,079,477 | 0.9922 | 0.9881 | 0.9908 | 0.9975 | \$ | 6,522.34 | \$ | 6,525.20 | \$ | 6,560.57 |
| LARGE USE TOTAL |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 6,522.34 | \$ | 6,525.20 | \$ | 6,560.57 |
| TOTAL LRAMVA - 2011 OPA PROGRAM RESULTS |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 30,574.38 | \$ | 30,718.14 |  | 30,955.99 |

OPA Conservation \& Demand Management Programs
Initiative Results at End-User Leve
For: Festival Hydro


OPA Conservation \& Demand Management Programs
Initiative Results at End-User Leve
For: Festival Hydro



## Festival Hydro

LRAMVA Breakdown by Year

|  | LRAMVA |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Program Year | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ |  |  |
| $\mathbf{2 0 1 1}$ | $\$$ | $34,949.69$ | $\$$ | $35,126.91$ | $\$$ |
| $\mathbf{2 0 1 2}$ |  |  | $35,399.00$ |  |  |
| $\mathbf{2 0 1 3}$ |  | $\$$ | $22,952.08$ | $\$$ | $22,981.40$ |



| Program Year | kWh |  |  |
| :---: | :---: | :---: | :---: |
|  | 2011 | 2012 | 2013 |
| 2011 | 5,678,148 | 5,675,483 | 5,675,483 |
| Residential Service | 544,398 | 544,398 | 544,398 |
| General | 531,332 | 531,332 | 531,332 |
| Hensall | 13,066 | 13,066 | 13,066 |
| General Service <50kW | 405,068 | 405,068 | 405,068 |
| General Service >50kW to 4,999kW | 2,649,205 | 2,646,540 | 2,646,540 |
| Large Use | 2,079,477 | 2,079,477 | 2,079,477 |
| 2012 |  | 3,002,137 | 3,000,759 |
| Residential Service |  | 353,531 | 353,531 |
| General |  | 345,166 | 345,166 |
| Hensall |  | 8,365 | 8,365 |
| General Service <50kW |  | 381,660 | 381,660 |
| General Service >50kW to 4,999kW |  | 2,266,946 | 2,265,568 |
| Large Use |  |  |  |
| 2013 |  |  | 2,377,932 |
| Residential Service |  |  | 514,831 |
| General |  |  | 507,130 |
| Hensall |  |  | 7,701 |
| General Service <50kW |  |  | 328,628 |
| General Service >50kW to 4,999kW |  |  | 1,534,473 |
| Large Use |  |  |  |


| $5,678,148$ | $8,677,620$ | $11,054,174$ | $25,409,943$ |
| ---: | ---: | ---: | ---: |


| Program |  |  |  | Gross Savings |  |  |  | Net Savings |  | Contribution to Targets |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Incremental Peak Demand Savings <br> (kW) | Incremental Energy Savings (kWh) |  |  | Incremental Peak Demand Savings <br> (kW) | Incremental Energy Savings (kWh) | Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 | Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) |
| Consumer Program Total |  |  |  | 352 | 869,073 |  |  | 237 | 570,702 | 167 | 2,278,741 |
| Business Program Total |  |  |  | 281 | 623,328 |  |  | 248 | 530,281 | 154 | 2,037,134 |
| Industrial Program Total |  |  |  | 89 | 601,032 |  |  | 66 | 427,748 | 66 | 1,710,993 |
| Home Assistance Program Total |  |  |  | 0 | 0 |  |  | 0 | 0 | 0 | 0 |
| Pre-2011 Programs completed in 2011 Total |  |  |  | 298 | 1,378,376 |  |  | 155 | 716,682 | 155 | 2,866,728 |
| Total OPA Contracted Province-Wide CDM Programs |  |  |  | 1,019 | 3,471,809 |  |  | 705 | 2,245,414 | 541 | 8,893,595 |
| (1) Table 4: Evaluation Results |  |  |  |  |  |  |  |  |  |  |  |
| \# Initiative |  | Realization Rate |  | Gross Savings |  | Net-to-Gross Ratio |  | Net Savings |  | Contribution to Targets |  |
|  |  | Peak Demand Savings | Energy Savings | Incremental Peak Demand Savings (kW) | Incremental Energy Savings (kWh) | Peak Demand Savings | Energy Savings | $\begin{array}{\|c} \text { Incremental Peak } \\ \text { Demand Savings } \\ \text { (kW) } \end{array}$ | Incremental Energy Savings (kWh) | Program-to-Date: Net Annual Peak Demand Savings (kW) in 2014 | Program-to-Date: 2011-2014 Net Cumulative Energy Savings (kWh) |
| Consumer Program |  |  |  |  |  |  |  |  |  |  |  |
| 1. | Appliance Retirement | 100\% | 100\% | 40 | 267,345 | 50\% | 52\% | 20 | 136,087 | 19 | 543,135 |
| 2 | Appliance Exchange | 100\% | 100\% | 10 | 13,123 | 52\% | 52\% | 5 | 6,763 | 2 | 24,197 |
| 3. | HVAC Incentives | 100\% | 100\% | 227 | 435,131 | 60\% | 60\% | 136 | 259,654 | 136 | 1,038,616 |
| 4. | Conservation Instant Coupon Booklet | 100\% | 100\% | 4 | 59,377 | 11488 | 111\% | 4 | 65,399 | 4 | 261,594 |
| 5 | Bi-Annual Retailer Event | 100\% | 100\% | 5 | 94,096 | $1133 \%$ | 110\% | 6 | 102,799 | 6 | 411,198 |
| 6 | Retailer Co-op | - | - | $\bigcirc$ | $\bigcirc$ | - | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | - |
| 7. | Residential Demand Response | 0\% | 0\% | 66 | $\bigcirc$ | $\cdots$ | $\cdots$ | 66 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 8 | Residential New Construction | - | - | 0 | 0 | - | $\cdots$ | 0 | 0 | 0 | 0 |
| Business Program |  |  |  |  |  |  |  |  |  |  |  |
| 9. | Efficiencr: Equipment Replacement | 95\% | 123\% | 72 | 259,788 | 73\% | 74\% | 52 | 192,530 | 52 | 770,119 |
| 10 | Direct Install Lighting | 108\% | 90\% | 119 | 360,875 | 93\% | 93\% | 128 | 335,087 | 101 | 1,264,349 |
| 11 | Existing Building Commmissioning Incentive | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 12 | New Construction and Major Renovation Incentive | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 13 | Energy Audit | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 0 |
| 14 | Commercial Demand Response (part of the Residential program schedule) | \% | 0\% | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 15 | Demand Response 3 (part of the Industrial program schedule) | 76\% | 100\% | 90 | 2,665 | n/8 | $\mathrm{n} / \mathrm{s}$ | 68 | 2,665 | 0 | 2,665 |
| Industrial Program |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Process \& System Upgrades | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 17 | Monitoring \& Targeting | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 18 | Enersy Manager | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 19 | Efficiency: Equipment Replacement Incentive (part of the Cal program schedule) | 100\% | 103\% | 89 | 601,032 | 75\% | 72\% | 66 | 427,748 | 66 | 1,710,993 |
| 20 | Demand Response 3 | 84\% | 100\% | 0 | - | $\mathrm{n} / \mathrm{s}$ | $\mathrm{n} / \mathrm{s}$ | 0 | - | 0 | - |
| Home Assistance Program |  |  |  |  |  |  |  |  |  |  |  |
|  | Home Assistance Program | - | - | $\bigcirc$ | 0 | - | - | 0 | $\bigcirc$ | 0 | 0 |
| Pre-2011 Programs completed in 2011 |  |  |  |  |  |  |  |  |  |  |  |
| 22. | Electricity Retrofit Incentive Program | 77\% | 77\% | 297 | 1,374,694 | 52\% | 52\% | 154 | 714,841 | 154 | 2,859,364 |
| 23 | High Performance New Construction | 100\% | 100\% | 1 | 3,682 | 50\% | 50\% | $\bigcirc$ | 1,841 | 0 | 7,365 |
| 24 | Toronto Comprehensive | $\cdots$ | $\cdots$ | $\bigcirc$ | 0 | $\cdots$ | $\cdots$ | 0 | $\bigcirc$ | 0 | 0 |
| 25 | Multifa mily Enerery Efficiency Rebates | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 26 | Data Centre Incentive Program | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\cdots$ | $\cdots$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| 27. | EnWin Green Suites | . | - | 0 | 0 | - | - | 0 | - | - | - |

Assumes demand response resources have a persistence of 1 year


| Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) |  |  |  | Program-to-Date Verified Progress to Target (excludes DR) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2014 Net Annual Peak Demand Savings (kW) $\qquad$ <br> 2014 | 2011-2014 NetCumulative EnergySavines (kwh)2014 |
| 2011 | 2012 | 2013 | 2014 |  |  |
| 136,087 | 113,761 |  |  | 35 | 884,418 |
| 6,763 | 13,734 |  |  | 10 | 65,399 |
| 259,654 | 122,478 |  |  | 204 | 1,406,099 |
| 65,399 | 4,891 |  |  | 5 | 276,267 |
| 102,799 | 93,664 |  |  | 11 | 692,250 |
| , | 0 |  |  | 0 | 0 |
| $\bigcirc$ | 0 |  |  | 0 | 0 |
| - |  |  |  |  |  |
|  | $\bigcirc$ |  |  | 0 | - |
|  | 348,547 |  |  | 265 | 3,324,383 |
| 192,530 | 2,318,360 |  |  |  | 72109 |
| 192,530 | 242,528 |  |  | 162 | 1,938,463 |
| 33,007 | 0 |  |  | 0 | $\bigcirc$ |
| 0 | 35,487 |  |  | 10 | 106,460 |
| - | 50,353 |  |  | 10 | 151,058 |
| $\bigcirc$ | 0 |  |  | 0 | 0 |
| 0 |  |  |  | $\bigcirc$ | 0 |
| $\frac{2,665}{530,281}$ | 995 |  |  |  | 3,660 |
|  | 2,648,233 |  |  | 670 | 9,970,650 |
| $\bigcirc$ | $\bigcirc$ |  |  |  |  |
| 0 | 0 |  |  | 0 | 0 |
| $\bigcirc$ | 0 |  |  | 0 | 0 |
| 427,748 |  |  |  | 66 | 1,710,993 |
| 0 | 0 |  |  | 0 | 0 |
| 427,748 | 0 |  |  | 66 | 1,710,993 |
| $\bigcirc$ | 4.983 |  |  | - | 14.949 |
| 0 | 4,983 |  |  | 0 | 14,949 |
| 714,841 |  |  |  |  |  |
|  | 0 |  |  | 154 | 2,859,364 |
| 1,841 | 383 |  |  | 1 | 8,514 |
| $\bigcirc$ | 0 |  |  | $\bigcirc$ | $\bigcirc$ |
| $\bigcirc$ | 0 |  |  | 0 | 0 |
| $\bigcirc$ | 0 |  |  | $\bigcirc$ | 0 |
| 716,682 | 383 |  |  | 155 | 2,867,877 |
| $\bigcirc$ | 0 |  |  | 0 | 0 |
| - |  |  |  |  |  |
|  | 0 |  |  | 0 | . |
|  | 3,432,735 |  |  | 783 | 13,730,939 |
| 2,242,749 | 3,001,141 |  |  | 1,156 | 17,885,192 |
| $\frac{2,2,665}{2,255,414}$ | 995 |  |  | 0 | 3,660 |
|  | 6,434,871 |  |  | 1,939 | 31,619,791 |
|  |  | Full | 3 Target: | 6,230 | 29,250,000 |
| \% of full oeb target Achieved to Date (Scenario 1): |  |  |  | 31.1\% | 108.1\% |



- Attivity savings for Demand Response resources for each year and quarter

1, 2011 .
Festival Hydro Inc.

| Initative | Unit | Incremental Activity (new program activity occurring within the specified reporting period) |  |  |  | Net Incremental Peak Demand Savings (kw) (new peak demand savings from activity within the specified reporting period) |  |  |  | Net Incremental Energy Savings (kwh) (new energy savings from activity within the specified reporting period |  |  |  | Program-to-Date Unverified Progress to Target (excludes DR) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2011 Adj. | 2012 | 2013 | 2014 |  |  | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 Appliance Retirement | Appliances | 329 | 287 | 245 |  | 20 | 17 | 14 |  | 136,087 | 113,761 | 97,708 |  | 49 | 1,079,833 |
| Appliance Exchange | Appliances | 52 | 53 | 30 |  |  |  |  |  | 6,763 | 13,734 | 8,030 |  | 14 | 81,459 |
| 3 HVAC Incentives | Equipment | 388 | 279 | 234 |  | 136 | 68 | 55 |  | 259,654 | 122,478 | 97,822 |  | 259 | 1,601,812 |
| 4 Conseration instant coupon Booklet | measures | 1,780 | 108 | 365 |  | 4 | 1 | 1 |  | 65,399 | 4,991 | 10,977 |  |  | 298,222 |
| 5 Sil-Annual Retaile Event | measures | 3,331 | 3,711 | 3,682 |  | 6 | 5 | 6 |  | 102,799 | 93,64 | 106,273 |  | 7 | 904,796 |
| Retailer co-op | trems |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 Residential Demand Response (switch/pstat). | Devices | 117 |  |  |  | 66 |  |  |  |  |  |  |  |  |  |
| 8 8 Residential Demand Response (IHD) | Devices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 Residential New Construction | Homes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Consumer Program Total |  |  |  |  |  | 237 | 99 | 81 |  | 570,702 | 348,548 | 320,870 |  | 344 | 3,966,122 |
| Stass Prozim |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{10}$ Retrofit | Projects | ${ }^{13}$ | 54 | 60 |  | 52 | 436 | 287 |  | 192,530 | 2,318,360 | 1,638,332 |  | 774 | 10,997,674 |
| 11 Direct Install Lieghting | Projects | 123 | ${ }^{30}$ | 24 |  | 128 | 62 | 36 |  | 335,087 | 242,528 | 164,795 |  | 198 | 2,318,052 |
| 12 Evilding commissioning | Suildings |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 New construction | Euildings | 2 | 3 |  |  |  | 10 |  |  |  | 35,487 |  |  | 10 | 106,460 |
| 14 Energy Audit | Audits | 1 | 2 | 2 |  |  | 10 | 10 |  |  | 50,353 | 50,353 |  | 21 | 251,763 |
| 15 Small commercial Demand Response (switch/pstat). | Devices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 Small commercial Demand Response (HD) | Devices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $17{ }^{1}$ Demand Response $3^{*}$ | Fracitities | 1 | 1 | 1 |  | 68 | 68 | 68 |  | 2,665 | 995 | 995 |  |  | 4,655 |
| Business Program Total <br> netustim Proyem |  |  |  |  |  | 248 | 586 | 401 |  | 530,282 | 2,648,223 | 1,554,475 |  | 1,003 | 13,678,604 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{15}$ Process \& System Upgrades | Projects |  |  | . |  |  |  |  |  |  |  |  |  |  |  |
| 19.0 Monitoring \& Targeting | Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 Energy Manazer | Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 Retrofit | Projects | ${ }^{8}$ |  |  |  | 66 |  |  |  | 427,748 |  |  |  | 66 | 1,710,993 |
|  |  |  |  | 2 |  | 66 |  | ${ }_{358}$ |  | 427,748 |  | ${ }_{8,626}^{8,626}$ |  | 66 | 1,719,619 |
| Home Assistarce Progam |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 Home Assistance Program | \|Homes |  | 6 | 288 |  |  |  | 19 |  |  | 4,983 | 193,961 |  | 19 | 402,872 |
| Home Assistance Program Total |  |  |  |  |  |  |  | 19 |  |  | 4,983 | 193,961 |  | 19 | 402,872 |
| Atorimal Pricim |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 Aboriginal Program <br> Aboriginal Program Tota <br> Homes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | . |  | - |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 Electricity Retroft Incentive Program | ${ }_{\text {Projects }}^{\text {Projets }}$ | ${ }^{23}$ |  |  |  | 154 |  |  |  | 714,841 1,841 | 383 |  |  | 154 |  |
| 27 Toronto comprehensive | Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28. Multifamily Energy Efficiency Rebates | Projects |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pre-2011 Programs completed in 2011 Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 154 | , | - |  | 716,682 | 383 | - |  | 155 | 2,887,878 |
| Oner |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 Program Enabled Savines | Projects | . |  |  |  |  |  |  |  | - |  | , |  |  |  |
| 31 Time of-Use Savings | Homes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other Total |  |  |  |  |  | - |  | - |  |  |  |  |  |  |  |
| Adjustment to Previous Year's Verified Results |  |  |  |  |  | 571 | ${ }_{617} 7$ | 433 |  | 2,242,749 | 3,432,735 $3,001,142$ | 2,368,311 |  | 783 1,58 | $\frac{13,730,939}{22,621,814}$ |
|  |  |  |  |  |  | 134 | 68 | ${ }_{426}$ |  | 2,665 | 995 | 9,621 |  |  | 13,281 |
| Demand Response Total (Scenario 1) OPA-Contracted LDC Portfolio Total |  |  |  |  |  | 705 | 1,468 | 859 |  | 2,245,414 | 6,934,872 | 2,377,932 |  | 2,370 | 36,366,034 |
| Activity \& savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1 2011 |  | Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD resulte have been deemed inconclusive. The IHD line item for 2012 \& 2013 will be left blank until the savings are quantified in the 2013 evaluation. |  |  |  |  |  |  |  | \% of full OEB Target Achieved to Date (scenario 1): |  |  |  | 6,200 | 29,300,000 |
|  |  | 38\% | $124 \%$ <br> ONTARIO <br> ONI |  |  |  |  |  |  |
| estival Hydro inc. |  |  |  |  |  |  |  |  |  |  | OPA Q 202013 CDM status Report |  |  |  |  |  |  |  |  |  |  |  |  |

