Board Secretary Ontario Energy Board
2300 Yonge St
$27^{\text {th }}$ Floor
Toronto, ON M4P 1E4

January 24, 2012

Dear Ms. Walli,

## Re: Halton Hills Hydro Inc. Supplemental Interrogatory Responses to OEB Board Staff in proceeding EB-2011-0271

Halton Hills Hydro Inc. ("HHH1") hereby submits its responses to OEB Board Staff Supplemental Interrogatories to the Ontario Energy Board ("the Board").

Please find attached to this cover letter:

- 2 paper copies of the Supplemental Interrogatory Responses to OEB Board Staff in proceeding EB-2011-0271.
- 1 electronic copy of the Supplemental Interrogatory Responses to OEB Board Staff in proceeding EB-2011-0271.

A copy of the Supplemental Interrogatory Responses to OEB Board Staff has also been filed through the Web Portal and electronic copies forwarded to all intervenors in EB-2011-0271.

In the event of any additional information, questions or concerns, please contact David Smelsky, Chief Financial Officer, at dsmelsky@haltonhillshydro.com or (519) 853-3700 extension 225, or Tracy Rehberg-Rawlingson, Regulatory Affairs Officer, at tracyr@haltonhillshydro.com or (519) 853-3700 extension 257.

Sincerely,
(Original signed)
David J. Smelsky, CMA
Chief Financial Officer
Halton Hills Hydro Inc.

Cc: Arthur Skidmore, President \& CEO, HHHI
Richard King, Counsel to HHHI
Intervenors in proceeding EB-2011-0271
[ This page left intentionally blank]

# Halton Hills Hydro Inc. Responses to 

## Board Staff Supplemental Interrogatories

## EB-2011-0271

## Rate Base Assets

## 62.

Reference: Response to OEB Staff Interrogatories \#2 (c) \& \#3
The Report of the Board Transition to International Financial Reporting Standards [EB 20080408] states at p. 17:

The Board will continue to publish interest rates for CWIP as it does now. Where incurred debt is acquired on an arm's length basis, the actual borrowing cost should be used for determining the amount of carrying charges to be capitalized to CWIP for rate making during the period, in accordance with IFRS. Where incurred debt is not acquired on an arm's length basis, the actual borrowing cost may be used for rate making, provided that the interest rate is no greater than the Board's published rates. Otherwise, the applicant should use the Board's published rates.

HHHI stated in response to Board Staff IR \#2:
Interest rates to be used for capitalization will be limited to OEB's published rate for CWIP for regulatory reporting purposes.
a) Please confirm that the debt was not acquired on an arm's length basis. If not confirmed, please explain.
b) Does HHHI's capitalization policy include the treatment of the arm's length borrowing costs transactions regarding CWIP?
i. If yes, does the HHHI's capitalization policy for arm's length borrowing costs transactions for CWIP conform to the Board's Report under EB 2008-0408?
ii. If no, please explain.
a) HHHI did not have qualifying assets in CWIP.
b) Yes.
i. Yes. HHHI's capitalization policy for arm's length borrowing costs transactions for CWIP conforms to the Board's Report under EB 2008-0408.
ii. Not applicable.
63.

Reference: Response to OEB Staff Interrogatories \#4(c)
In Table OEB 1-1, there has been an overall increase in the burden rates related to the capitalization of costs for equipment rates (compared to labour and material overhead rates) for self constructed assets from September 2010 to April 2011 to April 2012.

Please explain the reasons for these increases.
The increase in equipment burden rate is a result of increase in costs related to equipment.

## HHHI's Renewable Generation Initiative

64. 

Reference: Response to OEB staff \# 14(a)
a) Please describe the voltage data that the Smart Energy Module will produce (for example whether the data will be a snapshot of voltage as the unit is interrogated, a continuous hourly record, a record of whether voltage has strayed outside a tolerance band, etc.)
b) Please describe how HHHI expects to use the new data to help regulate voltage on its secondary lines.
a) The Smart Energy Module will produce an hourly record of 10 parameters that includes secondary voltage and frequency, AC current output, AC Watts, Cumulative Energy generation in kilowatts per hour (kWhrs) DC voltage input, DC current input, temperature, AC VAR output. With the exception of kWhrs, all parameters are a snapshot at the time of reading. The portal has a feature enabling the user to set thresholds for alerts on any of these measurements.
b) HHHI will utilize the additional secondary voltage monitoring from the Smart Energy Module to monitor secondary line voltages at utility poles that have a solar unit. Solar units will be installed to optimize existing infrastructure allowing voltage monitoring. Since HHHI does not have substation control systems installed, the voltage monitoring will provide line voltage data to develop a voltage optimization business case to justify future investment in substation controls. In addition to voltage optimization, HHHI will be able to characterize line voltage outages or spikes, especially during peak/summer loading periods.

## 65.

Reference: Response to OEB staff \# 14(b)
Please describe the function of the "communicator" component, including a description of what data it stores, how the data will reach HHHI's information systems, and any on-going cost of processing data.