Festival Hydro
RETROFIT Completed projects

|  | 2011 |  |  |  | 2012 |  |  |  | 2013 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | kW |  | kWh |  | kW |  | kWh |  | kW |  | kWh |
| OPA NET |  | 120.00 |  | 621,446 |  | 436 |  | 2,318,860 |  | 287.00 |  | 1,638,332 |
| GS < 50 | 9\% | 12.62 | 6\% | 38,385 | 9\% | 39.24 | 6\% | 139,132 | 7\% | 20.09 | 10\% | 163,833 |
| GS > 50 | 91\% | 107.38 | 94\% | 583,061 | 91\% | 396.76 | 94\% | 2,179,728 | 93\% | 266.91 | 90\% | 1,474,499 |

## METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

| EQUATIONS |  |
| :--- | :--- |
| Prescriptive <br> Measures and <br> Projects | Gross Savings = Activity * Per Unit Assumption <br> Net Savings = Gross Savings * Net-to-Gross Ratio <br> All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| Engineered and <br> Custom Projects | Gross Savings = Reported Savings * Realization Rate <br> Net Savings = Gross Savings * Net-to-Gross Ratio <br> All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| Demand Response | Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio <br> Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW <br> All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR) |
| Adjustments to <br> Previous Year's <br> Verified Results | All errors and omissions from the prior years Final Annual Results report will be adjusted within this report. Any errors and ommissions with <br> regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings. |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Consumer Program |  |  |  |
| Appliance Retirement | Includes both retail and home pickup stream; Retail stream allocated based on average of 2008 \& 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection | Savings are considered to begin in the year the appliance is picked up. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Appliance Exchange | When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 \& 2009 residential throughput | Savings are considered to begin in the year that the exchange event occurred |  |
| HVAC Incentives | Results directly attributed to LDC based on customer postal code | Savings are considered to begin in the year that the installation occurred |  |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Conservation Instant Coupon Booklet | LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 \& 2009 residential throughput | Savings are considered to begin in the year in which the coupon was redeemed. | Peak demand and energy savings are |
| Bi-Annual Retailer Event | Results are allocated based on average of 2008 \& 2009 residential throughput | Savings are considered to begin in the year in which the event occurs. | at the measure level. |
| Retailer Co-op | When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 \& 2009 residential throughput. | Savings are considered to begin in the year of the home visit and installation date. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Residential Demand Response | Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists | Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS ${ }^{\text {mM }}$ participant agreement. | Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any "snapback" in energy consumption experienced after the event. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated. |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Residential New Construction | Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case. | Savings are considered to begin in the year of the project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Business Program |  |  |  |
| Efficiency: <br> Equipment <br> Replacement | Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping | Savings are considered to begin in the year of the actual project completion date on the iCON CRM system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
|  | Additional Note: project counts were derived by filtering out "Application Status" = "Post-Project Submission - Payment denied by LDC" and only including projects with an "Actual Project Completion Date" in 2012 and pulling both the "Application Name" field followed by the "Building Address 1" field from the Post Stage Retrofit Report and finally performing a count of the Building Addresses. |  |  |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Direct Installed Lighting | Results are directly attributed to LDC based on the LDC specified on the work order | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as freeridership and spillover for both peak demand and energy savings at the program level (net). |
| Existing Building Commissioning Incentive | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011 or 2012. | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and |
| New Construction and Major Renovation Incentive | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year of the actual project completion date. | reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). |
| Energy Audit | Projects are directly attributed to LDC based on LDC identified in the application | Savings are considered to begin in the year of the audit date. | Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Commercial <br> Demand Response <br> (part of the <br> Residential program <br> schedule) | Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists | Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS ${ }^{\text {ma }}$ participant agreement. | Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated. |
| Demand Response 3 (part of the Industrial program schedule) | Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level. | Savings are considered to begin in the year in which the contributor signed up to participate in demand response. | Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled nonperformances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource. |
| Industrial Program |  |  |  |
| Process \& System Upgrades | Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated, no completed projects in 2011 or 2012. | Savings are considered to begin in the year in which the incentive project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :--- | :--- | :--- | :--- |\(\left.| \begin{array}{l}Peak demand and energy savings are <br>

determined by the total savings from a given <br>
project as reported (reported). A realization rate <br>
is applied to the reported savings to ensure that\end{array}\right\}\)

| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Efficiency: <br> Equipment Replacement Incentive (part of the C\&I program schedule) | Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping | Savings are considered to begin in the year of the actual project completion date on the iCON CRM system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with $\mathrm{EM} \& \mathrm{~V}$ protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
| Demand Response 3 | Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level. | Savings are considered to begin in the year in which the contributor signed up to participate in demand response. | Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled nonperformances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource. |
| Home Assistance Program |  |  |  |



| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Multifamily Energy Efficiency Rebates | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation | Savings are considered to begin in the year in which a project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluationreports). |
| Data Centre Incentive Program | Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation |  |  |
| EnWin Green Suites | Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation |  |  |

## Message from the Vice President:

The OPA is pleased to provide you with the enclosed Final 2012 Results Report. We have seen a $39 \%$ increase in energy savings for our new province-wide 2011-2014 suite of saveONenergy initiatives. Overall progress to targets is moving up with $29 \%$ of demand and $65 \%$ of energy savings achieved. Many LDCs, both large and small, continue to stay on track to meet or exceed their OEB targets. Conservation programs continue to be a valuable and cost effective resource for customers across the province, over the past two years the program cost to consumers remains within 3 cents per kWh.

Further to programmatic savings, capability building efforts launched in 2011 are yielding healthy enabled savings through Embedded Energy Managers and Audit initiative projects. The strong momentum continues in 2013.

We remain committed to ensuring LDCs are successful in meeting their objectives and our collective efforts to date have improved the current program suite by offering more local program opportunities, implementing a new expedited change management process, and enhancing incentives to make it easier for customers to participate in programs. We invite you to continue to provide your feedback to us and to celebrate our successes as we move forward.

The format of this report was developed in collaboration with the OPA-LDC Reporting and Evaluation Working Group and is designed to help populate LDC annual report templates that will be submitted to the OEB in late September. All results are now considered final for 2012. Any additional 2012 program activity not captured will be reported in the Final 2013 Results Report.

Please continue to monitor saveONenergy E-blasts for any further updates and should you have any other questions or comments please contact LDC.Support@powerauthority.on.ca.

We appreciate your ongoing collaboration and cooperation throughout the reporting and evaluation process. We look forward to another successful year.

Sincerely,


Andrew Pride

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| 2.0 LDC-Specific Data | Table formats, section references and table numbers align with the OEB Reporting Template. | 5 |
| 2.1 LDC - Results | Provides LDC-specific initiative-level results (activity, net and gross peak demand and energy savings, and how each initiative contributes to target). | 5 |
| 2.2 LDC - Adjustments to Previous Year | Provides LDC specific initiative level true-up results from previous year (activity, net and gross peak demand and energy savings, and how each initiative contributes to target). | 6 |
| 2.3 LDC - NTGs | Provides LDC-specific initiative-level realization rates and net-to-gross ratios. | 7 |
| 2.4 LDC - Summary | Provides a portfolio level view of achievement towards your OEB targets to date. Contains space to input LDC-specific progress to milestones set out in your CDM Strategy. | 8 |
| 3.0 Province-Wide Data | LDC performance in aggregate (province-wide results) | 9 |
| 3.1 Provincial - Results | Provides province-wide initiative level results (activity, net and gross peak demand and energy savings, and how each initiative contributes to target). | 9 |
| 3.2 Provincial - True-up | Provides province-wide initiative level true-up results from previous year (activity, net and gross peak demand and energy savings, and how each initiative contributes to target). | 10 |
| 3.3 Provincial NTGs | Provides provincial realization rates and net-to-gross ratios. | 11 |
| 3.4 Provincial - Summary | Provides a portfolio level view of provincial achievement towards province-wide OEB targets to date. | 12 |
| 4.0 Methodology | Provides key equations, notes and an initiative-level breakdown of: how savings are attributed to LDCs, when the savings are considered to 'start' (i.e. what period the savings are attributed to) and how the savings are calculated. | 13 |
| 5.0 Reference Tables | Provides the sector mapping used for Retrofit and the allocation methodology table used in the consumer program when customer specific information is unavailable. | 22 |
| 6.0 Glossary | Contains definitions for terms used throughout the report. | 26 |

OPA-Contracted Province-Wide CDM Programs FINAL 2012 Results
LDC: Festival Hydro Inc.

| FINAL 2012 Progress to Targets | 2012 <br> Incremental | Program-to-Date <br> Progress to Target <br> (Scenario 1) | Scenario 1: \% of <br> Target Achieved | Scenario 2: \% of <br> Target Achieved |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Net Annual Peak Demand Savings (MW) | 1.5 | 1.9 | $\mathbf{3 1 . 1 \%}$ | $\mathbf{3 2 . 2 \%}$ |
| Net Energy Savings (GWh) | 6.4 | 31.6 | $\mathbf{1 0 8 . 1 \%}$ | $\mathbf{1 0 8 . 1 \%}$ |

Scenario 1 = Assumes that demand resource resources have a persistence of 1 year
Scenario 2 = Assumes that demand response resources remain in your territory until 2014

## Achievement by Sector

## 2012 Incremental Peak Demand Savings (MW)

## 2012 Incremental

 Energy Savings (GWh)True-up

## Comparison: Your Achievement vs. LDC Community Achievement (Progress to Target)

The following graphs assume that demand response resources remain in your territory until 2014
(aligns with Scenario 2)
\% of OEB Peak Demand Savings Target Achieved


| $\quad$ Initiative |  |
| :--- | :--- |
|  |  |
|  |  |

Table 1: Festival Hydro Inc. Initiative and Program Level Savings by Year (Scenario 1)


Due to the limited timeframe of data, which didn't include the summer months, 2012 HDD results have been deemed inconclusive. The IHD line item on the 2012 annual report will be left blank. Once a full year of data is available
(2013 evaluation), and the savings are quantified, 2012 results will be updated to reflect the quantified savings.

| Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) |  |  |  |
| :---: | :---: | :---: | :---: |
| 2011 | 2012 | 2013 | 2014 |
|  |  |  |  |
| 136,087 | 113,761 |  |  |
| 6,763 | 13,734 |  |  |
| 259,654 | 122,478 |  |  |
| 65,399 | 4,891 |  |  |
| 102,799 | 93,684 |  |  |
| 0 | 0 |  |  |
| 0 | 0 |  |  |
| 0 |  |  |  |
| 0 | 0 |  |  |
| 570,702 | 348,547 |  |  |
|  |  |  |  |
| 192,530 | 2,318,860 |  |  |
| 335,087 | 242,528 |  |  |
| 0 | 0 |  |  |
| 0 | 35,487 |  |  |
| 0 | 50,353 |  |  |
| 0 | 0 |  |  |
| 0 |  |  |  |
| 2,665 | 995 |  |  |
| 530,281 | 2,648,223 |  |  |
|  |  |  |  |
| 0 | 0 |  |  |
| 0 | 0 |  |  |
| 0 | 0 |  |  |
| 427,748 |  |  |  |
| 0 | 0 |  |  |
| 427,748 | 0 |  |  |
|  |  |  |  |
| 0 | 4,983 |  |  |
| 0 | 4,983 |  |  |
|  |  |  |  |
| 714,841 | 0 |  |  |
| 1,841 | 383 |  |  |
| 0 | 0 |  |  |
| 0 | 0 |  |  |
| 0 | 0 |  |  |
| 716,682 | 383 |  |  |
|  |  |  |  |
| 0 | 0 |  |  |
|  |  |  |  |
| 0 |  |  |  |
|  | 3,432,735 |  |  |
| 2,242,749 | 3,001,141 |  |  |
| 2,665 | 995 |  |  |
| 2,245,414 | 6,434,871 |  |  |

Full OEB Target:
\% of Full OEB Target Achieved to Date (Scenario 1):

Program-to-Date Verified Progress to Target (excludes DR)

| 2014 Net Annual Peak |
| :--- | :---: |
| Demand Savings (kW) | | 2011-2014 Net |
| :---: |
| Cumulative Energy |
| Saving (kWh) | Savings (kWh) 2014


| $\mathbf{2 0 1 4}$ |  |
| :---: | :---: |
| 35 | 884,418 |
| 10 | 65,399 |
| 204 | $1,406,049$ |
| 5 | 276,267 |
| 11 | 692,250 |
| 0 | 0 |
| 0 | 0 |
|  |  |
| 0 | 0 |


| 0 | 0 |
| :---: | :---: |
| 265 | 3,324,383 |
|  |  |
| 487 | 7,721,009 |
| 162 | 1,988,463 |
| 0 | 0 |
| 10 | 106,460 |
| 10 | 151,058 |
| 0 | 0 |
| 0 | 0 |
| 0 | 3,660 |
| 670 | 9,970,650 |
|  |  |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 66 | 1,710,993 |
| 0 | 0 |
| 66 | 1,710,993 |
|  |  |
| 0 | 14,949 |
| 0 | 14,949 |
|  |  |
| 154 | 2,859,364 |
| 1 | 8,514 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 155 | 2,867,877 |
|  |  |
| 0 | 0 |
|  |  |
| 0 | 0 |
| 783 | 13,730,939 |
| 1,156 | 17,885,192 |
| 0 | 3,660 |
| 1,939 | 31,619,791 |
| 6,230 | 29,250,000 |
| 31.1\% | 108.1\% |


| Initiative | Unit |
| :---: | :---: |
| Consumer Program |  |
| Appliance Retirement | Appliances |
| Appliance Exchange | Appliances |
| HVAC Incentives | Equipment |
| Conservation Instant Coupon Booklet | Items |
| Bi-Annual Retailer Event | Items |
| Retailer Co-op | Items |
| Residential Demand Response (switch/pstat)* | Devices |
| Residential Demand Response (IHD) | Devices |
| Residential New Construction | Homes |
| Consumer Program Total |  |
| Business Program |  |
| Retrofit | Projects |
| Direct Install Lighting | Projects |
| Building Commissioning | Buildings |
| New Construction | Buildings |
| Energy Audit | Audits |
| Small Commercial Demand Response (switch/pstat)* | Devices |
| Small Commercial Demand Response (IHD) | Devices |
| Demand Response 3* | Facilities |
| Business Program Total |  |
| Industrial Program |  |
| Process \& System Upgrades | Projects |
| Monitoring \& Targeting | Projects |
| Energy Manager | Projects |
| Retrofit | Projects |
| Demand Response 3* | Facilities |
| Industrial Program Total |  |
| Home Assistance Program |  |
| Home Assistance Program | Homes |
| Home Assistance Program Total |  |
| Pre-2011 Programs completed in 2011 |  |
| Electricity Retrofit Incentive Program | Projects |
| High Performance New Construction | Projects |
| Toronto Comprehensive | Projects |
| Multifamily Energy Efficiency Rebates | Projects |
| LDC Custom Programs | Projects |
| Pre-2011 Programs completed in 2011 Total |  |
| Other |  |
| Program Enabled Savings | Projects |
| Time-of-Use Savings | Homes |
| Other Total |  |
| Adjustments to Previous Year's Verified Results |  |
| * Activity \& savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011. |  |



Table 3: Festival Hydro Inc. Realization Rate \& NTG

| Initiative | Peak Demand Savings |  |  |  |  |  |  |  | Energy Savings |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Realization Rate |  |  |  | Net-to-Gross Ratio |  |  |  | Realization Rate |  |  |  | Net-to-Gross Ratio |  |  |  |
|  | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Appliance Retirement |  | 1.00 |  |  |  | 0.46 |  |  |  | 1.00 |  |  |  | 0.47 |  |  |
| Appliance Exchange |  | 1.00 |  |  |  | 0.52 |  |  |  | 1.00 |  |  |  | 0.52 |  |  |
| HVAC Incentives |  | 1.00 |  |  |  | 0.49 |  |  |  | 1.00 |  |  |  | 0.49 |  |  |
| Conservation Instant Coupon Booklet |  | 1.00 |  |  |  | 1.00 |  |  |  | 1.00 |  |  |  | 1.05 |  |  |
| Bi-Annual Retailer Event |  | 1.00 |  |  |  | 0.91 |  |  |  | 1.00 |  |  |  | 0.92 |  |  |
| Retailer Co-op |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Residential Demand Response (switch/pstat)* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Residential Demand Response (IHD) |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Residential New Construction |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Business Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retrofit |  | 0.97 |  |  |  | 0.75 |  |  |  | 1.07 |  |  |  | 0.75 |  |  |
| Direct Install Lighting |  | 0.68 |  |  |  | 0.94 |  |  |  | 0.85 |  |  |  | 0.94 |  |  |
| Building Commissioning |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| New Construction |  | 0.70 |  |  |  | 0.49 |  |  |  | 0.61 |  |  |  | 0.49 |  |  |
| Energy Audit |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Small Commercial Demand Response (switch/pstat)* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Small Commercial Demand Response (IHD) |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Demand Response 3* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Industrial Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Process \& System Upgrades |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Monitoring \& Targeting |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Energy Manager |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Retrofit |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Demand Response 3* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Home Assistance Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Home Assistance Program |  | 1.34 |  |  |  | 1.00 |  |  |  | 1.00 |  |  |  | 1.00 |  |  |
| Pre-2011 Programs completed in 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Electricity Retrofit Incentive Program |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| High Performance New Construction |  | 1.00 |  |  |  | 0.50 |  |  |  | 1.00 |  |  |  | 0.50 |  |  |
| Toronto Comprehensive |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Multifamily Energy Efficiency Rebates |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| LDC Custom Programs |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program Enabled Savings |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Time-of-Use Savings |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |

Results are attributed to target using current OPA reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year. Please see methodology tab for more detailed information.