The communicator provides two way communications to each panel for individual control and monitoring. The system works by using wireless communication protocols enabling a mesh network for two way communication between the AC Modules and the communicator. The energy produced by the AC module with all the performance attributes are stored on the module itself as well as being accumulated by the communicator and sent to the energy portal to record the amount of energy produced. This data can then be downloaded by HHHI. Please refer to HHHI response to VECC Interrogatory \#35 for the ongoing cost of processing the data.

## 66.

Reference: Response to OEB staff \# 14(b)
Given that the Smart Energy Module includes a meter, does HHHI propose to measure the output from the solar panels and make a settlement transaction with the Ontario Power Authority as a FIT or microFIT generator? If so:
a) Does the meter meet the technical requirements for the settlement?
b) What revenue does HHHI expect to receive from the OPA on a monthly or annual basis?

HHHI does propose to measure the output of the solar panels. However, HHHI will not be making a settlement transaction with the OPA as a FIT or microFIT generator. Furthermore,
a) The meter is currently in the Measurement Canada approval process with an anticipated approval in Quarter 3 of 2012.
b) HHHI does not expect any revenue for the Green Energy initiative from the OPA.
67.

Reference: Response to Energy Probe \# 19(h)
a) Please provide the name or description of the deferral account that would be used to record the revenue benefit described in the interrogatory response, together with HHHI's proposal on when and how the balance would be disposed of to the benefit of HHHI's customers.
b) Please provide details on the assumptions that HHHI made in deriving its estimate of $\$ 35,496$ per year, for example what is the assumed load reduction at the time of HHHI's billing demand for transmission network and connection charges.
a) HHHI would track revenue benefit and record it in Deferral and Variance accounts 1580, 1584, 1586 and 1588. They would be disposed of as part of these accounts balances.
b) Please refer to HHHI response to Energy Probe Interrogatory question \#55 a).

## Challenges Associated with Distributed Generation

68. 

Reference: Response to OEB Staff \# 15
a) Please provide HHHI's expected year by year expenditures for feeder protection upgrades over the period 2012-2016.
b) Please clarify/expand on HHHI's rationale for considering the cost of the work to be part of HHHI's main capital plan and not HHHI's Green Energy Plan, even though the need for the work is presented as being related to distributed generation.
a) The feeder protection upgrades are included in Substation Upgrade projects for 2013, 2014 and 2015 and are represented in Tables EP 1-14, EP 1-15 and EP 1-16.
b) Many of HHHI's municipal substations are aging and employ older electromechanical relays for feeder protection (state-of-the-art at the time the substation was originally constructed). A typical feeder over-current protection scheme involves a number of electromechanical relays, control switches, interposing devices, etc. all wired together to provide the desired functionality. For a substation constructed today, a single microprocessor-based multi-function over-current relay would provide a multitude of protection functions in a single unit.

The multifunction relays are relatively inexpensive and are straightforward to program and test. For example, the same SEL-351 multi-function relay could be used for a
simple over-current protection scheme and could also be used for a directional overcurrent scheme to accommodate downstream distributed generation.

HHHI has had a program of upgrading the over-current protection in its substations for some time. It is more cost effective to modernize the feeder over-current protections than to bear the ongoing expense of maintaining aging equipment in working condition.

Irrespective of the Green Energy Plan, distributed or renewable generation, HHHI would continue its modernization project of replacing aging feeder protections with state-of-the-art microprocessor-based multi-function feeder protection relays and for this reason, the feeder protection upgrades are included in capital projects and not specific to HHHI's Green Energy Plan. If a new generation connection requires connection to a feeder where the protection has yet to be modernized, HHHI would adjust the order in which HHHI had planned to update the feeder protections.

## Distribution System Enhancements for Smart Grid Development

## 69.

Reference: Response to OEB staff \# 16(b)
Section 5.1 of HHHI's Green Energy Plan indicates that the cost of overcurrent protection is approximately $\$ 15,000$ per feeder, and explains in a note that this cost is described in other documents such as the 5 -year capital plan.
a) Please confirm that the cost of the overcurrent protection is a component within Feeder Reconfiguration projects (Silver Creek in 2011, Ballinafad in 2012, others in future). If not confirmed, please explain where the ongoing cost of the overcurrent protection has been included.
b) Please provide HHHI's expected year by year expenditures for modernizing the feeder protections in its substations during the period 2012-2016.
c) Please confirm that the feeder protection modernization referenced in (a) above would be carried out irrespective of any Green Energy Act initiatives.
a) The Silvercreek and Ballinafad Feeder Reconfiguration projects do not include overcurrent protection costs. The overcurrent protection upgrades are included in Substation Upgrade projects for 2013, 2014 and 2015 and are represented in Tables EP 1-14, EP 1-15 and EP 1-16.
b) There are no set expenditures for modernizing the feeder protection at this time. The expenditures are included in the total estimated capital project costs for Substation Upgrades.
c) Confirmed.

## OM\&A

## 70.

Reference: Response to OEB staff \# 22(b)
The response to OEB staff \# 22(b) shows a recurring cost for bill inserts and TOU brochures at a constant annual level.

Does HHHI expect to refine or design new brochures and inserts as the distributor and consumers gain experience with time-of-use rates and Smart Meter data, such that the assumption of a constant annual expense is reasonable?