Table 4: Net Peak Demand Savings at the End User Level (MW)

| Implementation Period | Annual |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| $\mathbf{2 0 1 1}$ - Verified | 0.7 | 0.6 | 0.6 | 0.5 |
| $\mathbf{2 0 1 2 - V e r i f i e d ~}$ |  | 1.5 | 1.4 | 1.4 |
| $\mathbf{2 0 1 3}$ |  |  |  |  |
| $\mathbf{2 0 1 4}$ |  |  |  | $\mathbf{1 . 9}$ |
| Verified Net Annual Peak Demand Savings Persisting in 2014: |  |  |  |  |
| Festival Hydro Inc. 2014 Annual CDM Capacity Target |  |  |  | $\mathbf{6 . 2}$ |
| Verified Portion of Peak Demand Savings Target Achieved in 2014(\%): |  |  |  | $\mathbf{3 1 . 1 \%}$ |

Table 5: Net Energy Savings at the End User Level (GWh)

| Implementation Period | Annual |  |  | Cumulative |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 1 - 2 0 1 4}$ |
| $\mathbf{2 0 1 1 - \text { Verified }}$ | 2.2 | 2.2 | 2.2 | 2.2 | 8.9 |
| $\mathbf{2 0 1 2 - V e r i f i e d ~}$ |  | 6.4 | 6.4 | 6.4 | 22.7 |
| $\mathbf{2 0 1 3}$ |  |  |  |  |  |
| $\mathbf{2 0 1 4}$ |  |  |  | $\mathbf{3 1 . 6}$ |  |
| Verified Net Cumulative Energy Savings 2011-2014: |  |  |  |  |  |
| Verified Portion of Cumulative Energy Target Achieved (\%): |  |  |  |  | $\mathbf{1 0 8 . 1 \%}$ |

*2011 energy adjustments included in cumulative energy savings.



| Initiative | Unit |
| :---: | :---: |
| Consumer Program |  |
| Appliance Retirement | Appliances |
| Appliance Exchange | Appliances |
| HVAC Incentives | Equipment |
| Conservation Instant Coupon Booklet | Items |
| Bi-Annual Retailer Event | Items |
| Retailer Co-op | Items |
| Residential Demand Response (switch/pstat)* | Devices |
| Residential Demand Response (IHD) | Devices |
| Residential New Construction | Homes |
| Consumer Program Total |  |
| Business Program |  |
| Retrofit | Projects |
| Direct Install Lighting | Projects |
| Building Commissioning | Buildings |
| New Construction | Buildings |
| Energy Audit | Audits |
| Small Commercial Demand Response (switch/pstat)* | Devices |
| Small Commercial Demand Response (IHD) | Devices |
| Demand Response 3* | Facilities |
| Business Program Total |  |
| Industrial Program |  |
| Process \& System Upgrades | Projects |
| Monitoring \& Targeting | Projects |
| Energy Manager | Projects |
| Retrofit | Projects |
| Demand Response 3* | Facilities |
| Industrial Program Total |  |
| Home Assistance Program |  |
| Home Assistance Program | Homes |
| Home Assistance Program Total |  |
| Pre-2011 Programs completed in 2011 |  |
| Electricity Retrofit Incentive Program | Projects |
| High Performance New Construction | Projects |
| Toronto Comprehensive | Projects |
| Multifamily Energy Efficiency Rebates | Projects |
| LDC Custom Programs | Projects |
| Pre-2011 Programs completed in 2011 Total |  |
| Other |  |
| Program Enabled Savings | Projects |
| Time-of-Use Savings | Homes |
| Other Total |  |
| Adjustments to Previous Year's Verified Results |  |
| * Activity \& savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011. |  |



Table 8: Province-Wide Realization Rate \& NTG

| Initiative | Peak Demand Savings |  |  |  |  |  |  |  | Energy Savings |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Realization Rate |  |  |  | Net-to-Gross Ratio |  |  |  | Realization Rate |  |  |  | Net-to-Gross Ratio |  |  |  |
|  | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Appliance Retirement |  | 1.00 |  |  |  | 0.46 |  |  |  | 1.00 |  |  |  | 0.47 |  |  |
| Appliance Exchange |  | 1.00 |  |  |  | 0.52 |  |  |  | 1.00 |  |  |  | 0.52 |  |  |
| HVAC Incentives |  | 1.00 |  |  |  | 0.50 |  |  |  | 1.00 |  |  |  | 0.49 |  |  |
| Conservation Instant Coupon Booklet |  | 1.00 |  |  |  | 1.00 |  |  |  | 1.00 |  |  |  | 1.05 |  |  |
| Bi-Annual Retailer Event |  | 1.00 |  |  |  | 0.91 |  |  |  | 1.00 |  |  |  | 0.92 |  |  |
| Retailer Co-op |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Residential Demand Response (switch/pstat)* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Residential Demand Response (IHD) |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Residential New Construction |  | 3.65 |  |  |  | 0.49 |  |  |  | 7.17 |  |  |  | 0.49 |  |  |
| Business Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retrofit |  | 0.93 |  |  |  | 0.75 |  |  |  | 1.05 |  |  |  | 0.76 |  |  |
| Direct Install Lighting |  | 0.69 |  |  |  | 0.94 |  |  |  | 0.85 |  |  |  | 0.94 |  |  |
| Building Commissioning |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| New Construction |  | 0.98 |  |  |  | 0.49 |  |  |  | 0.99 |  |  |  | 0.49 |  |  |
| Energy Audit |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Small Commercial Demand Response (switch/pstat)* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Small Commercial Demand Response (IHD) |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Demand Response 3* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Industrial Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Process \& System Upgrades |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Monitoring \& Targeting |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Energy Manager |  | 1.16 |  |  |  | 0.90 |  |  |  | 1.16 |  |  |  | 0.90 |  |  |
| Retrofit |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Demand Response 3* |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Home Assistance Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Home Assistance Program |  | 0.32 |  |  |  | 1.00 |  |  |  | 0.99 |  |  |  | 1.00 |  |  |
| Pre-2011 Programs completed in 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Electricity Retrofit Incentive Program |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| High Performance New Construction |  | 1.00 |  |  |  | 0.50 |  |  |  | 1.00 |  |  |  | 0.50 |  |  |
| Toronto Comprehensive |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Multifamily Energy Efficiency Rebates |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| LDC Custom Programs |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program Enabled Savings |  | 1.06 |  |  |  | 1.00 |  |  |  | 2.26 |  |  |  | 1.00 |  |  |
| Time-of-Use Savings |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |  | n/a |  |  |

Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

| Implementation Period | Annual |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| $\mathbf{2 0 1 1}$ | 216.3 | 136.6 | 135.8 | 129.0 |
| $\mathbf{2 0 1 2}$ |  | 253.3 | 109.8 | 108.2 |
| $\mathbf{2 0 1 3}$ |  |  |  |  |
| $\mathbf{2 0 1 4}$ |  |  |  |  |
| Verified Net Annual Peak Demand Savings in 2014: |  |  |  | $\mathbf{2 3 7 . 2}$ |
| 2014 Annual CDM Capacity Target |  |  |  | $\mathbf{1 , 3 3 0}$ |
| Verified Peak Demand Savings Target Achieved - 2011 (\%): |  |  |  | $\mathbf{1 7 . 8 \%}$ |

Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

| Implementation Period | Annual |  |  |  | Cumulative |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 1 - 2 0 1 4}$ |
| $\mathbf{2 0 1 1}$ | 606.9 | 603.0 | 601.0 | 582.3 | 2,393 |
| $\mathbf{2 0 1 2}$ |  | 503.6 | 498.4 | 492.6 | 1,513 |
| $\mathbf{2 0 1 3}$ |  |  |  |  |  |
| $\mathbf{2 0 1 4}$ |  |  |  |  |  |
| Verified Net Cumulative Energy Savings 2011-2014: |  |  |  |  | 3,906 |
| 2011-2014 Cumulative CDM Energy Target: |  |  |  |  | $\mathbf{6 , 0 0 0}$ |
| Verified Portion of Energy Target Achieved - 2011 (\%): |  |  |  |  | $\mathbf{6 5 . 1 \%}$ |

*2011 energy adjustments included in cumulative energy savings.

## METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

| EQUATIONS |  |
| :--- | :--- |
| Prescriptive <br> Measures and <br> Projects | Gross Savings = Activity * Per Unit Assumption <br> Net Savings = Gross Savings * Net-to-Gross Ratio <br> All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| Engineered and <br> Custom Projects | Gross Savings = Reported Savings * Realization Rate <br> Net Savings = Gross Savings * Net-to-Gross Ratio <br> All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed) |
| Demand Response | Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio <br> Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW <br> All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR) |
| Adjustments to <br> Previous Year's <br> Verified Results | All errors and omissions from the prior years Final Annual Results report will be adjusted within this report. Any errors and ommissions with <br> regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings. |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :--- | :--- | :--- | :--- |
| Consumer Program | Includes both retail and home pickup stream; <br> Retail stream allocated based on average of <br> 2008 \& 2009 residential throughput; Home <br> pickup stream directly attributed by postal <br> code or customer selection | Savings are considered to begin in the year <br> Retirement | he appliance is picked up. <br> When postal code information is provided by <br> customer, results are directly attributed to the <br> LDC. When postal code is not available, results <br> allocated based on average of 2008 \& 2009 <br> residential throughput | | Savings are considered to begin in the year |
| :--- |
| that the exchange event occurred |$\quad$| Peak demand and energy savings are |
| :--- |
| determined using the verified measure level per |
| unit assumption multiplied by the uptake in the |
| market (gross) taking into account net-to-gross |
| factors such as free-ridership and spillover (net) |
| at the measure level. |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Conservation Instant Coupon Booklet | LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 \& 2009 residential throughput | Savings are considered to begin in the year in which the coupon was redeemed. | eak demand and energy savings are |
| Bi-Annual Retailer Event | Results are allocated based on average of 2008 \& 2009 residential throughput | Savings are considered to begin in the year in which the event occurs. | at the measure level. |
| Retailer Co-op | When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 \& 2009 residential throughput. | Savings are considered to begin in the year of the home visit and installation date. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Residential Demand Response | Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists | Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS ${ }^{\text {TM }}$ participant agreement. | Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any "snapback" in energy consumption experienced after the event. <br> Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated. |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Residential New Construction | Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case. | Savings are considered to begin in the year of the project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level. |
| Business Program |  |  |  |
| Efficiency: <br> Equipment Replacement | Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping | Savings are considered to begin in the year of the actual project completion date on the iCON CRM system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
|  | Additional Note: project counts were derived by filtering out "Application Status" = "Post-Project Submission - Payment denied by LDC" and only including projects with an "Actual Project Completion Date" in 2012 and pulling both the "Application Name" field followed by the "Building Address 1" field from the Post Stage Retrofit Report and finally performing a count of the Building Addresses. |  |  |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Direct Installed Lighting | Results are directly attributed to LDC based on the LDC specified on the work order | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as freeridership and spillover for both peak demand and energy savings at the program level (net). |
| Existing Building Commissioning Incentive | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011 or 2012. | Savings are considered to begin in the year of the actual project completion date. | Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with $\mathrm{EM} \& \mathrm{~V}$ protocols and |
| New Construction and Major Renovation Incentive | Results are directly attributed to LDC based on LDC identified in the application. | Savings are considered to begin in the year of the actual project completion date. | reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). |
| Energy Audit | Projects are directly attributed to LDC based on LDC identified in the application | Savings are considered to begin in the year of the audit date. | Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Commercial Demand Response (part of the Residential program schedule) | Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists | Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS ${ }^{\text {M }}$ participant agreement. | Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated. |
| Demand Response 3 (part of the Industrial program schedule) | Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level. | Savings are considered to begin in the year in which the contributor signed up to participate in demand response. | Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled nonperformances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource. |
| Industrial Program |  |  |  |
| Process \& System Upgrades | Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated, no completed projects in 2011 or 2012. | Savings are considered to begin in the year in which the incentive project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Monitoring \& Targeting | Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011 or 2012. | Savings are considered to begin in the year in which the incentive project was completed. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). |
| Energy Manager | Results are directly attributed to LDC based on LDC identified in the application; No completed projects in 2011 or 2012. | Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager. | Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). |


| Initiative | Attributing Savings to LDCs | Savings 'start' Date | Calculating Resource Savings |
| :---: | :---: | :---: | :---: |
| Efficiency: <br> Equipment <br> Replacement Incentive (part of the C\&I program schedule) | Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping | Savings are considered to begin in the year of the actual project completion date on the iCON CRM system. | Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM\&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as freeridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). |
| Demand Response 3 | Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level. | Savings are considered to begin in the year in which the contributor signed up to participate in demand response. | Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled nonperformances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource. |
| Home Assistance Program |  |  |  |