HHHI does not expect to refine or design new brochures and inserts as the distributor and consumers gain experience with time-of-use rates and smart meter data. However, HHHI feels that it will take time for the distributors and consumers to gain experience with time-ofuse and smart meter data and the continuous communication with customers is necessary. As a result HHHI feels that the cost is reasonable.

## Treatment of Pensions and Other Post-Employment Benefits

71. 

Reference: Response to OEB staff \# 34 (including Appendix OEB 1-D)
a) Appendix OEB 1-D has two columns, one for 2009 and the other titled "Projected Calendar Year 2010". Are the data in the second column now final (despite the wording of the column heading)? If not final, please provide any update of the actual unamortized actuarial gain and loss for the year 2010 instead of the amount shown which is a gain of $\$ 53,902$.
b) If the data in Appendix OEB 1-D are not final, please provide any update for 2010 of the "Unamortized Past Service (Gain)/Loss", which is shown in section D of the table as a gain of $\$ 51,490$.
c) Does HHHI have projections for 2012 of "Unrecognized Loss/(Gain)" in section B of the table (shown as a gain of $\$ 53,902$ in 2010), and of "Unamortized Past Service (Gain)/Loss" in section D of the table (shown as a gain of $\$ 51,490$ in 2010).
d) In its response to \#34(b), HHHI stated that its unamortized gains and losses were not recorded at the date of transition to IFRS. Please explain why HHHI did not record the unamortized gains and losses at the date of transition.
e) In its response to \#34(d), HHH stated that it had not early adopted the changes in IAS 19 and so there has been no change in revenue requirement. What regulatory accounting treatment is HHHI proposing regarding:
i. the unamortized actuarial gain and loss when it adopts the changes in IAS 19?
ii. the unamortized past service gains or losses?
a) Yes, the data in the second column is final.
b) Please see part a).
c) No .
d) Adoption of the amended IAS 19 standard is effective in periods beginning on or after January 1, 2013. HHHI has chosen not to accept early adoption at this time.
e) (i) \& (ii) If a material change is the result of adopting IAS 19, HHHI proposes to allocate any unamortized actuarial gain/loss and any unamortized past service gain/loss to a deferral account.
72.

Reference: Board Staff Interrogatories \#44
In its response to the Board staff interrogatory \#44(d), HHHI stated the following with respect to the Special Purpose Charge ("SPC"):

The obligation on distributors in section 8 of the SPC Regulation is to make application to the Board by April 2012. If the Board will allow disposition on non-audited balances, HHHI would be willing to include the balance of Account 1521, including projected carrying costs to April 30, 2012 in our DVA disposition request.

Board staff notes that the Filing Requirements (Section 2.12.3) do not require the principal balance of Account 1521 to be audited.
a) Please complete the following table related to the SPC.

| SPC |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Assessment <br> (Principal <br> balance) | Amount <br> recovered <br> from <br> customers in <br> 2010 | Carrying <br> Charges for <br> 2010 | December 31, <br> 2010 Year End <br> Principal <br> Balance | December 31, <br> 2010 Year End <br> Carrying <br> Charges <br> Balance | Amount <br> recovered <br> from <br> customers in <br> 2011 | Forecasted <br> December 31, <br> 2011 Year End <br> Principal <br> Balance | Forecasted <br> April 30, 2012 <br> Carrying <br> Charges <br> Balance | Total for <br> Disposition <br> (Principal <br> \& Carrying <br> Charges) |
|  |  |  |  |  |  |  |  |  |

b) Please provide an updated version of all proposed schedules (in particular the DVA Work Form and the revised rate riders) related to the principal balance for Account 1521 at the time of completion of HHHI's SPC program plus the forecast of applicable carrying charges as of April 30, 2012.
a)

| SPC <br> Assessment <br> (Principal <br> balance) | Amount <br> recovered <br> from <br> customers in <br> 2010 | Carrying <br> Charges <br> for 2010 | December <br> 31,2010 <br> Year End <br> Principal <br> Balance | December 31, <br> 2010 Year End <br> Carrying <br> Charges <br> Balance | Amount <br> recovered <br> from <br> customers in <br> 2011 | Forecasted <br> December 31, <br> 2011 Year End <br> Principal <br> Balance | Forecasted <br> April 30, <br> 2012 <br> Carrying <br> Charges <br> Balance | Total for <br> Disposition <br>  <br> Carrying <br> Charges) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\$ 189,128$ | $\$ 122,989$ | $\$ 715$ | $\$ 66,139$ | $\$ 715$ | $\$ 82,376$ | (\$16,237) | $\$ 724$ | (\$15,513) |

b) The revised Deferral and Variance Account Workform and revised rate riders are shown in Appendix OEB 2-A.
73.

Reference: Response to OEB Staff Interrogatory \#47(b)
Please explain the nature of the asset management cost item(s) comprising the amount of \$243,685.

The $\$ 243,685$ asset management cost is a third party cost for the inventory count of HHHI actual physical assets in HHHI's distribution system.

## Cost Allocation

## 74.

Reference: Response to OEB staff \# 36 (Cost Allocation model)
HHHI changed its weighting factors for Services (Account 1855) from the previous default factors to its own factors, which are now 0 for all classes except the Residential class. The effect is to allocate all costs associated with Account 1855 'Services' to the Residential class.
a) Please confirm that the revenue requirement for the Street Light class is decreased by approximately $\$ 64,000$ as a result of this change, and that other classes other than Residential have similar decreases, compared to a run of the cost allocation study using the default weighting factors.
b) Please confirm that all assets recorded by HHHI in Account 1855 are for the purpose of distributing electricity to Residential customers only. If this is not the case, please suggest weighting factors that would reflect HHHI's practice more accurately.
a) Confirmed.
b) Confirmed.

## Smart Meters

75. 

Reference: Response to OEB Staff Interrogatory \#50
The response to \#50(a) describes an additional cost of $\$ 80$ per meter for 100 remote disconnect smart meters.

Please confirm that this is HHHI's only cost beyond minimum functionality. If not the only such cost, please describe the nature and amount of all other costs beyond minimum functionality, as identified by the following categories:

A: Costs for technical capabilities in the smart meters or related communication infrastructure that exceed those specified in O, Reg 425/06;

B: Costs for deployment of smart meters to customers other than residential and small general service (i.e. Residential and GS<50 kW customers);

C: Cost for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

HHHI confirms that the 100 remote disconnect smart meters are the only cost beyond minimum functionality.

## 76.

Reference: Response to OEB staff \# 51
Please provide a completed version of the Smart Meter model version 2.17 that has been provided. If necessary, please include references to the OEB Guideline document G-20110001 "Smart Meter Funding and Cost Recovery - Final Disposition" issued on December 15, 2011.

A completed version of the Smart Meter model version 2.17 has been submitted in electronic form through RESS and as an attachment to Intervenors in EB-2011-0271.

Halton Hills Hydro Inc. Response to Board staff Supplemental Interrogatories January 24, 2012
77.

Reference: Response to OEB staff \# 52
Please provide a revised table based on OEB 1-23 in which
i. the amount of the Smart Meter True-Up is consistent with the response to the previous supplementary interrogatory, and
ii. the \% allocation is proportional to the installed cost of Smart Meters deployed to the respective customer classes for which smart meter costs have been incurred. (The cost of upgraded interval meters may also be included when calculating the allocation factors.)
i. Please see Table OEB 2-1 for Smart Meter True-Up.
ii. Please see Table OEB 2-1 for the percent allocation of installed costs, classspecific, for Smart Meters.

EB-2011-0271
Halton Hills Hydro Inc. Response to Board staff Supplemental Interrogatories January 24, 2012
Table OEB 2-1 : Allocation of Smart Meter Costs and True-Up (Class-Specific)

|  | Amount |  | Residential |  | General Service less than 50 kW |  | General Service50-999 kW |  | General <br> Service <br> 1,000-4,999 <br> kW |  | Street <br> Lighting | Sentinel <br> Lighting | Un-metered Scattered Load |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Installed Costs <br> \% - Allocation |  | 3,768,873 |  | $3,403,529$ $90 \%$ |  | 365,345 $10 \%$ |  | -0\% |  | - | 0\% | 0\% |  | 0\% |
| Deemed Interest | \$ | 202,359 | \$ | 182,743 | \$ | 19,616 | \$ | - | \$ | - | \$ | \$ | \$ | - |
| Return on Equity | \$ | 263,946 | \$ | 238,360 | \$ | 25,586 | \$ | - | \$ | - | \$ | \$ | \$ | - |
| Amortization | \$ | 618,806 | \$ | 558,821 | \$ | 59,985 | \$ | - | \$ | - | \$ | \$ | \$ | - |
|  | \$ | 1,085,111 |  | 979,923 | \$ | 105,188 | \$ | - | \$ | - | \$ | \$ | \$ | - |
| Number of Meter Installed \% - Allocation |  | 20,461 $100 \%$ |  | 19,085 $93 \%$ |  | 1,376 $7 \%$ |  |  |  |  |  |  |  |  |
| OM\&A |  | 1,129,107 |  | 1,053,175 | \$ | 75,932 |  |  |  |  |  |  |  |  |
| Revenue Requirement before Pils | \$ | 2,214,218 | \$ | 2,033,098 | \$ | 181,120 | \$ | - | \$ | - | \$ | \$ | \$ | - |
| Allocation \% - Based on Revenue Requirement |  |  |  | 92\% |  | 8\% |  | 0\% |  | 0\% | 0\% | 0\% |  | 0\% |
| Pils | \$ | 91,898 |  | 84,381 | \$ | 7,517 | \$ | - | \$ | - | \$ | \$ | \$ | - |
| Total Revenue Requirement | \$ | 2,306,116 | \$ | 2,117,479 | \$ | 188,637 | \$ | - | \$ |  | \$ | \$ | \$ | - |
| \% Cost Allocated to Customer Class |  | 100\% |  | 92\% |  | 8\% |  | 0\% |  | 0\% | 0\% | 0\% |  | 0\% |
| Funding Adder |  | 1,122,079 |  |  |  |  |  |  |  |  |  |  |  |  |
| Smart Meter True-up |  | 1,184,037 |  |  |  |  |  |  |  |  |  |  |  |  |
| Allocate Smart Meter True Up |  | 1,184,037 | \$ | 1,087,184 | \$ | 96,853 | \$ | - | \$ | - | \$ | \$ | \$ | - |
| Number of Customer in Class |  | 21,542 |  | 19,726 |  | 1,629 |  | 176 |  | 12 |  |  |  |  |
| Smart Meter Rate Disposition Rider 4 Year Period |  |  |  | 1.15 |  | 1.24 |  | - |  | - |  |  |  |  |

78. 