RII Sector (C\&I vs. Industrial Mapping)

| Building Type | Sector |
| :---: | :---: |
| Agribusiness - Cattle Farm | C\&I |
| Agribusiness - Dairy Farm | C\&I |
| Agribusiness - Greenhouse | C\&I |
| Agribusiness - Other | C\&I |
| Agribusiness - Other,Mixed-Use - Office/Retail | C\&I |
| Agribusiness - Other,Office,Retail,Warehouse | C\&I |
| Agribusiness - Other,Office,Warehouse | C\&I |
| Agribusiness - Poultry | C\&। |
| Agribusiness - Poultry,Hospitality - Motel | C\&I |
| Agribusiness - Swine | C\&I |
| Convenience Store | C\&I |
| Education - College / Trade School | C\&I |
| Education - College / Trade School,Multi-Residential - Condominium | C\&I |
| Education - College / Trade School,Multi-Residential - Rental Apartment | C\&I |
| Education - College / Trade School,Retail | C\&I |
| Education - Primary School | C\&I |
| Education - Primary School,Education - Secondary School | C\&I |
| Education - Primary School,Multi-Residential - Rental Apartment | C\&I |
| Education - Primary School,Not-for-Profit | C\&I |
| Education - Secondary School | C\&I |
| Education - University | C\&I |
| Education - University,Office | C\&I |
| Hospital/Healthcare - Clinic | C\&। |
| Hospital/Healthcare - Clinic,Hospital/Healthcare - Long-term Care,Hospital/Healthcare Medical Building | C\&I |
| Hospital/Healthcare - Clinic,Industrial | C\&I |
| Hospital/Healthcare - Clinic,Retail | C\&I |
| Hospital/Healthcare - Long-term Care | C\&I |
| Hospital/Healthcare - Long-term Care,Hospital/Healthcare - Medical Building | C\&I |
| Hospital/Healthcare - Medical Building | C\&I |
| Hospital/Healthcare - Medical Building,Mixed-Use - Office/Retail | C\&I |
| Hospital/Healthcare - Medical Building,Mixed-Use - Office/Retail,Office | C\&I |
| Hospitality - Hotel | C\&I |
| Hospitality - Hotel,Restaurant - Dining | C\&I |
| Hospitality - Motel | C\&I |
| Industrial | Industrial |
| Mixed-Use - Office/Retail | C\&I |
| Mixed-Use - Office/Retail,Industrial | Industrial |
| Mixed-Use - Office/Retail,Mixed-Use - Other | C\&I |
| Mixed-Use - Office/Retail,Mixed-Use - Other,Not-for-Profit,Warehouse | C\&I |
| Mixed-Use - Office/Retail,Mixed-Use - Residential/Retail | C\&I |
| Mixed-Use - Office/Retail,Office,Restaurant - Dining,Restaurant - Quick Serve,Retail,Warehouse | C\&I |


| Mixed-Use - Office/Retail,Office,Warehouse | C\&1 |
| :---: | :---: |
| Mixed-Use - Office/Retail,Retail | C\&I |
| Mixed-Use - Office/Retail,Warehouse | C\&I |
| Mixed-Use - Office/Retail,Warehouse,Industrial | Industrial |
| Mixed-Use - Other | C\&I |
| Mixed-Use - Other,Industrial | Industrial |
| Mixed-Use - Other,Not-for-Profit,Office | C\&I |
| Mixed-Use - Other,Office | C\&1 |
| Mixed-Use - Other,Other: Please specify | C\&I |
| Mixed-Use - Other,Retail,Warehouse | C\&I |
| Mixed-Use - Other, Warehouse | C\&1 |
| Mixed-Use - Residential/Retail | C\&I |
| Mixed-Use - Residential/Retail,Multi-Residential - Condominium | C\&1 |
| Mixed-Use - Residential/Retail,Multi-Residential - Rental Apartment | C\&I |
| Mixed-Use - Residential/Retail,Retail | C\&I |
| Multi-Residential - Condominium | C\&I |
| Multi-Residential - Condominium,Multi-Residential - Rental Apartment | C\&1 |
| Multi-Residential - Condominium,Other: Please specify | C\&1 |
| Multi-Residential - Rental Apartment | C\&I |
| Multi-Residential - Rental Apartment,Multi-Residential - Social Housing Provider,Not-forProfit | C\&I |
| Multi-Residential - Rental Apartment,Not-for-Profit |  |
| Multi-Residential - Rental Apartment, Warehouse | C\&I |
| Multi-Residential - Social Housing Provider | C\&I |
| Multi-Residential - Social Housing Provider, Industrial | C\&I |
| Multi-Residential - Social Housing Provider,Not-for-Profit | C\&1 |
| Not-for-Profit | C\&I |
| Not-for-Profit,Office |  |
| Not-for-Profit,Other: Please specify | C\&1 |
| Not-for-Profit,Warehouse | C\&1 |
| Office | C\&I |
| Office,Industrial | Industrial |
| Office,Other: Please specify | C\&I |
| Office,Other: Please specify,Warehouse |  |
| Office,Restaurant - Dining | C\&I |
| Office,Restaurant - Dining,Industrial | Industrial |
| Office,Retail | C\&I |
| Office,Retail,Industrial | C\&I |
| Office,Retail,Warehouse | C\&1 |
| Office, Warehouse | C\&I |
| Office,Warehouse,Industrial | Industrial |
| Other: Please specify | C\&I |
| Other: Please specify,Industrial | Industrial |
| Other: Please specify,Retail | C\&I |
| Other: Please specify,Warehouse |  |
| Restaurant - Dining | C\&I |
| Restaurant - Dining,Retail | C\&I |


| Restaurant - Quick Serve | C\&I |
| :--- | :--- |
| Restaurant - Quick Serve,Retail | C\&I |
| Retail | C\&I |
| Retail,Industrial | Industrial |
| Retail,Warehouse | C\&I |
| Warehouse | C\&I |
| Warehouse,Industrial | Industrial |

## Consumer Program Allocation Methodology

Results can be allocated based on average of 2008 \& 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 \& 2009

| Local Distribution Company | Allocation |
| :--- | :---: |
| Algoma Power Inc. | $0.2 \%$ |
| Atikokan Hydro Inc. | $0.0 \%$ |
| Attawapiskat Power Corporation | $0.0 \%$ |
| Bluewater Power Distribution Corporation | $0.6 \%$ |
| Brant County Power Inc. | $0.2 \%$ |
| Brantford Power Inc. | $0.7 \%$ |
| Burlington Hydro Inc. | $1.4 \%$ |
| Cambridge and North Dumfries Hydro Inc. | $1.0 \%$ |
| Canadian Niagara Power Inc. | $0.5 \%$ |
| Centre Wellington Hydro Ltd. | $0.1 \%$ |
| Chapleau Public Utilities Corporation | $0.0 \%$ |
| COLLUS Power Corporation | $0.3 \%$ |
| Cooperative Hydro Embrun Inc. | $0.0 \%$ |
| E.L.K. Energy Inc. | $0.2 \%$ |
| Enersource Hydro Mississauga Inc. | $3.9 \%$ |
| ENTEGRUS | $0.6 \%$ |
| ENWIN Utilities Ltd. | $1.6 \%$ |
| Erie Thames Powerlines Corporation | $0.4 \%$ |
| Espanola Regional Hydro Distribution Corporation | $0.1 \%$ |
| Essex Powerlines Corporation | $0.7 \%$ |
| Festival Hydro Inc. | $0.3 \%$ |
| Fort Albany Power Corporation | $0.0 \%$ |
| Fort Frances Power Corporation | $0.1 \%$ |
| Greater Sudbury Hydro Inc. | $1.0 \%$ |
| Grimsby Power Inc. | $0.2 \%$ |
| Guelph Hydro Electric Systems Inc. | $0.9 \%$ |
| Haldimand County Hydro Inc. | $0.4 \%$ |
| Halton Hills Hydro Inc. | $0.5 \%$ |
| Hearst Power Distribution Company Limited | $0.1 \%$ |
| Horizon Utilities Corporation | $4.0 \%$ |
| Hydro 2000 Inc. | $0.0 \%$ |
| Hydro Hawkesbury Inc. | $0.1 \%$ |
| Hydro One Brampton Networks Inc. | $2.8 \%$ |
| Hydro One Networks Inc. | $30.0 \%$ |
|  |  |


| Hydro Ottawa Limited | $5.6 \%$ |
| :--- | :---: |
| Innisfil Hydro Distribution Systems Limited | $0.4 \%$ |
| Kashechewan Power Corporation | $0.0 \%$ |
| Kenora Hydro Electric Corporation Ltd. | $0.1 \%$ |
| Kingston Hydro Corporation | $0.5 \%$ |
| Kitchener-Wilmot Hydro Inc. | $1.6 \%$ |
| Lakefront Utilities Inc. | $0.2 \%$ |
| Lakeland Power Distribution Ltd. | $0.2 \%$ |
| London Hydro Inc. | $2.7 \%$ |
| Middlesex Power Distribution Corporation | $0.1 \%$ |
| Midland Power Utility Corporation | $0.1 \%$ |
| Milton Hydro Distribution Inc. | $0.6 \%$ |
| Newmarket - Tay Power Distribution Ltd. | $0.7 \%$ |
| Niagara Peninsula Energy Inc. | $1.0 \%$ |
| Niagara-on-the-Lake Hydro Inc. | $0.2 \%$ |
| Norfolk Power Distribution Inc. | $0.3 \%$ |
| North Bay Hydro Distribution Limited | $0.5 \%$ |
| Northern Ontario Wires Inc. | $0.1 \%$ |
| Oakville Hydro Electricity Distribution Inc. | $1.5 \%$ |
| Orangeville Hydro Limited | $0.2 \%$ |
| Orillia Power Distribution Corporation | $0.3 \%$ |
| Oshawa PUC Networks Inc. | $1.2 \%$ |
| Ottawa River Power Corporation | $0.2 \%$ |
| Parry Sound Power Corporation | $0.1 \%$ |
| Peterborough Distribution Incorporated | $0.7 \%$ |
| PowerStream Inc. | $6.6 \%$ |
| PUC Distribution Inc. | $0.9 \%$ |
| Renfrew Hydro Inc. | $0.1 \%$ |
| Rideau St. Lawrence Distribution Inc. | $0.1 \%$ |
| Sioux Lookout Hydro Inc. | $0.1 \%$ |
| St. Thomas Energy Inc. | $0.3 \%$ |
| Thunder Bay Hydro Electricity Distribution Inc. | $0.9 \%$ |
| Tillsonburg Hydro Inc. | $0.1 \%$ |
| Toronto Hydro-Electric System Limited | $12.8 \%$ |
| Veridian Connections Inc. | $2.4 \%$ |
| Wasaga Distribution Inc. | $0.2 \%$ |
| Waterloo North Hydro Inc. | $1.0 \%$ |
| Welland Hydro-Electric System Corp. | $0.3 \%$ |
| Wellington North Power Inc. | $0.1 \%$ |
| West Coast Huron Energy Inc. | $0.1 \%$ |
| Westario Power Inc. | $0.5 \%$ |
| Whitby Hydro Electric Corporation | $0.9 \%$ |
| Woodstock Hydro Services Inc. |  |
|  |  |

## Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity in a given year and resource savings persisting from previous years).

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011-2014). This concept does not apply to peak demand savings.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses).

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start' (please see table 5).

Initiative: a Conservation \& Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge \& Freezer Pickup).

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

Program: a group of initiatives that target a particular market sector (i.e. Consumer, Industrial).
Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

Spillover: Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

# Ontario Power Authority Conservation \& Demand Management Status Report 

Q4 2013 Preliminary Results Update
Festival Hydro Inc.

## Unverified OPA-Contracted Province-Wide CDM Program Progress at a Glance

| Unverified Progress to Targets | $\begin{aligned} & \text { Incremental Q4- } \\ & 2013 \end{aligned}$ | Program-to-Date Progress Towards OEB Target |  |  |  | Rank (of 76) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Scenario 1 |  | Scenario 2 |  |  |
|  |  | Savings | \% | Savings | \% | Scenario 2 |
| Net Peak Demand Savings (MW) | 0.5 | 2.4 | 38\% | 2.8 | 45\% | 20 |
| Net Energy Savings (GWh) | 0.7 | 36.4 | 124\% | 36.4 | 124\% | 3 |

Program-to-Date towards Target: Combination of verified (2011-12) and unverified (2013) results. To align with savings counted towards OEB targets, peak demand is represented by annual savings in 2014 and energy is represented by the cumulative savings from 2011-2014.
Scenario 1: Assumes that demand response resources have a persistence of 1 year. Official reporting policy for demand response resources.
Scenario 2: Assumes that demand response resources remain in your territory until 2014. Used to better assess progress towards demand targets.
Rank: Sorts each LDC by \% of peak demand or energy target achieved as of the current reporting period using Scenario 2.

## Comparison: Your Achievement vs. LDC Community Achievement

The following graphs assume that demand response resources remain in your territory until 2014 (aligns with Scenario 2)


Questions? Please check the "About this Report" Section on page 2, Table 5 on page 9 and "Reporting Methodology" on page 10.
More Questions? Please contact LDC.Support@ powerauthority.on.ca

## Message from the Vice President

I am pleased to present our Q4 2013 LDC report. We continue to achieve great progress across all sectors. Provincially we have achieved $83 \%$ of the cumulative 6,000 GWh energy target and progress towards the 1,330 MW demand target increased from last quarter to $46 \%$.

A few highlights of our current activities during this reporting period:

- Take up in the LDC Conservation Fund Innovation Stream continues to grow.

The new roof-top unit (RTU) incentives for RETROFIT PROGRAM came into effect January 1, 2014. Non-lighting measures continue to play an important role towards achieving targets.
Aboriginal Program has started to contribute to savings in Q4! Over 250 completed home retrofits have been received to date.

- Final wave of enhancements to enable the 2015 Program extension are underway
- Achievable Potential study to estimate realistic potential of EE and DR programs in Ontario is in progress

We look forward to continuing to work together on evolving our Conservation Programs in 2014, and engaging channel partners across all sectors to further drive participation.

We encourage you to continue to contact us and tell us your ideas and success stories so we can share our experiences across the province.

Please contact the OPA Conservation Business Development team at Idc.support@powerauthority.on.ca with any questions regarding this report.

Congratulations on another successful quarter and wishing you a great year in 2014!

Sincerely,

Andrew Pride

## About this Report

## This report contains:

- Peak demand and energy savings for OPA-Contracted Province-Wide programs (does not include Ontario Energy Board (OEB) approved CDM programs or other LDC conservation efforts)
- Progress as of the end of Q4 2013 using unverified quarterly results for 2013 and final verified results for 2011-12
- Program activity data (i.e. projects completed, appliances picked up) completed on or before December 31st, 2013 and received and entered into the OPA processing systems as per the dates specified in Table 5
- Updates to the previous quarter's participation as a result of further data received
- Information to assist the LDC in reconciling internal data sources with the data contained in this report. Table 5 contains:

1 The date in which savings are considered to 'start';
2 At what point the data becomes available to the OPA;
3 The expected probability and magnitude of updates to the data as more information becomes available.

- iCON CRM Post Stage Retrofit Report data queried on January 13th, 2013
- Retrofit projects completed after December 31, 2011 will be tracked as part of the Business program only
- Preliminary results for peaksaverPLUS ${ }^{\circledR}$ representing customers that have signed a Participant Agreement and information has been successfully uploaded into the RDR settlement system
- peaksaver PLUS ${ }^{\oplus}$ reporting is split into two line items: Switch/Thermostat and IHD


## 2011-2014 Summary: Net Peak Demand Savings Achieved (MW)

This section provides a portfolio level view of net peak demand savings procured to date through Tier 1 programs.
Table 1 presents:

- Net peak demand savings results from 2011 to Q4 2013 listed by implementation period, status (i.e. final or reported) and summarized by resource type (i.e. energy efficiency or demand response)
- Net annual peak demand savings that are expected to persist through to 2014 from program activity completed as of Q4 2013 using both Scenarios 1 and 2
- A comparison between reported, unverified results and final, verified results
- Energy efficiency resources reported with persistence according to the effective useful life of the technology Figure 1 presents:
- Net peak demand savings results from 2011 to date using Scenario 1 for demand response resources (persistence of 1 year) Please note: Demand response resources are only presented in the final quarter of each year and the current reporting quarter (i.e. Q4 2011, Q4 2012, and Q3 2013). Figures below and tables 3B and 4B present demand response in each quarter to display any changes that may have occurred quarter over quarter.

Table 1A: Net Peak Demand Savings at the End-User Level (MW)

| \# | Implementation Period | Annual (MW) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Scenario 1 |  |  |  | $\frac{\text { Scenario } 2}{2014}$ |
|  |  | 2011 | 2012 | 2013 | 2014 |  |
| 1 | 2011 - Final* | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 |
| 2 | 2012 - Final* | 0.8 | 1.5 | 1.4 | 1.4 | 1.4 |
| 3 | 2013 - Reported - Quarter 1 |  |  | 0.1 | 0.1 | 0.1 |
| 4 | 2013 - Reported - Quarter 2 |  |  | 0.1 | 0.1 | 0.1 |
| 5 | 2013 - Reported - Quarter 3 |  |  | 0.1 | 0.1 | 0.1 |
| 6 | 2013 - Reported - Quarter 4 |  |  | 0.5 | 0.1 | 0.5 |
| 7 | 2014 |  |  |  |  |  |
| Energy Efficiency |  | 1.4 | 2.0 | 2.4 | 2.4 | 2.4 |
| Demand Response |  | 0.1 | 0.1 | 0.4 | 0.0 | 0.4 |
| Net Annual Peak Demand Savings |  | 1.5 | 2.0 | 2.8 | 2.4 | 2.8 |
| Unverified Net Annual Peak Demand Savings in 2014: |  |  |  |  | 2.4 | 2.8 |
| 2014 Annual Peak Demand Savings Target as per OEB: |  |  |  |  | 6.2 | 6.2 |
| Unverified 2014 Peak Demand Savings Target Achieved (\%): |  |  |  |  | 38\% | 45\% |
| Incremental Reported (Unverified) |  | 0.4 | 0.8 | 0.9 |  |  |
|  |  | 0.7 | 1.5 | n/a |  |  |

* Drop from 2011 to 2012 due to demand response persistence assumption (scenario 1)

Table 1B: Peak Demand Savings from DR3 Resources

| Reported DR3 (Ex Ante) (MW)** | 0.4 |
| :---: | :---: |
| Contracted DR3 (MW)** | 0.5 |

** Consistent with monthly DR3 reports at the end of each quarter
Figure 1: Net Peak Demand Savings (MW)


## 2011-2014 Summary: Net Energy Savings Achieved (GWh)

This section provides a portfolio level view of net energy savings procured to date through Tier 1 programs.

Table 2 presents net annual energy savings results from 2011 to date listed by implementation period, status (i.e. final or reported) and summarized by resource type. This table aligns with Scenario 1 and presents 2011-2014 net cumulative energy savings expected in 2014 from program activity completed to date. At the bottom of the table a comparison is made between reported results (unverified) and final results (verified) for 2011, 2012, and 2013 year-to-date.

Table 2: Net Energy Savings at the End-User Level (GWh)

| \# | Implementation Period | Annual (GWh) |  |  |  | Cumulative (GWh) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2011 | 2012 | 2013 | 2014 | 2011-2014 |
| 1 | 2011 - Final* | 2.3 | 2.2 | 2.2 | 2.2 | 8.9 |
| 2 | 2012 - Final* | 3.4 | 6.4 | 6.4 | 6.4 | 22.7 |
| 3 | 2013 - Reported - Quarter 1 |  |  | 0.4 | 0.4 | 0.8 |
| 4 | 2013 - Reported - Quarter 2 |  |  | 0.6 | 0.6 | 1.2 |
| 5 | 2013 - Reported - Quarter 3 |  |  | 0.7 | 0.7 | 1.3 |
| 6 | 2013 - Reported - Quarter 4 |  |  | 0.7 | 0.7 | 1.4 |
| 7 | 2014 |  |  |  |  |  |
| Energy Efficiency |  | 5.7 | 8.7 | 11.0 | 11.0 | 36.4 |
| Demand Response |  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Net Energy Savings |  | 5.7 | 8.7 | 11.0 | 11.0 | 36.3 |
| Unverified Net Cumulative Energy Savings 2011-2014 |  |  |  |  |  | 36.3 |
| 2011-2014 Cumulative Energy Savings Target as per OEB: |  |  |  |  |  | 29.3 |
| Unverified 2011-2014 Cumulative Energy Target Achieved (\%): |  |  |  |  |  | 124\% |
| Incremental Reported (Unverified) |  | 0.0 | 2.9 | 2.4 |  |  |
| Incremental Final (Verified) |  | 2.3 | 6.4 | n/a |  |  |

* Drop from 2011 to 2012 due to demand response persistence assumption (scenario 1)

Figure 2: Net Cumulative Energy Savings (GWh)



| $\quad$ Initiative |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |

Table 3B: Festival Hydro Inc. Initiative and Program Level Savings by Quarter for current reporting year**

| Incremental Activity <br> (new program activity occurring within the specified reporting period) |  |  |  | Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q1 2013 | Q2 2013 | Q3 2013 | Q4 2013 | Q1 2013 | Q2 2013 | Q3 2013 | Q4 2013 |

> Net Incremental Energy Savings (kWh)
(new energy savings from activity within the specified reporting period)

| Q1 2013 | Q2 2013 | Q3 2013 | Q4 2013 |
| :--- | :--- | :--- | :--- | :--- |


| 49 | 74 | 53 | 68 | 3 | 4 | 3 | 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | - | 24 | 6 | - | - | 4 | 1 |
| 54 | 64 | 62 | 54 | 14 | 14 | 14 | 14 |
| 0 | 21 | 90 | 254 | 0 | 0 | 0 | 0 |
| 36 | 1,729 | 22 | 1,895 | 0 | 3 | 0 | 3 |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
|  |  |  |  | 17 | 21 | 21 | 21 |


| 19,165 | 29,262 | 21,033 | 28,249 |
| ---: | ---: | ---: | ---: |
| - | - | 6,341 | 1,689 |
| 25,031 | 23,809 | 23,866 | 25,175 |
| 10 | 734 | 2,975 | 7,259 |
| 903 | 49,310 | 580 | 55,479 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| $\mathbf{4 5 , 1 0 8}$ | $\mathbf{1 0 3 , 1 1 5}$ | $\mathbf{5 4 , 7 9 4}$ | $\mathbf{1 1 7 , 8 5 2}$ |


| 77 | 141,887 | 385,494 | 583,078 | 527,873 |
| :---: | :---: | :---: | :---: | :---: |
| 11 | 48,090 | 71,058 | 3,124 | 42,523 |
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | 50,353 | - |  |
| - | - | - | - | - |
| - | - | - | - |  |
| 68 | 2,679 | 1,748 | 1,527 | 995 |
| 157 | 192,656 | 508,652 | 587,729 | 571,391 |


| - | - | - | - | - | - | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| 1 | 2 | 2 | 2 | 239 | 357 | 357 | 358 |
|  |  |  |  | 239 | 357 | 357 | 358 |


| - | - | - | - |
| ---: | ---: | ---: | ---: |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| 14,053 | 8,008 | 8,008 | 8,626 |
| $\mathbf{1 4 , 0 5 3}$ | $\mathbf{8 , 0 0 8}$ | $\mathbf{8 , 0 0 8}$ | $\mathbf{8 , 6 2 6}$ |



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


| - | - | - | - | - |
| :---: | :---: | :---: | :---: | :---: |
|  | - | - | - | - |
| - | - | - | - | - |
|  | - | - | - | - |
| - | - | - | - | - |
|  | - | - | - | - |
|  |  |  |  |  |
|  | - | - | - | - |
|  | - | - | - | - |
| , | - | - | - | - |
|  |  |  |  |  |
|  | 402,438 | 614,161 | 661,979 | 689,732 |
|  | 16,731 | 9,756 | 9,535 | 9,621 |
| , | 419,169 | 623,917 | 671,514 | 699,354 |

## ${ }^{*}$ Includes adjustments after Final Reports were issued

** Updates to the previous quarter's participation may occur as a result of further data received

| \# | Initiative | Unit | Incremental Activity (new program activity occurring within the specified reporting period) |  |  |  | Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2011 Adj.* | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Consumer Program |  |  |  |  |  |  |  |  |  |  |
| 1 | Appliance Retirement | Appliances | 56,110 | 34,146 | 20,894 |  | 3,299 | 2,011 | 1,280 |  |
| 2 | Appliance Exchange | Appliances | 3,688 | 3,836 | 5,316 |  | 371 | 556 | 790 |  |
| 3 | HVAC Incentives | Equipment | 92,721 | 85,221 | 73,005 |  | 32,037 | 19,060 | 16,407 |  |
| 4 | Conservation Instant Coupon Booklet | Measures | 567,678 | 30,891 | 104,583 |  | 1,344 | 230 | 158 |  |
| 5 | Bi-Annual Retailer Event | Measures | 952,149 | 1,060,901 | 1,052,753 |  | 1,681 | 1,480 | 1,588 |  |
| 6 | Retailer Co-op | Items | 152 | - | - |  | 0 | - | - |  |
| 7 | Residential Demand Response (switch/pstat)* | Devices | 19,550 | 98,388 | 144,236 |  | 10,947 | 49,038 | 83,370 |  |
| 8 | Residential Demand Response (IHD) | Devices | - | 49,689 | 71,067 |  | - | - | - |  |
| 9 | Residential New Construction | Homes | 26 | - | 22 |  | 0 | 2 | 16 |  |
| Consumer Program Total |  |  |  |  |  |  | 49,681 | 72,377 | 103,610 |  |
| Business Program |  |  |  |  |  |  |  |  |  |  |
| 10 | Retrofit | Projects | 2,819 | 5,605 | 6,180 |  | 24,467 | 61,147 | 54,775 |  |
| 11 | Direct Install Lighting | Projects | 20,741 | 18,494 | 16,159 |  | 23,724 | 15,284 | 16,352 |  |
| 12 | Building Commissioning | Buildings | - | - | - |  | - | - | - |  |
| 13 | New Construction | Buildings | 22 | 64 | 51 |  | 123 | 764 | 886 |  |
| 14 | Energy Audit | Audits | 196 | 280 | 189 |  | - | 1,450 | 978 |  |
| 15 | Small Commercial Demand Response (switch/pstat)* | Devices | 132 | 294 | 762 |  | 84 | 187 | 485 |  |
| 16 | Small Commercial Demand Response (IHD) | Devices | - | - | 138 |  | - | - | - |  |
| 17 | Demand Response 3* | Facilities | 145 | 151 | 175 |  | 16,218 | 19,389 | 25,054 |  |
| Business Program Total |  |  |  |  |  |  | 64,617 | 98,221 | 98,531 |  |
| Industrial Program |  |  |  |  |  |  |  |  |  |  |
| 18 | Process \& System Upgrades | Projects | - | - | 1 |  | - | - | 41 |  |
| 19 | Monitoring \& Targeting | Projects | - | - | - |  | - | - | - |  |
| 20 | Energy Manager | Projects | - | 39 | 114 |  | - | 1,086 | 2,296 |  |
| 21 | Retrofit | Projects | 433 | - | - |  | 4,615 | - | - |  |
| 22 | Demand Response 3* | Facilities | 124 | 185 | 281 |  | 52,484 | 74,056 | 166,699 |  |
| Industrial Program Total |  |  |  |  |  |  | 57,098 | 75,141 | 169,035 |  |
| Home Assistance Program |  |  |  |  |  |  |  |  |  |  |
|  | Home Assistance Program | Homes | 46 | 5,033 | 21,123 |  | 2 | 566 | 1,939 |  |
| Home Assistance Program Total |  |  |  |  |  |  | 2 | 566 | 1,939 |  |
| Aboriginal Program |  |  |  |  |  |  |  |  |  |  |
|  | Aboriginal Program | Homes | - | - | 239 |  | - |  | 28 |  |
| Aboriginal Program Total |  |  |  |  |  |  | - | - | 28 |  |
| Pre-2011 Programs completed in 2011 |  |  |  |  |  |  |  |  |  |  |
| 24 | Electricity Retrofit Incentive Program | Projects | 2,028 | - | - |  | 21,662 | - | - |  |
| 25 | High Performance New Construction | Projects | 179 | 69 | 9 |  | 5,098 | 3,251 | 1,806 |  |
| 26 | Toronto Comprehensive | Projects | 577 | - | - |  | 15,805 | - | - |  |
| 27 | Multifamily Energy Efficiency Rebates | Projects | 110 | - | - |  | 1,981 | - | - |  |
| 28 | LDC Custom Programs | Projects | 8 | - | - |  | 399 | - | - |  |
| Pre-2011 Programs completed in 2011 Total |  |  |  |  |  |  | 44,945 | 3,251 | 1,806 |  |
| Other |  |  |  |  |  |  |  |  |  |  |
| 29 | Program Enabled Savings | Projects | - | - | - |  | - | 2,304 | - |  |
| 30 | Time-of-Use Savings | Homes | - | - | - |  | - | - | - |  |
| Other Total |  |  |  |  |  |  | - | 2,304 | - |  |
| Adjustment to Previous Year's Verified Results <br> Energy Efficiency Total |  |  |  |  |  |  | - | 1,406 | - |  |
| Energy Efficiency Total |  |  |  |  |  |  | 136,610 | 109,191 | 99,340 |  |
| Demand Response Total (Scenario 1) |  |  |  |  |  |  | 79,733 | 142,670 | 275,609 |  |
| OPA-Contracted LDC Portfolio Total |  |  |  |  |  |  | 216,343 | 253,267 | 374,949 |  |
| Activity \& savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011. |  |  | Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item for 2012 \& 2013 will be left blank until the savings are quantified in the 2013 evaluation. |  |  |  |  |  |  |  |

[^6]Net Incremental Energy Savings (kWh)
new energy savings from activity within the specified
reporting period)

| 2011 | 2012 | 2013 | 2014 |
| :---: | :---: | :---: | :---: |
| 23,005,812 | 13,424,518 | 8,183,872 |  |
| 450,187 | 974,621 | 1,407,949 |  |
| 59,437,670 | 32,841,283 | 28,268,532 |  |
| 21,211,537 | 1,398,202 | 3,139,871 |  |
| 29,387,468 | 26,781,674 | 30,381,982 |  |
| 2,652 | - | - |  |
| 24,870 | 359,408 | 666,964 |  |
| - | - | - |  |
| 743 | 17,152 | 38,516 |  |
| 133,520,941 | 75,796,859 | 72,087,685 |  |


| 136,002,258 | 314,922,468 | 334,817,664 |
| :---: | :---: | :---: |
| 61,076,701 | 57,345,798 | 67,108,291 |
| - | - | - |
| 411,717 | 1,814,721 | 1,921,510 |
| - | 7,049,351 | 4,758,312 |
| 157 | 1,068 | 3,882 |
| - | - | - |
| 633,421 | 281,823 | 364,174 |
| 198,124,253 | 381,415,230 | 408,973,834 |
|  |  |  |
| - | - | 357,000 |
| - | - | - |
| - | 7,372,108 | 15,106,456 |
| 28,866,840 | - | - |
| 3,080,737 | 1,784,712 | 4,017,369 |
| 31,947,577 | 9,156,820 | 19,480,824 |
|  |  |  |
| 39,283 | 5,442,232 | 18,197,636 |
| 39,283 | 5,442,232 | 18,197,636 |
|  |  |  |
| - | - | 345,428 |
| - | - | 345,428 |



Full OEB Target:
\% of Full OEB Target Achieved to Date (Scenario 1):

Program-to-Date Unverified Progress to Target (excludes DR)

## 2014 Net Annual 2011-2014 Net Peak Demand Cumulative Energy

 Savings (kW) Savings (kWh)| 2014 | $\mathbf{2 0 1 4}$ |
| ---: | ---: |
|  |  |
| 6,451 | $148,544,601$ |
| 1,479 | $7,328,424$ |
| 67,504 | $392,811,594$ |
| 1,733 | $95,320,495$ |
| 4,750 | $258,658,860$ |
| 0 | 10,607 |
| - | $1,051,242$ |
| - | - |
| 18 | 131,462 |
| $\mathbf{8 1 , 9 3 5}$ | $\mathbf{9 0 3 , 8 5 7 , 2 8 5}$ |


| 138,792 | 2,150,282,786 |
| :---: | :---: |
| 47,532 | 525,289,451 |
| - |  |
| 1,774 | 10,934,051 |
| 2,428 | 30,664,678 |
| - | 5,107 |
| - |  |
| - | 1,279,418 |
| 190,526 | 2,718,455,491 |
|  |  |
| 41 | 714,000 |
| - |  |
| 3,381 | 52,329,236 |
| 4,613 | 115,462,282 |
| - | 8,882,817 |
| 8,035 | 177,388,335 |
|  |  |
| 2,508 | 52,879,102 |
| 2,508 | 52,879,102 |
|  |  |
| 28 | 690,856 |
| 28 | 690,856 |


|  |  |  |
| ---: | ---: | :---: |
| 21,662 | $484,552,876$ |  |
| 10,155 | $165,987,955$ |  |
| 15,805 | $34,859,545$ |  |
| 1,981 | $30,382,733$ |  |
| 399 | $5,468,679$ |  |
| $\mathbf{5 0 , 0 0 1}$ | $\mathbf{1 , 0 3 4 , 2 5 1 , 7 8 8}$ |  |
|  |  |  |
| 2,304 | $3,565,086$ |  |
| - | - |  |
| $\mathbf{2 , 3 0 4}$ | $\mathbf{3 , 5 6 5 , 0 8 6}$ |  |
| $\mathbf{1 , 1 5 6}$ | $\mathbf{7 3 , 9 1 8 , 5 9 8}$ |  |
| $\mathbf{3 3 5 , 3 3 8}$ | $\mathbf{4 , 8 7 9 , 8 6 9 , \mathbf { 3 5 8 }}$ |  |
| - | $\mathbf{1 1 , 2 1 8 , 5 8 5}$ |  |
| $\mathbf{3 3 6 , 4 9 4}$ | $\mathbf{4 , 9 6 5 , 0 0 6 , 5 4 1}$ |  |



| \# | Initiative | Unit |
| :---: | :---: | :---: |
| Consumer Program |  |  |
| 1 | Appliance Retirement | Appliances |
| 2 | Appliance Exchange | Appliances |
| 3 | HVAC Incentives | Equipment |
| 4 | Conservation Instant Coupon Booklet | Measures |
| 5 | Bi-Annual Retailer Event | Measures |
| 6 | Retailer Co-op | Items |
| 7 | Residential Demand Response (switch/pstat)* | Devices |
| 8 | Residential Demand Response (IHD) | Devices |
| 9 | Residential New Construction | Homes |
| Consumer Program Total |  |  |
| Business Program |  |  |
| 10 | Retrofit | Projects |
| 11 | Direct Install Lighting | Projects |
| 12 | Building Commissioning | Buildings |
| 13 | New Construction | Buildings |
| 14 | Energy Audit | Audits |
| 15 | Small Commercial Demand Response (switch/pstat)* | Devices |
| 16 | Small Commercial Demand Response (IHD) | Devices |
| 17 | Demand Response 3* | Facilities |
| Business Program Total |  |  |
| Industrial Program |  |  |
| 18 | Process \& System Upgrades | Projects |
| 19 | Monitoring \& Targeting | Projects |
| 20 | Energy Manager | Projects |
| 21 | Retrofit | Projects |
| 22 | Demand Response 3* | Facilities |
| Industrial Program Total |  |  |
| Home Assistance Program |  |  |
|  | Home Assistance Program | Homes |
| Home Assistance Program Total |  |  |
| Aboriginal Program |  |  |
|  | Aboriginal Program | Homes |
| Aboriginal Program Total |  |  |
| Pre-2011 Programs completed in 2011 |  |  |
| 24 | Electricity Retrofit Incentive Program | Projects |
| 25 | High Performance New Construction | Projects |
| 26 | Toronto Comprehensive | Projects |
| 27 | Multifamily Energy Efficiency Rebates | Projects |
| 28 | LDC Custom Programs | Projects |
| Pre-2011 Programs completed in 2011 Total |  |  |
| Other |  |  |
| 29 | Program Enabled Savings | Projects |
| 30 | Time-of-Use Savings | Homes |
| Other Total |  |  |
| Adjustment to Previous Year's Verified Results |  |  |
| Energy Efficiency Total |  |  |
| Demand Response Total (Scenario 1) |  |  |
| OPA-Contracted LDC Portfolio Total |  |  |
| Activity \& savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1 , 2011. |  |  |