References: Responses to OEB staff \# 50(d) and \# 52
Please provide a table based on OEB 1-23 showing an allocation of the Stranded Meter balance and class-specific rate riders, similar to the approach described in part ii of Interrogatory \#77. (For clarity, stranded meter costs by class should reflect the remaining NBV of stranded conventional meters, in each class.)

Please see Table OEB 2-2 for an allocation of Stranded Meter balances and class-specific rate riders.

Halton Hills Hydro Inc. Response to Board staff Supplemental Interrogatories January 24, 2012
Table OEB 2-2 : Allocation of Stranded Meter Balances and Class-Specific Rate Riders


## LRAM / SSM

## 79.

Reference: Response to OEB staff \# 53
Halton Hills Hydro has updated its LRAM amount in receipt of the OPA's final 2010 evaluation report to a total of $\$ 383,381$.
a) Please provide a table that shows the LRAM amounts requested in this application by the year they are associated with and the year the lost revenues took place. Use the table below as an example and continue for all the years requested (i.e. 2006 - April 30, 2012):

| Program Years | Years that lost revenues took place |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2006 | 2007 | 2008 | 2009 |
| 2006 | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ |
| 2007 | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ |
| 2008 | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ |
| 2009 |  | $\$ x x x$ | $\$ x x x$ | $\$ x x x$ |
| 2010 |  |  | $\$ x x x$ | $\$ x x x$ |

b) Please confirm that Halton Hills has not recovered any of the amounts associated with this LRAM claim in the past. If Halton Hills has previously recovered amounts included in this application, please provide an updated LRAM amount with these amounts removed.
c) Please identify the CDM savings that were included in Halton Hills last Board-approved load forecast for CDM programs deployed from 2006 to 2008 inclusive.
d) Please provide an updated table with an LRAM amount exclusive of any persisting CDM savings that take place after Halton Hills' last Board-approved load forecast.
a) Table OEB 2-3 shows the LRAM amounts requested in this application by the year they are associated with and the year the lost revenues took place.

EB-2011-0271
Halton Hills Hydro Inc. Response to Board staff Supplemental Interrogatories January 24, 2012
Table OEB 2-3 : LRAM Amounts By Years that Lost Revenue Took Place

|  | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | $\begin{gathered} \text { Jan } 1 \text { to } \\ \text { Apr } 30 \\ 2012 \\ \hline \end{gathered}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2006 \text { OPA }$ <br> programs | \$25,884 | \$24,010 | \$26,393 | \$25,863 | \$4,057 | \$4,013 | \$909 | \$111,129 |
| 2007 Third tranche and OPA programs |  | \$22,415 | \$17,174 | \$15,727 | \$13,876 | \$13,241 | \$3,850 | \$86,282 |
| $2008 \text { OPA }$ <br> programs |  |  | \$18,025 | \$15,674 | \$14,073 | \$13,879 | \$3,143 | \$64,794 |
| $2009 \text { OPA }$ <br> programs |  |  |  | \$28,655 | \$25,234 | \$24,891 | \$6,164 | \$84,944 |
| $2010 \text { OPA }$ <br> programs |  |  |  |  | \$16,236 | \$16,026 | \$3,970 | \$36,232 |
| Total | \$25,884 | \$46,424 | \$61,592 | \$85,919 | \$73,477 | \$72,048 | \$18,036 | \$383,381 |

b) HHHI has not recovered any of the amounts associated with this LRAM claim in the past. HHHI previously filed an LRAM claim for lost revenue in 2005 and 2006 from 2005 and 2006 Third Tranche programs (see OEB file number EB-2007-0696 Exhibit 9). The current LRAM claim did not consider any lost revenue from any programs included in the previous LRAM claim.
c) The 2008 test year load forecast did not consider any impacts of CDM programs. OPA program results were not available for 2006 or 2007 programs, and therefore could not be incorporated into the forecast.
d) Lost revenues exclusive of any persisting CDM savings that take place after HHHI's last Board-approved load forecast is provided in Table OEB 2-4.