Table 4B: Province-Wide Initiative and Program Level Savings by Quarter for Current Reporting Year**


## *Includes adjustments after Final Reports were issued

** Updates to the previous quarter's participation may occur as a result of additional data received

Table 5: Data Qualifiers for Initiatives Currently In-Market \& Likelihood of Additional Data
Data included in the Q4 2013 report includes all program activity completed (as per the savings 'start' date) on or before December 31st, 2013.

| Initiative | Savings 'start' Date | Data Available | Additional Data Likely |
| :---: | :---: | :---: | :---: |
| Consumer Program |  |  |  |
| Appliance Retirement | Pick-up date | When database is queried. Typically up-to-date. | Moderate |
| Appliance Exchange | Exchange event date | Once data is submitted to the OPA by retailers and undergoes QA/QC by OPA staff. Typically 3-6 months to receive and process all data. | High |
| HVAC Incentives | Installation date1 | Rebate Status = Approved, Cheque Issued and Cheque Cashed; Typically 1 - 4 months delay | High |
| Conservation Instant Coupon Booklet | Coupon redemption year | Once data is submitted to the OPA by retailers and undergoes QA/QC by OPA staff. Typically 3-6 | High |
| Bi-Annual Retailer Event | Year and quarter of the event | months to receive and process all data. | High |
| Retailer co-op activities | Will vary by specific project | Will vary by specific project | Low |
| Residential Demand Response | Device installation date | Data successfully uploaded into RDR settlement system as of December 31st, 2013 | High |
| Residential New Construction | Project completion | Preliminary Billing Report submitted to OPA | Low |
| Business (Commercial \& Institutional) Program |  |  |  |
| Retrofit | Actual project completion date | In the "Post Project Submission" Stage (excluding "Payment Denied by LDC") within iCON CRM as of January 13th, 2013 | Low |
| Direct Installed Lighting | Retrofit date | Work-order: invoiced, approved and paid to LDC. Typically 1.5-2 months delay. Any projects that are flagged as duplicates will not appear in reports until duplicates have been resolved. | High |
| Building Commissioning | Hand off date | Preliminary Billing Report submitted to OPA and reviewed | Moderate |
| New Construction | Actual project completion date | Preliminary Billing Report submitted to OPA and reviewed | Moderate |
| Energy Audit | Audit completion date | Preliminary Billing Report submitted to OPA and reviewed | Moderate |
| Small Commercial Demand Response | Device installation date | Data successfully uploaded into RDR settlement system | Moderate |
| Demand Response 3 | Facility is available under contract | Facility available under contract with aggregator | Low |
| Industrial Program |  |  |  |
| Process \& System Upgrades | In-service date | Preliminary Billing Report submitted to OPA and reviewed | Low |
| Monitoring \& Targeting | Project completion date | Preliminary Billing Report submitted to OPA and reviewed | Low |
| Energy Manager (EEM or REM) | Project completion date | Completed, non-incented projects submitted quarterly by Energy Manager. | High |
| Retrofit | All Retrofit projects are now reported under the Business Program |  |  |
| Demand Response 3 | Facility is available under contract | Facility available under contract with aggregator. | Low |
| Home Assistance Program |  |  |  |
| Home Assistance Program | Project completion date | Preliminary Billing Report submitted to OPA and reviewed | High |
| Pre-2011 Projects Completed in 2011 |  |  |  |
| High Performance New Construction | Project completion date | Reviewed and processed from delivery agent, quarterly | Moderate |

1: Monthly reports split savings into months using the approval date

## Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity in a given year and resource savings persisting from previous years). Annual savings for Demand Response resources represent the savings from all active facilities contracted since January 1, 2011.

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011-2014). This concept does not apply to peak demand savings.

Current Reporting Period: the calendar quarter specified on page 1 of this report.
Effective Useful Life: detemines the persistence of savings for a given technology or initiative. Factors that may effect the useful life of a technology are typical use and operating hours, upcoming code changes, etc. Demand response resources are assumed to have a persistence of 1 year.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses). All savings presented in this report are at the end-user level.

Final or Verified Savings: savings achieved that have undergone annual Evaluation, Measurement \& Verification (EM\&V) and thus have had activity audited and savings assumptions measured and verified.

Implementation Period: the particular calendar quarter or calendar year that conservation activity is achieved based on when the savings are considered to 'start' (please see table 5).

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start' (please see table 5). Incremental savings for Demand Response resources represent the savings from all active facilities contracted since January 1, 2011 (i.e. Incremental = Annual for demand response only).

Initiative: a Conservation \& Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge \& Freezer Pickup).
Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc. Please refer to the webinars in the "Reporting Methodology" section for more information.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of freeriders, etc. Please refer to the webinars in the "Reporting Methodology" section for more information.

Program-to-Date: the reporting period from January 1, 2011 until the end of the Current Reporting Period.
Program: a group of initiatives that target a particular market sector (i.e. Consumer, Industrial).
Reported or Unverified Savings: savings achieved that are based on reported activity and forecasted or best available savings assumptions. These savings are not verified, i.e. have not undergone the Evaluation, Measurement \& Verification processes.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

## Reporting Methodology (Quarterly, Unverified results):

There are several resources on reporting that are available to LDCs:

- Reporting Policy \& FAQ Document found on the iCON Portal in the "Other Program Materials" under "Reporting Tools"
- LDC Consumer Program Tracking Tool found on the iCON Portal in "Other Program Materials" under "Reporting Tools"
- Webinars (available at the following link: http://www.snwebcastcenter.com/custom_events/opa-20111781/site/index.php)
- Understanding your Q4 2011 Report (April 11, 2012)
- Tools from the Reporting WG (April 25, 2012)
- A Deeper Look at: peaksaverPLUS® (May 23, 2012)
- A Deeper Look at: Demand Response 3 (June 6, 2012)
- Revisiting Reporting (June 20, 2012)
- Quarterly CDM Status Report update (October 24, 2012) http://powerauthority.webex.com; password: DCx2012

Exhibit:
Tab:
Schedule:
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May 29, 2014

## Smart Meters

In November 2012, Festival Hydro received approval on its stand alone application for the disposition of its 1555 smart meter variance account. That approval did not included stranded meters, which remained in the USOA\#1860 capital accounts. Festival is requesting recovery of the remaining stranded meter balance as part of this application.

The net book value of the stranded meters has been included in Account \#1860 meter capital balances up to December 31, 2014, with depreciation expense being taken annually. Effective January 1, 2015, Festival is proposing transferring the remaining balance of $\$ 234,537$ from Account \# 1860 to account \# 1555 and commence recovery of the balance through a separate smart meter rate rider. Below is OEB Appendix $2 S$ which provides the net book value from 2010 to 2014.

## Appendix 2-S <br> Stranded Meter Treatment

| Year | Notes | Gross Asset Value | Accumulated Amortization | Contributed Capital (Net of Amortization) | Net Asset | Proceeds on Disposition | Residual Net Book Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (A) | (B) | (C) | (D ) = (A) - (B) - (C) | (E) | (F) $=(\mathrm{D})-(\mathrm{E})$ |
| 2007 |  |  |  |  | \$ |  | \$ |
| 2008 |  |  |  |  | \$ |  | \$ |
| 2009 |  |  |  |  | \$ |  | \$ |
| 2010 |  | \$ 2,551,947 | \$ 2,016,256 |  | \$ 535,691 |  | \$ 535,691 |
| 2011 |  | \$ 2,551,947 | \$ 2,096,632 |  | \$ 455,315 |  | \$ 455,315 |
| 2012 |  | \$ 2,551,947 | \$ 2,169,585 |  | \$ 382,362 |  | \$ 382,362 |
| 2013 | Actual | \$ 2,551,947 | \$ 2,267,939 |  | \$ 284,008 |  | \$ 284,008 |
| 2014 |  | \$ 2,551,947 | \$ 2,317,410 |  | \$ 234,537 |  | \$ 234,537 |

Festival requests to recover the balance of $\$ 234,537$ in Account 1555- Sub-Account - Stranded Meters, over a period of one year, from Jan 1, 2015 to Dec 31, 2015, by means of the customer specific rate riders of $\$ 0.90$ per month for residential customers and $\$ 1.53$ per month for $\mathrm{GS}<50$ kW customers. The rate riders have been calculated based on the same ratio used in

| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
| Schedule: | 11 |
| Page: | 2 of 2 |

Date Filed:
May 29, 2014
determining the Rate Rider for Smart Meter Incremental Revenue Requirement (SMIRR) approved as part of the November 1, 2012 disposition of acct 1555 smart meter costs.

The residential rate of $\$ 0.90$ per month is much less than the $\$ 2.79$ currently paid for the SMIRR. Likewise, for G.S. $<50 \mathrm{~kW}$ the rate of $\$ 1.53$ in much less than the existing SMIRR.

The table below provides the proposed monthly fixed charge rate riders to be collected over a one year period. Account 1555 can then be closed as all costs and recoveries related to smart meters should be complete.

## Rate Rider Calculation for Smart Meter Stranded Assets

Please indicate the Rate Rider Recovery Period (in years) $\quad 1$

| Rate Class <br> (Enter Rate Classes in cells below) | Units | kW / kWh / \# of Customers | Allocation factor** | Rate Rider for Accounts 1575 and 1576 |
| :---: | :---: | :---: | :---: | :---: |
| Residential | \# of Customers | 18,224 | 84.1\% | 197,245.62 |
| General service < 50 kW | \# of Customers | 2,029 | 15.9\% | 37,291.38 |
|  |  | - |  | - |
|  |  | - |  | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ | - |
|  |  | - | \$ - | - |
| ** Allocation factor based on 2012 Approved Smart Meter |  | - |  | - |
| Incremental Revenue Requirement Rate Rider ("SMIRR") |  | - |  | - |
|  |  | - |  | - |
| Total |  |  | \$ 1 | 234,537.00 |


| Monthly <br> Fixed Rate <br> Rider (per <br> customer <br> per month) |
| ---: |
| $\mathbf{0 . 9 0 1 9}$ |
| $\mathbf{1 . 5 3 1 6}$ |
| - |
| - |
| per cer customer per month |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
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| - |
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| - |
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| File Number: | EB-2014-0073 |
| :--- | ---: |
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## Incremental Capital


#### Abstract

During 2013 Festival Hydro completed construction of a new 62 MVA Transformer station on the south side of the City of Stratford. As part of Festival's 2013 IRM application (EB-2013-0214), the Board's Decision and Order dated April 4, 2013 in the Board's Findings states "The Board accepts the evidence that a new transformer station is needed and is a nondiscretionary expense to come into service in 2013. The Board is further persuaded by the evidence that the project evaluation was done thoroughly and the resulting solution is prudent. The annual revenue requirement impact arising from the proposed cost of $\$ 7,854,730$ is therefore approved for recovery through rate riders to be included on Festival Hydro's Tariff of Rates and Charges for 2013 rates and until the effective date of its next cost of service rate order." Festival commenced recovery of its cost through an ICM rate rider effective May 1, 2013.


The Decision and Order further states "Board staff submitted that the total eligible incremental capital calculated in accordance with recent ICM Board decisions would be $\$ 15,709,459$ (i.e. $\$ 15,863,113$ the cost of the transformer) plus $\$ 3,489,000$ (the remaining non-discretionary capital forecast for 2013) minus the materiality threshold of $\$ 3,642,654$. Based on this calculation, $\$ 15,709,459$ is the total amount of the TS that Festival Hydro is eligible to base its revenue requirement calculation on. Since Festival Hydro is scheduled to rebase one year after the ICM, the half year rule should apply. Therefore, the amount used in the model should be \$7,854,730. Board staff estimates that Festival Hydro has understated the revenue requirement impact by approximately \$6,000. Festival adjusted for this difference."

In the Decision and Order, the Board approved the total costs of the Transformer of $\$ 15,863,113$. However, the actual costs incurred came in $\$ 551,330$ lower than budget

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at a final amount of $\$ 15,311,784$. In Exhibit 2, Tab 5, Schedule 5 under ICM Assets to Transfer to Rate Base, is provided a variance analysis explaining the differences of budget to actual costs incurred.

In accordance with 2.2 .7 of the Filing Requirements for Transmission and Distribution Applications requirements, Festival has followed the Board's recommended ICM Accounting treatment. Festival has recorded the eligible ICM amounts in Account 1508, Other Regulatory Asset, sub-account Incremental Capital Expenditures effective December 1, 2013. During the incremental capital assets under construction period, the normal accounting treatment continued in the construction work in progress ("CWIP") (USOA \# 2055) prior to these assets going into service, which occurred effective December 1, 2013 when the first customer was energized from the new TS. The amortization of capital assets for a one month period in 2013 and 12 month period for 2014 has been recorded in the subaccount, Incremental Capital Expenditures. In addition, the revenues collected from the rate rider which commenced effective May 1, 2013 have been recorded in Account 1508, Other Regulatory Asset, sub-account, Incremental Capital Expenditures rate rider.

In 2014, there are no plans to add further capital assets to account 1508. Festival will be recording the TS operating expenses and the rate rider recovery during 2014 plus carrying charges calculated at the OEB prescribed rates, and deprecation and accumulated amortization amounts for the year.

As part of the 2015 COS application, Festival's request the Board approve disposition of the Acct 1508 ICM Rate Ride account effective January 1, 2015. The table below shows the values recorded in the 1508 account for 2013 and 2014, and the impact of the disposition entry effective January 1, 2015:

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## ICM Rate Rider ACCOUNT \# 1522 - Continuity Schedule

|  | 2013 | 2014 | Jan 1, 2015 transfer |
| :---: | :---: | :---: | :---: |
| Opening, Jan 1 | 0 | 15,053,811 | 14,700,143 |
| TS O \& M Expenses | 104,816 | 140,000 | -244,816 |
| Interest | 17,623 | 217,469 | -235,093 |
| Transfer in from CWIP | 15,311,782 | 0 | -15,311,782 |
| Depreciation | 28,137 | 225,098 | -253,235 |
| Accumulated Depreciation | -28,137 | -225,098 | 253,235 |
| Less ICM Rate Rider Recovery | -380,411 | -711,137 | 1,091,548 |
| Ending Bal, Dec 31 | 15,053,811 | 14,700,143 | 0 |


|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  |  |  |  |  |
| Entry required for Jan | 1,2015 dis |  |  |  |
|  |  | USOA |  |  |
| TS Land | DR | 1805 | 913,474 |  |
| TS capital | DR | 1815 | 13,961,840 |  |
| CCRA agreement | DR | 1609 | 436,468 |  |
| Interest Income | DR | 4405 | 235,093 |  |
| Distribution Revenue | CR | 4080 |  | 1,091,548 |
| Depn Exp | DR | 5705 | 253,235 |  |
| Accum Depn | CR | 2218 |  | 253,235 |
| TS O \& M Expenses | DR | 5015 | 244,816 |  |
| ICM Variance Acct | CR | 1508 |  | 14,700,143 |
|  |  |  | 16,044,926 | 16,044,926 |
|  |  |  |  |  |
| Transfer back to fixed | asssets 18 | 609 (gross) | 15,311,782 |  |
| Less Accumulated Dep | reciation |  | -253,235 |  |
| Net book value upon t | transfer , J |  | 15,058,547 |  |

## New ICM Rate Rider

Festival Hydro was originally scheduled to file its COS Application effective May 1, 2014. As a result, only half the value of the TS station was allowed in the calculation of the ICM rate rider effective May 1, 2013. Subsequently, Festival submitted a request

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and was approved by the Board a deferral of its COS to January 1, 2015. Since Festival was allowed only one-half the value of the TS station in the ICM rate rider for the 2013 rate year (May 1, 2013 to April 30, 2014), Festival believes that for the remaining 8 month period, May 1, 2014 to Dec 31, 2014, Festival should be eligible for an additional rate rider to reflect the full value of the asset over the eight month period.