Table OEB 2-4 : Lost Revenues Exclusive of Persisting CDM Savings

|  | 2006 | 2007 | $\begin{gathered} \text { Jan } 1 \text { to } \\ \text { Apr } 30 \\ 2008 \end{gathered}$ | $\begin{gathered} \text { May } 1 \\ \text { to Dec } \\ 312008 \end{gathered}$ | 2009 | 2010 | 2011 | Jan 1 to <br> Apr 30 <br> 2012 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 OPA programs | \$25,884 | \$24,010 | \$8,798 |  |  |  |  |  | \$58,691 |
| 2007 Third tranche and OPA programs |  | \$22,415 | \$5,725 |  |  |  |  |  | \$28,140 |
| 2008 OPA programs |  |  | \$6,008 | \$12,016 | \$15,674 | \$14,073 | \$13,879 | \$3,143 | \$64,794 |
| 2009 OPA programs |  |  |  |  | \$28,655 | \$25,234 | \$24,891 | \$6,164 | \$84,944 |
| 2010 OPA <br> programs |  |  |  |  |  | \$16,236 | \$16,026 | \$3,970 | \$36,232 |
| Total | \$25,884 | \$46,424 | \$20,531 | \$12,016 | \$44,329 | \$55,544 | \$54,795 | \$13,277 | \$272,801 |

## Note:

## Updated 2012 Revenue Requirement \& RRWF

In responding to Energy Probe \#72(b), please provide the revised Revenue Requirement Work Form (RRWF) in the following format:

- the first pair of columns are an exact repeat of the RRWF in the Application,
- the second pair of columns (or second set of rows in worksheet \# 7) incorporates the result of all revisions that HHHI is now proposing.

In the revisions, include updates and revisions to the Service Revenue Requirement stemming from updated information and any interrogatory responses that HHHI intends to adopt. Be sure to also include updates to the Revenue Offset (i.e. items of Other Revenue in column M, worksheet ' 3 . Data_Input_Sheet') such as the response to VECC IR \# 13(g).

A completed version of the update Revenue Requirement and RRWF has been submitted in electronic form through RESS and as an attachment to Intervenors in EB-2011-0271.
[ This page left intentionally blank]

Halton Hills Hydro Inc. Response to Board staff Supplemental Interrogatories January 24, 2012

## APPENDIX OEB 2-A

[ This page left intentionally blank]





|  |  | 2009 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account Descriptions | Accout |  | Opening <br> Principal <br> Jan-1-09 |  | ns Debit ring rinestand terstand <br> nents ${ }^{\circ}$ | $\begin{gathered} \text { Board-Approved } \\ \text { Disposition during } \\ 2009 \end{gathered}$ |  | ustments during <br> 2009 - other ${ }^{3}$ |  | $\xlongequal[\substack{\text { Closing } \\ \text { Prinipial } \\ \text { lince as as }}]{ }$ De.c.1-99 |  |  |  | $\begin{aligned} & \text { arest Jan-1 to } \\ & \text { Dec-31-09 } \end{aligned}$ | $\begin{gathered} \text { Board. } \\ \text { Approved } \\ \text { Diposition } \\ \text { during 2009 } \end{gathered}$ |  |  | $\begin{aligned} & \text { osing Interest } \\ & \text { mounts as of } \\ & \text { Dec-31-09 } \end{aligned}$ |
| Group 1 Accounts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LV Variance Account | 1550 |  | 140,888 |  | 271,140 |  | \$ |  |  | 130,252 | \$ |  |  | 3.037 |  |  |  | 8.882 |
| RSSA - Wholesale Market Sevice Charge | 1580 150 150 |  | 488.409 | - | 108,909 |  | \$ |  | - | ${ }^{597,318}$ | s | 4.863 | s | 37,179 |  |  |  |  |
| RSVA- Retail Transinssion Network Charge RSVA - Reaial Transmision Connection Charge | (1584 |  | 75.399 758.755 | s | 169.371 118.897 |  | \$ |  | ${ }_{\text {S }}^{8}$ | ${ }_{6}^{2449,7888}$ | s | -9,897 <br> 103.165 | \$ | 132,694 $\begin{gathered}\text { 93,540 }\end{gathered}$ |  |  |  | ${ }_{1}^{1926.591}$ |
| RSVA - Powe ( excluding Gliobal dijustment) | 1588 | s | 1,461,761 | s | 259,758 |  | \$ | 343,755 | + | 2.065,274 | s | 262,164 | s | 168,283 |  |  | s | 93,881 |
| RSVA - Power - Sub-Account - Global Adjustment | 1588 |  | 597,759 | s | 1,635,135 |  | \$ | 155.543 | \$ | 2,077,351 | \$ | 18,974 | \$ | 10.465 |  |  |  | 29,439 |
| Recovery of Regulatoy Asset Ealances | 1590 | s | 442,964 | s |  |  | \$ | 187,137 | \$ | 255,827 | \$ | 138,975 | s | 190,090 |  |  |  | 51,115 |
| Disposition and Recover of Regulator Balances (2008) ${ }^{10}$ | 1595 | s | 228,391 | s |  |  | \$ | 44,165 | \$ | 184,226 | s | 5,798 | s | 3,505 |  |  | s | 2,293 |
| Disposition and Recovery of Regulatory Baances (2009) ${ }^{10}$ | 1595 | s |  | s |  |  | \$ |  | s |  | \$ |  | \$ |  |  |  | s |  |
| Group 1 Sub-Total (including Account 1588 - Global Adjustment) Group 1 Sub-Total (excluding Account 1588 - Global Adjustment) <br> RSVA - Power - Sub-Account - Global Adjustment 1588 |  | \$ | 1,699,948 | s | 1,803,112 | \$ | \$ | 43,090 | \$ | 3,459,970 | \$ | 51,681 |  | 237.683 |  |  |  | 186,002 |
|  |  | s | 1,102,189 | s | 1677.977 | \$ | \$ | 112,453 | s | 1,382.619 | s | 32,707 | s | 248,148 | \$ |  | s | 215,441 |
|  |  | s | 597,759 | s | ${ }^{1,635,135}$ | \$ . | \$ | 155,543 | s | 2,077,351 | s | 18,974 | \$ | 10,465 |  |  |  | 29,439 |
| Group 2 Accounts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other Regulator Assets - Sub-Acount- OEB Cost Assessments 1508 | 1508 | s |  | s | - |  | \$ | . | \$ |  | \$ |  | \$ |  |  |  | s |  |
| Other Regulatoy Assets - Sub-Account - Pension Contributions | 1508 |  |  |  |  |  | \$ |  |  |  | s |  | \$ |  |  |  |  |  |
| Other Regulatory Assets - Sub-Account - Deferred IFRS Transition | 1508 | s | - | s |  |  | \$ | 180,544 | \$ | 180,544 |  |  |  |  |  |  |  |  |
| Other Regulatoy Assets - Sub-Account- Incremental Capital Chars | 1508 | s |  | s | 131,073 |  | \$ |  | \$ | 131,073 | \$ |  | \$ | 75,397 |  |  | s | 75,397 |
| Other Regulator Assets - Sub-Acount - Other' | 1508 | s | 167,838 | s |  |  | \$ | - | \$ | 167,838 | \$ | 11,557 | s |  |  |  | s | 11,757 |
| Retail Cost Variance Account- Retail | 1518 | s | 12,145 | s | 9.649 |  | \$ | . | s | 21,794 | \$ | 59 | \$ | 277 |  |  | s | 218 |
| Misc. Deferred Debits | 1525 | s | 64,224 | s | 51,209 |  | \$ |  | \$ | 13.015 | \$ | 5,015 | \$ |  |  |  |  | 5,015 |
| Renewable Generation Connection Capita Deteral Account | 1531 | s |  | s |  |  | \$ |  | \$ |  | \$ |  | \$ |  |  |  |  |  |
| Renewable Generation Connection OM8A Deferera A Acount Renewable Generation Conection Funding Adder Peferal $A$ ccour | 1532 1533 1 | s |  | s | . |  | \$ |  | \$ |  | \$ | . | \$ | . |  |  | \$ |  |
| Smat Grid Capital efefral Account | ${ }_{1534}$ | s | . | s | - |  | s | - | \$ |  | s | - | s |  |  |  | s |  |
| Smart Gid OMzA Deiefral Account | 1535 1556 1 | s |  | s | . |  | \$ |  | \$ |  | \$ |  | \$ |  |  |  | \$ |  |
| Smart Grid Funding Adder Deferala Account | 1536 1548 1 | ${ }^{\text {s }}$ |  | s |  |  | \$ |  | \$ |  | \$ |  | \$ |  |  |  |  |  |
| Retal Cost Variance Account-STR | 1548 <br> 1555 <br> 1 | s | ${ }_{9}^{3,28129}$ | s | ${ }^{1.665 .083}$ |  | \$ | ${ }^{37.161}$ | s | 1.800.545 | \$ | ${ }^{876}$ | \$ | 618 |  |  | \$ | 1494 |
| Smart Meeter Capital and Recoovery Offset Vaiance - Sub-Account. | ${ }_{1555}$ | s | 190,403 | s | ${ }_{\text {188,873 }}$ |  | \$ | 3,61 | - | ${ }_{379,276}$ | s | 7.077 | \$ | 1,169 |  | \& 6,971 |  | 15,217 |
| Smart Meeer Capital and Recovery Offset Variance - Sub-Account- | 1555 155 1585 | s |  | s | 743.000 |  |  |  | \$ | 743,000 | s |  | \$ |  |  |  | s |  |
| Smart Meter OMRA Variance | 1556 1565 1 | s | 73,622 | s | 437,463 |  | \$ | 217,705 | \$ | 293,380 | s |  | \$ | 1,220 |  |  |  | 1,220 |
| Conservaion and Demand Management (COM) Expenditiues and \& | 1565 | s |  | s |  |  | \$ |  | \$ |  | \$ |  | \$ |  |  |  | \$ |  |
| CDM Contra | 1566 | s |  | s | . |  | \$ | . | \$ |  | \$ |  | \$ |  |  |  |  |  |
| Qualiting Transtion Costs ${ }^{5}$ | 1570 | s | 12,137 |  |  |  |  |  |  | 12,137 | \$ | 12,137 | \$ | - |  |  | s | ${ }^{12,137}$ |
| Premarket Opening Energy Variance ${ }^{5}$ | 1571 1572 1 |  | 10,900 |  |  |  |  |  | \$ | 10,900 | \$ | 10,900 | \$ |  |  |  |  | 10,900 |
| Exta Ordinay Event Costs | 1572 <br> 1574 <br> 1 | \$ |  | s |  |  | \$ |  | \$ |  | \$ |  | \$ |  |  |  | \$ |  |
| RsVA - One time | 1582 |  | 44,538 |  |  |  | \$ | 33,307 | \$ | 77,845 | \$ | 7,362 | s | 10,127 |  |  |  | 2,765 |
| Other Detered Credits | 2425 | s |  | s |  |  | \$ |  | \$ |  | s |  | \$ |  |  |  | s |  |
| Group 2 Sub-Total |  | s | 265.878 | \$ | 2,733,928 | \$ | \$ | 33,307 | s | 3,033,113 | s | 16,945 | \$ | ${ }^{85,814}$ |  | 6,971 | s | 109,730 |
| Defereed Payments in Lieu of Taxes 1562 |  | s | 420,641 |  |  |  |  |  | s | 420,641 | \$ | 62,998 | s | 4.843 |  |  | s | 67,741 |
| PILs and Tax Variance for 2006 and Subsequent Years Tax | 1592 |  |  |  |  |  |  |  | \$ |  | \$ |  |  |  |  |  | s |  |
| PLLL and Tax Variance for 2006 and Subsequent Years. Sub-Account HST/OVATInut T Tax Credis (ITCS) 1592 |  | s |  |  |  |  |  |  | s |  | s |  |  |  |  |  | s |  |
| Total of Group 1 and Group 2 Accounts (including 1562 and 1592) |  | s | 1,965,826 | s | 4,537,040 | \$ | \$ | .,783 | s | 6,993,083 | s | 34,736 | \$ | 323,497 | s | \$ 6,971 | s | 299,732 |
| Special Purpose Charge Assessment Variance Account ${ }^{1521}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total including Account $1521{ }^{1}$ |  | s | 1,965,826 | s | 4.537,040 | \$ | \$ | 9,783 | s | 6,993,083 | \$ | 34,736 | \$ | 323,497 | s | 6,971 | s | 295,732 |
| The following is not included in the total claim but are included on a md |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | s | - | \$ | - |  |  |  |  | s | - |
| Board-Approved CDM Variance Account <br> PILs and Tax Variance for 2006 and Subsequent Years |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | s |  |
|  |  |  |  |  |  |  |  |  | s |  | s |  |  |  |  |  | s |  |