Festival Hydro has recalculated the Incremental Revenue Requirement in the ICM rate rider model for the period May 1, 2013 to April 30, 2014 and has created a new ICM Rate model for the 8 months ended December 31, 2014. The revised calculations are based on trued-up of actual cost and reflect the following additional true up changes:

## May 1, 2013 to Apr 30, 2014

- The total TS spend as originally reported has been reduced by $\$ 551,330$ representing the amount the project came in below budget (half year rule applied).
- Only one month of depreciation has been taken rather than 6 months depreciation as used in the original model. Our external auditors noted that given the large dollar value of the TS asset, under CGAAP rules it was not prudent to take one-half year of depreciation when the asset was only operational for one month. Festival is using this same one-time rule for regulatory accounting as it relates to this specific TS asset due to its significant dollar value.
- The final TS asset value has been componentized into greater detail according to the useful lives recommended in the Kinetrics report. The original filing was based on high level estimates at that time using the Kinetrics report as a guide.
- A revised CCA amount has been calculated based on the updated asset components and depreciation schedules trued-up for actual cost.

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May 1, 2014 to Jan 1, 2015 (8 months)

- Using the revised model for May 1, 2013 to Apr 40, 2014, the asset value for 2014 have been increased to reflect the full cost of the asset less 2013 depreciation, and then divided by $12 \times 8$ to determine the revenue requirement for an 8 month period (no half year rule required).
- The 2014 CCA amount has been calculated based on the updated asset components and depreciation schedules trued-up for actual cost.

Below is the revised 2013 and the new 2014 ICM Workform Page E.4. 1 Inc Adjustment Worksheet containing the changes as noted above.

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| :--- | ---: |
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## Incremental Capital Adjustment

| Current Revenue Requirement |  |
| :--- | :--- |
| Current Revenue Requirement - Total | $\underline{\$ 10,001,218}$ |


| Return on Rate Base |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Incremental Capital CAPEX |  |  |  | 7,502,237 |
| Depreciation Expense |  |  | \$ | 28,137 |
| Incremental Capital CAPEX to be included in Rate Base |  |  | \$ | 7,474,100 |
| Deemed ShortTerm Debt \% | 4.0\% | E | \$ | 298,964 |
| Deemed Long Term Debt\% | 56.0\% | F | \$ | 4,185,496 |
| Short Term Interest | 2.07\% | 1 | \$ | 6,189 |
| Long Term Interest | 5.68\% | J | \$ | 237,826 |
| Return on Rate Base - Interest |  |  | \$ | 244,015 |
| Deemed Equity \% | 40.0\% | N | \$ | 2,989,640 |
| Return on Rate Base -Equity | 9.85\% | 0 | \$ | 294,480 |
| Return on Rate Base - Total |  |  | \$ | 538,494 |


| Amortization Expense |  |
| :--- | :--- |
| Amortization Expense - Incremental | C \$ 28,137 |


| Grossed up PIL's |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Regulatory Taxable Income |  | 0 | \$ | 294,480 |
| Add Back Amortization Expense |  | S | \$ | 28,137 |
| Deduct CCA |  |  | \$ | 483,428 |
| Incremental Taxable Income |  |  | -\$ | 160,811 |
| Current Tax Rate (F1.1 z -Factor Tax Changes) | 26.5\% | x |  |  |
| PLL's Before Gross Up |  |  | -\$ | 42,615 |
| Incremental Grossed Up PIL's |  |  | -\$ | 57,980 |


| Ontario Capital Tax |  |
| :--- | :--- |
| Incremental Capital CAPEX |  |
| Less : Available Capital Exemption (if any) | $\$ 7,502,237$ |
| Incremental Capital CAPEX subject to OCT | $\$$ |
| Ontario Capital Tax Rate (F1.1 z-Factor Tax Changes) | $\$ 7,502,237$ |
| Incremental Ontario Capital Tax | $0.000 \%$ AD |
|  |  |


| Incremental Revenue Requirement |  |  |  |
| :--- | ---: | ---: | ---: |
| Return on Rate Base - Total | Q | $\$$ | 538,494 |
| Amortization Expense - Total | S | $\$$ | 28,137 |
| Incremental Grossed Up PIL's | Z | $-\$$ | 57,980 |
| Incremental Ontario Capital Tax | AE | $\$$ | - |
|  |  |  |  |
|  |  |  | 508,652 |
|  |  |  |  |


| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
| Schedule: | 12 |
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## Incremental Capital Adjustment

| Current Revenue Requirement |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Current Revenue Requirement - Total |  |  | \$10,001,218 |  |
| Return on Rate Base |  |  |  |  |
| Incremental Capital CAPEX |  |  |  | 10,086,661 |
| Depreciation Expense |  |  |  | 225,098 |
| Incremental Capital CAPEX to be included in Rate Base |  |  |  | 9,861,563 |
| Deemed ShortTerm Debt \% | 4.0\% | E | \$ | 394,463 |
| Deemed Long Term Debt \% | 56.0\% | F | \$ | 5,522,475 |
| Short Term Interest | 2.07\% | I | \$ | 8,165 |
| Long Term Interest | 5.68\% | J | \$ | 313,795 |
| Return on Rate Base - Interest |  |  | \$ | 321,961 |
| Deemed Equity \% | 40.0\% | N | \$ | 3,944,625 |
| Return on Rate Base -Equity | 9.85\% | 0 | \$ | 388,546 |
| Return on Rate Base - Total |  |  |  | 710,506 |


| Amortization Expense |  |
| :--- | :--- |
|  |  |
| Amortization Expense - Incremental | C $\$ \quad 225,098$ |


| Grossed up PIL's |  |  |  |
| :--- | :---: | :---: | :---: |
| Regulatory Taxable Income | O | $\$$ | 388,546 |
| Add Back Amortization Expense | S | $\$$ | 225,098 |
| Deduct CCA |  | $\$$ | 605,971 |
| Incremental Taxable Income | $26.5 \%$ | X |  |
|  |  |  |  |
| Current Tax Rate (F1.1 z-Factor Tax Changes) |  |  |  |
| PIL's Before Gross Up |  | $\$$ | 2,672 |
| Incremental Grossed Up PIL's | $\$$ | 2,766 |  |


| Ontario Capital Tax |  |
| :--- | :--- |
| Incremental Capital CAPEX | $\$ 10,086,661$ |
| Less : Available Capital Exemption (if any) | $\$-$ |
| Incremental Capital CAPEX subject to OCT | $-\$ 10,086,661$ |
| Ontario Capital Tax Rate (F1.1 z-Factor Tax Changes) | $0.000 \%$ AD |
| Incremental Ontario Capital Tax | $\boxed{\$}$ |


| Incremental Revenue Requirement |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Return on Rate Base - Total | Q | $\$$ |  |  |


| Exhibit: | 9 |
| :--- | ---: |
| Tab: | 3 |
| Schedule: | 12 |
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|  |  |

## Incremental Capital Adjustment

| Current Revenue Requirement |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Current Revenue Requirement - Total |  |  | \$10,001,218 |  |
| Return on Rate Base |  |  |  |  |
| Incremental Capital CAPEX |  |  | \$ | 7,777,903 |
| Depreciation Expense |  |  | \$ | 188,104 |
| Incremental Capital CAPEX to be included in Rate Base |  |  |  | 7,589,799 |
| Deemed ShortTerm Debt \% | 4.0\% | E | \$ | 303,592 |
| Deemed Long Term Debt \% | 56.0\% | F | \$ | 4,250,287 |
| Short Term Interest | 2.07\% | 1 | \$ | 6,284 |
| Long Term Interest | 5.68\% | J | \$ | 241,508 |
| Return on Rate Base - Interest |  |  |  | 247,792 |
| Deemed Equity \% | 40.0\% | N | \$ | 3,035,919 |
| Return on Rate Base -Equity | 9.85\% | 0 | \$ | 299,038 |
| Return on Rate Base - Total |  |  |  | 546,830 |


| Amortization Expense |  |
| :--- | :--- |
|  |  |
| Amortization Expense - Incremental | C $\$ 188,104$ |


| Grossed up PIL's |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Regulatory Taxable Income |  | 0 | \$ | 299,038 |
| Add Back Amortization Expense |  | S | \$ | 188,104 |
| Deduct CCA |  |  | \$ | 660,552 |
| Incremental Taxable Income |  |  | -\$ | 173,410 |
| Current Tax Rate (F1.1 Z-Factor Tax Changes) | 26.5\% | X |  |  |
| PIL's Before Gross Up |  |  | -\$ | 45,954 |
| Incremental Grossed Up PIL's |  |  | -\$ | 62,522 |


| Ontario Capital Tax |  |
| :--- | :--- |
| Incremental Capital CAPEX | $\$ 7,777,903$ |
| Less : Available Capital Exemption (if any) | $\$$ |
| Incremental Capital CAPEX subject to OCT | $\$ 7,777,903$ |
| Ontario Capital Tax Rate (F.1.1 Z-Factor Tax Changes) | $0.000 \%$ AD |
| Incremental Ontario Capital Tax | $\boxed{\$}$ |


| Incremental Revenue Requirement |  |  |  |
| :---: | :---: | :---: | :---: |
| Return on Rate Base - Total | Q | \$ | 546,830 |
| Amortization Expense - Total | S | \$ | 188,104 |
| Incremental Grossed Up PIL's | Z | -\$ | 62,522 |
| Incremental Ontario Capital Tax | AE | \$ | - |
| Incremental Revenue Requirement |  | \$ | 672,412 |


| Exhibit: | 9 |
| :--- | ---: |
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Festival Hydro is requesting approval for a rate rider arising as a result of the differences between in the incremental revenue requirement, as calculated in the original ICM Rate Rider model, compared to the revised 2013 and 8 month 2014 models, trued up to reflect the various factors noted above. The recalculated revenue requirement of $\$ 1,447,023$ is $\$ 326,336$ higher than the rate rider revenues forecasted to be recovered in the original model of $\$ 672,412$ for 2013 plus 8 months in 2014 of $\$ 448,275$ as outlined below:

| Description | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ (8 months) | Total |
| :--- | :--- | :--- | :--- |
| Inc. Revenue Requirement - as originally filed EB- <br> $2001-0124)(2014=2013 / 12 * 8)$ | $\$ 672,412$ | $\$ 448,275$ | $\$ 1,120,687$ |
| Inc. Revenue Requirement - true up of costs, <br> depreciation and CCA) | $\$ 508,652$ | $\$ 938,371$ | $\$ 1,447,023$ |
| Variance arising on true up - additional inc capital <br> requirement | $\mathbf{\$ ( 1 6 3 , 7 6 0 )}$ | $\mathbf{\$ 4 9 0 , 0 9 6}$ | $\$ \mathbf{3 2 6 , 3 3 6}$ |

Festival proposes that the shortfall of $\$ 326,336$ be recovered from customers through a volumetric rate rider over a period of one year. Festival requests the Board approve a new Incremental Capital Rate Rider effective Jan 1, 2015. The calculation of the incremental capital rate rider is provided in the table below.

| Proposed Incremental Capital Volumetric Rate Rider effective Jan 1, 2015 to Dec 31, 2015 (1 year) | \$ | 326,336.00 |
| :---: | :---: | :---: |


| Rate Class | $\begin{gathered} 2015 \text { Test Year } \\ \text { kWh } \end{gathered}$ | $\begin{aligned} & 2015 \text { Test Year } \\ & \text { kW } \end{aligned}$ | Allocatoin based on 2015 TY kWh | Allocated Balance | Volumetric Rate Rider |  | Unit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | 140,900,798 | - | 23.7\% | 77,347 | \$ | 0.0005 | kWh |
| GS < 50 kW | 64,179,621 | - | 10.8\% | 35,231 | \$ | 0.0005 | kWh |
| GS >50 kW to 4,999 kW | 361,832,480 | 946,164 | 60.9\% | 198,627 | \$ | 0.2099 | kW |
| Large Use | 22,191,326 | 34,422 | 3.7\% | 12,182 | \$ | 0.3539 | kW |
| USL | 660,967 | - | 0.1\% | 363 | \$ | 0.0005 | kWh |
| Sentinel Lights | 150,156 | 356 | 0.0\% | 82 | \$ | 0.2315 | kW |
| Street Lighting | 4,559,343 | 12,017 | 0.8\% | 2,503 | \$ | 0.2083 | kW |
| Total | 594,474,691 | 992,959 | 1 | 326,336 |  |  |  |

## Revision to ICM True Up Calculation

## Festival Hydro Inc. <br> 2015 COS Application (EB-2014-0073) Oral Hearing Evidence

## Ref: E9/T3/S12, pp. 1-9 - Incremental Capital Module True-up

In Exhibit 9, Tab 3, Schedule 12 Pages 4 to 9, Festival originally provided a true-up calculation for its new 62 MVA Transformer station, which was funded through an incremental capital module as part of its 2013 IRM application. Festival is refiling the true up calculation evidence based on the fact that the asset was not energized until December 2013. It also reflects the fact that Festival's rebasing was moved out an additional year.

The original ICM model, as filed with Festival's 2013 IRM application (EB-2012-0124), has been updated as follows:

- The total TS spend has been reduced from the original ICM budget amount by $\$ 551,330$ to agree to the final spend amount at December 31, 2013 of $\$ 15,311,782$.
- The incremental capital CAPEX represents the average of the 2013 and 2014 net asset balance for the TS balances, as reported on Exhibit 2, Tab 1, Schedule 1, and Page 3.
- A full year's deprecation of $\$ 337,644$ has been used in the calculation.
- The calculation reflects the projected 2014 CCA claim of $\$ 951,896$.

The original incremental revenue requirement approved as part of the 2013 IRM application (EB -20120124) was $\$ 672,412$. For the 20 month period May 1, 2013 to December 31, 2014, the amount totals \$1,120,687 (\$672,412/12*20).

On Page 3 is the updated Incremental Capital Adjustment worksheet from the ICM model. The annual incremental revenue requirement total is $\$ 1,390,762$. For the thirteen month period, the recalculated total revenue requirement is $\$ 1,506,659$ ( $\$ 1,390,792 / 12 * 13$ ).

The amount projected to be collected through the rate riders by December 31, 2104 totals $\$ 1,091,548$. Festival is proposing that the difference of $\$ 415,111$ between the amounts collected through the ICM rate rider and the true-up calculated revenue requirement be recovered through an incremental rate rider to be collected over a one year period, as presented in the rate rider table on Page 2.

| Description | 2013 | 2014 | Total |
| :--- | :---: | :---: | :---: |
| Inc. Revenue Requirement - as originally filed <br> EB-2012-0124) | $\$ 448,275$ | $\$ 672,412$ | \$1,120,687 |
| True-up Amounts: | $\$ 115,897$ | $\$ 1,390,762$ | $\mathbf{\$ 1 , 5 0 6 , 6 5 9}$ |
| Inc. Revenue Requirement - true up of costs, <br> depreciation and CCA | $\$ 380,410$ | $\$ 711,138$ | $\mathbf{\$ 1 , 0 9 1 , 5 4 8}$ |
| ICM Rate Rider collected/to be collected | $(\$ 264,513)$ | $\$ 679,624$ | $\mathbf{\$ 4 1 5 , 1 1 1}$ |
| Variance arising on true up - additional inc <br> capital requirement |  |  |  |


| Proposed ICM Rate Rider effective Jan 1, 2015 to December 31, 2015: |  |  |  |  |  | 415,111 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Class |  |  | 2015 Test Year kWh | 2015 Test <br> Year kW | Allocation | Allocated Balance | Vol Rate Rider | Unit |
| Residential |  |  | 140,396,363 |  | 23.6\% | 98,158 | 0.0007 | kWh |
| G.S. < 50 kW |  |  | 64,120,602 |  | 10.8\% | 44,830 | 0.0007 | kWh |
| G.S. 50 kW to 4999 kW |  |  | 361,168,299 | 942,723 | 60.8\% | 252,511 | 0.2679 | kW |
| Large Use |  |  | 22,711,894 | 35,166 | 3.8\% | 15,879 | 0.4515 | kW |
| Unmetered Scattered Load |  |  | 657,094 |  | 0.1\% | 459 | 0.0007 | kWh |
| Sentinel Lights |  |  | 149,276 | 353 | 0.0\% | 104 | 0.2956 | kW |
| Streetlights |  |  | 4,532,631 | 11,925 | 0.8\% | 3,169 | 0.2657 | kW |
| Total |  |  | 593,736,159 | 990,167 | 1 | 415,111 |  |  |

## Incremental Capital Adjustment

| Current Revenue Requirement |  |
| :--- | :--- |
| Current Revenue Requirement - Total | $\boxed{\$ 10,001,218}$ |


| Return on Rate Base |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Incremental Capital CAPEX |  | \$ 15,114,823 |  |  |
| Depreciation Expense |  | \$ 337,644 |  |  |
| Incremental Capital CAPEX to be included in Rate Base |  |  | \$ 14,777,179 |  |
| Deemed ShortTerm Debt \% | 4.0\% | E | \$ | 591,087 |
| Deemed Long Term Debt \% | 56.0\% | F | \$ | 8,275,220 |
| Short Term Interest | 2.07\% | I | \$ | 12,236 |
| Long Term Interest | 5.68\% | J | \$ | 470,211 |
| Return on Rate Base - Interest |  |  |  | 482,446 |
| Deemed Equity \% | 40.0\% | N | \$ | 5,910,872 |
| Return on Rate Base -Equity | 9.85\% | 0 | \$ | 582,221 |
| Return on Rate Base - Total |  |  |  | 1,064,667 |


| Amortization Expense |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Amortization Expense - Incremental |  | C | \$ | 337,644 |
| Grossed up PIL's |  |  |  |  |
| Regulatory Taxable Income |  | 0 | \$ | 582,221 |
| Add Back Amortization Expense |  | S | \$ | 337,644 |
| Deduct CCA |  |  | \$ | 951,896 |
| Incremental Taxable Income |  |  | -\$ | 32,031 |
| Current Tax Rate (F1.1 Z -Factor Tax Changes) | 26.5\% | X |  |  |
| PIL's Before Gross Up |  |  | -\$ | 8,488 |
| Incremental Grossed Up PIL's |  |  | -\$ | 11,549 |


| Ontario Capital Tax |  |
| :--- | :--- |
| Incremental Capital CAPEX | $\$ 15,114,823$ |
| Less : Available Capital Exemption (if any) | $\$$ |
| Incremental Capital CAPEX subject to OCT | - |
| Ontario Capital Tax Rate (F1.1 Z-Factor Tax Changes) |  |
| Incremental Ontario Capital Tax | $0.000 \%$ AD |


| Incremental Revenue Requirement |  |  |  |
| :--- | :---: | :---: | :---: |
| Return on Rate Base - Total | Q | $\$ 1,064,667$ |  |
| Amortization Expense - Total | S | $\$$ |  |

## JT1.14 Supplemental Information



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Representative Power \& Utilities Clients

- Ascent Group
- Bluewater Power Corporation
- Erie Thames Powerlines
- Festival Hydro
- Kitchener-Wilmot Hydro
- London Hydro Inc.
- Westario Power Inc.
- Woodstock Hydro

Representative Public Company Clients

- Contrans Group Inc.
- Hammond Manufacturing Ltd.


## Education, Licenses \& Certifications

- B.A., Huron University College, The University of Western Ontario
- B. Comm., University of Windsor
- Chartered Professional Accountant, Chartered Accountant, Ontario


## Background

During his 19 years with KPMG, Ian has provided audit and accounting professional services to clients large and small, operating in both the public and private sectors. He has a significant amount of experience in many industry segments including power and utilities, municipal, not-for-profit, health care, consumer markets and manufacturing.

## Professional and Industry Experience

In addition to serving Canadian corporations and Canadian based subsidiaries of multinational companies, lan has a significant amount of experience assisting clients reporting under ASPE, PSAB and IFRS. Ian also has experience in assisting with scoping and process documentation assignments in respect of a number of municipal and for-profit engagements. These include:

- providing recommendations for improving internal controls
- advising clients on efficient implementation strategies to improve communications and reporting processes


## Power \& Utilities Sector

- Overseeing the IFRS conversion projects for a number of his power \& utilities clients
- Assisted his clients with their response to hydro deregulation, and with the numerous accounting issues that have arisen since deregulation, including the accounting for variance accounts and future payments in lieu of taxes


## Public Company

- Assisted publicly listed and multinational private company clients with conversion to IFRS from Canadian GAAP


## Public Sector

- Assisted municipal government sector clients with the adoption of PSAB 3150, Tangible Capital Assets
- Assisted municipal government with service delivery reviews and process efficiency engagements


## Technical Skills

IFRS, Not-for- Profit Accounting Standards, PSAB, Accounting Standards for Private Enterprises (ASPE)

## Other Activities

- Executive Board Member, Huron University College
- Chair, Finance and Audit Committee, Huron University College
- President, Western Ontario Chartered Professional Accountants' Association
- Partner responsible for recruiting, KPMG London office
- Past Vice-President and Treasurer, Sunshine Foundation of Canada

Ms. Debbie Reece<br>Chief Financial Officer<br>Festival Hydro Inc.<br>187 Erie Street<br>PO Box 397<br>Stratford ON N5A 6T5

October 31, 2014

## Dear Ms. Reece:

This letter is provided at the request of management of Festival Hydro Inc. ("Festival") with respect to Festival's application to the Ontario Energy Board ("OEB") for an order approving just and reasonable rates and other charges for electricity distribution to be effective January 1, 2015. Specifically, this letter addresses the accounting for a Bypass Compensation Agreement dated December 18, 2013 (the "Agreement") between Festival and Hydro One Networks Inc. ("HONI") under Canadian generally accepted accounting principles defined as Accounting Standards published as Part V of the CPA Canada Handbook - Accounting, with rate regulated accounting ("CGAAP").

We have audited the financial statements of Festival, which comprise the balance sheet as at December 31, 2013, and the statements of earnings and retained earnings and cash flows for the year then ended and notes, comprising a summary of significant accounting policies and other explanatory information. Our auditors' report on the financial statements was dated April 24, 2014. Our report was without modification.

In our role as auditor, we must remain independent of Festival in accordance with relevant rules of professional conduct, ethical requirements and KPMG policies.

In conducting our audit, we evaluated Festival management's accounting for the Agreement. Our evaluation was for the purpose of determining that the financial statements of Festival which included the payment required under the Agreement, were fairly presented, in all material respects, in accordance with CGAAP. We confirm that the information provided to the OEB by Festival's management's regarding the accounting for the Agreement as a long-term asset (as referenced below) is consistent with the information that management provided to us during the conduct of our audit.

| Document | Date | Exhibit |
| :--- | :--- | :--- |
| 2015 COS Application (EB-2014-0073) | filed May 29, 2014 | Exhibit 1, Tab 4, <br> Schedule 1, Attachment 3, <br> 2013 Audited Financial <br> Statements |
|  |  | Exhibit 2, Tab 1, <br> Schedule 1 pages 11 to <br> 15, Intangible Assets <br> included in USoA \# 1609 |
|  |  | Exhibit 2, Tab 1, <br> Schedule 1, Attachment <br> 2.3, Permanent Bypass <br> Agreement |
| Responses to Interrogatories | filed Aug 27,2014 | Questions 2-OEB-9 |
|  | filed Sept 11, 2014 | 9-Staff-80 TCQ |
| Responses to Technical conference <br> Questions | filed Sept 24, 2014 | JT1.12, 1.14, 1.15 |
| Responses to <br> Undertakings |  |  |

In the context of financial reporting, management is responsible for selecting the appropriate accounting policies and applying them consistently from reporting period to reporting period. For financial reporting purposes, management selects accounting policies that are in accordance with CGAAP so as to ensure fair presentation of the annual financial statements. Management is also responsible for determining, in relation to the selected accounting policies, that the policies result in faithful representation of transactions undertaken by Festival and for documenting such analyses.

We undertook our audit in accordance with Canadian generally accepted auditing standards. Amongst other things, an audit includes evaluating the appropriateness of accounting policies used by management as well as evaluating the presentation of the financial statements taken as a whole. Once satisfied that we have gained sufficient, appropriate audit evidence, we express an opinion on the financial statements prepared by management. Our opinion covers the financial statements taken as a whole and is not specific to any single accounting matter or issue.

During our audit of the December 31, 2013 financial statements of Festival, we evaluated management's accounting for the Agreement as it was both a material and a non-routine transaction. We read the Agreement, discussed the issue with management, reviewed management's position relative to the chosen accounting treatment and evaluated the recognition and classification of the payment as a long-term asset in accordance with Festival's accounting policies and CGAAP.

Our audit of the December 31, 2013 financial statements comprised audit tests and procedures deemed necessary for the purpose of expressing an opinion on such financial statements taken as a whole. For neither the period referred to herein nor any other period did we perform audit tests for the purpose of expressing an opinion on individual balances of accounts or summaries of selected transactions such as those discussed in this letter, and, accordingly, we express no opinion thereon.

We believe that the audit evidence we obtained was sufficient and appropriate to provide the basis for our audit opinion on Festival's December 31, 2013 financial statements. As such, we issued an auditors' report without modification on Festival's financial position as at December 31, 2013 and the results of its operations and its cash flows for the year ended December 31, 2013 under the date of April 24, 2014.

This letter is solely for the information of the addressee and the Ontario Energy Board to assist the addressee with its application to the Ontario Energy Board for an order approving just and reasonable rates and other charges for electricity distribution to be effective January 1, 2015. It is not to be used, circulated, quoted, or otherwise referred to for any other purpose.

Yours very truly,


Ian J. Jeffreys

## Partner

ijeffreys@kpmg.ca
Direct: (519) 660-2137

Royal Bank of Canada Commercial Financial Services 476 Pearl Street
Woodstock, Ontario N4S 1K1

October 10, 2014

## Private and Confidential

FESTIVAL HYDRO INC.
187 Erie Street
Stratford, Ontario
N5A 2M6
We refer to the agreement dated June 29, 2012 and any amendments thereto, between Festival Hydro Inc., as the Borrower, and Royal Bank of Canada, as the Bank, (the "Agreement").

The Bank reserves all of its rights and remedies at any time and from time to time in connection with any or all breaches, defaults or Events of Default now existing or hereafter arising under any Bank document, and whether known or unknown, and this amending agreement shall not be construed as a waiver of any such breach, default or Events of Default.

All capitalized terms not otherwise defined herein shall have the meaning ascribed to them in the Agreement.

The Agreement is amended as follows:

1. Under the Credit Facilities section Facility \#5 is added as follows:

Facility \#5: $\quad \$ 1,200,000.00$ non-revolving term facility by way of:
a) FRT Loans

Fixed interest rate to be determined at time of Borrowing

## AVAILABILITY

The Borrower may borrow up to the amount of this term facility provided this facility is made available at the sole discretion of the Bank and the Bank may cancel or restrict availability of any unutilized portion of this facility at any time from time to time without notice.

REPAYMENT

| Payment Amount: | To be determined at <br> drawdown | Payment Frequency: | Monthly |
| :--- | :--- | :--- | :--- |
| Payment Type: | Blended (payment <br> amount subject to <br> annual adjustments to <br> ensure amortization) <br> or Principal Plus <br> interest | First payment date: | 30 days from <br> drawdown |

[^7]| Repayable in full on: | The last day of a 10 <br> year term from <br> drawdown | Original Amortization <br> (months) | 240 |
| :--- | :--- | :--- | :--- |

The specific repayment terms for Borrowings under this facility will be agreed to between the Borrower and the Bank at the time of drawdown by way of a Borrowing Request substantially in the form of Schedule "I" provided by the Borrower and accepted by the Bank.
2. Schedule "I" - Non-Revolving Term Facility Borrowing Request is added as attached.

## BUSINESS LOAN INSURANCE PLAN

The Borrower acknowledges that the Bank has offered it insurance on the Borrowings under the Business Loan Insurance Plan Policy 51000 ("Policy") issued by the Sun Life Assurance Company of Canada to the Bank and the Borrower hereby acknowledges that it is the Borrower's responsibility to apply for any new or increased amount for the Borrowings that may be eligible.

Should the Borrower decide to apply for insurance on the Borrowings, the application will be made via the Bank's Business Loan Insurance Plan application (form 3460 Eng or 53460 Fr). However, should the Borrower decide not to apply, it hereby acknowledges that the Bank may accept the Borrower's signature below as the Borrower's waiver of the offer.

If there are any discrepancies between the insurance information in this Agreement and the Business Loan Insurance Plan documents regarding the Borrowings, the Business Loan Insurance Plan documents govern.

Business Loan Insurance Plan premiums, if applicable, are taken with your scheduled loan payments. In the case of blended payments of principal and interest, as premiums fluctuate based on various factors such as, by way of example, the age of the insured and changes to the insured loan balance, a part of the premium payment may be deducted and taken from the scheduled blended loan payment with the result that the amortization period may increase in the case of any loan to which this coverage applies. Refer to the Business Loan Insurance Plan application for further explanation and disclosure.

## CONDITIONS PRECEDENT

The effectiveness of this amending agreement and the availability of any Borrowing under Facility \#5 is conditional upon receipt of:
a) a duly executed copy of this amending agreement;
b) such other authorizations, approvals, opinions and documentation as the Bank may reasonably require.

Additionally;
c) all documentation to be received by the Bank shall be in form and substance satisfactory to the Bank;
d) no Borrowing under Facility \#5 will be made available unless the Bank has received a Borrowing Request from the Borrower substantially in the form of Schedule "l".

## COUNTERPART EXECUTION

This amending agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together constitute one and the same instrument.

All other terms and conditions outlined in the Agreement remain unchanged and in full force and effect.

This amending agreement is open for acceptance until November 28, 2014, after which date it will be null and void, tunless extended in writing by the Bank.

ROYAL BANK OFGANADA
Per:
Name: Chris Hlebert
Title: Regional Director - Public Sector
/cv
Agreed to and accepted this $\qquad$ day of $\qquad$ 2014.

## FESTIVAL HYDRO INC.

Per:
Name:
Title:
Per: $\qquad$
Name:
Title:
INe have the authority to bind the Borrower

## NON-REVOLVING TERM FACILITY

## BORROWING REQUEST

The Borrower hereby requests the following be established under Facility \#5:

| Date of Borrowing |  |  |
| :---: | :---: | :---: |
| Amount of Borrowing: | \$ |  |
| Amortization (in months): |  |  |
| Selected Term (in months): <br> (Borrowing repayable in full on the last day of the Term) |  |  |
| Payment Amount: | \$ |  |
| Payment Frequency: | monthly |  |
| Selected Interest Rate (per annum): | \% |  |
| Selected Payment Type: | Blended (Principal and Interest) | Principal plus Interest |
| First Payment Due Date: |  |  |
| Amount Eligible for Prepayment of FRT Loan: | 0\% | 10\% |

Dated this $\qquad$ day of $\qquad$ 20 $\qquad$ .

FESTIVAL HYDRO INC.
Per: $\qquad$
Name:
Title:
Per: $\qquad$
Name:
Title:
I/We have the authority to bind the Borrower


[^0]:    This Workbook Model is protected by copyright and is being made available to you solely for the purpose of preparing your rate application. You may use and copy this model for that
    purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation,
    translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy
    of this model to a person that is advising or assisting you in preparing or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted

[^1]:    ${ }^{1}$ Please refer to the July 31, 2009 Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) [EB-2008-0046] for classification and descriptions of Group 2 accounts.

[^2]:    ${ }^{1}$ July 31, 2009 Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) (EB-2008-0046), page 12
    ${ }^{2}$ July 31, 2009 Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) (EB-2008-0046), page 13

[^3]:    ${ }^{3}$ Per Festival's email response dated March 7, 2013

[^4]:    ${ }^{4}$ Regulatory Audit noted that $\$ 87,491$ was the amount requested for recovery in relation to LPP in Festival's 2011 IRM (EB-2010-0083) application. However, the amount of $\$ 87,054$ was the amount approved for recovery.
    ${ }^{5}$ LPP rate rider was approved in Festival's 2011 IRM Decision (EB-2010-0083) dated April 21, 2011
    ${ }^{6}$ Per Festival's email response dated February 6, 2013
    Page 8 of 12
    Confidential

[^5]:    ${ }^{7}$ Per Festival's email response dated March 18, 2013, Follow Up Question Part 2 \#4b

[^6]:    represent the savings from all active facilities or devices contracted since January 1 ,
    2011.

[^7]:    ${ }^{\text {® }}$ Registered Trademark of Royal Bank of Canada