|  |  | 2011 |  |  |  |  |  |  |  |  |  |  |  |  | 2011 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Account Descriptions | Accout | $\begin{gathered} \text { Opening } \\ \text { Aminitar } \\ \text { Amonts.as of } \\ \text { Jan-111 } \end{gathered}$ | $\begin{gathered} \text { Transactions Debit/ } \\ \text { (Credit) during } 2011 \\ \text { excluding interest and } \\ \text { adjustments }^{6} \end{gathered}$ | $\underset{\substack{\text { Bardd.pproved } \\ \text { Disposition uxing } \\ 2011}}{\substack{\text { und }}}$ | Other ${ }^{3}$ Adjustments during 2011 | $\substack{\text { Closing } \\ \text { Panicial } \\ \text { Bances. of } \\ \text { Decc-3111 }}$ |  | $\begin{gathered} \text { Opening } \\ \text { Anturest } \\ \text { Anounts.as of } \\ \text { Jan-1-11 } \end{gathered}$ |  | Interest Jan-1 to Dec-31-11 | $\begin{gathered} \text { Board. } \\ \text { Approved } \\ \text { Disposition } \\ \text { during 2011 } \end{gathered}$ |  |  |  | $\begin{array}{\|c} \hline \begin{array}{c} \text { Principal } \\ \text { Dispositon } \\ \text { during 2011. } \\ \text { instruted by } \\ \text { Board } \end{array} \\ \hline \end{array}$ |  |  |  |  |  |
| Group 1 Accounts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LV Variance Account | 1550 | 613,274 |  |  |  | \$ | 613,274 | s | 1,514 |  |  |  | s | 1.514 |  |  | \$ | 613,274 |  | 1.514 |
| RSVA - Wholesale Market Sevice Charge | 1580 | \$ 503,791 |  |  |  |  |  | - | 120,129 |  |  |  | s |  |  |  | - |  | -s |  |
| RSVA - Retail Transmission Network Charge | 1584 | \$ 601,339 |  |  |  |  |  | - | 250,280 |  |  |  |  | ${ }^{250,280}$ |  |  | \$ |  | -s | 250,280 |
| RSVA - Retail Transmision Comnection Charge | 1586 | 517,827 |  |  |  |  | 517,827 | -s | 197,069 |  |  |  | s | ${ }^{1977,069}$ |  |  | \$ | 517,827 | -s | 197,069 |
| RSVA - Power (execluding Global Adiustment) | 1588 | 473,530 |  |  |  |  | 473,530 | -s | 431,019 |  |  |  | s | 431,019 |  |  | \$ | 473,530 | -s | 431,019 |
|  | 1588 1590 1 |  |  |  |  |  | $2,249.396$ <br> 48.428 | s | 10,170 117,050 |  |  |  | \$ | $\begin{array}{r}10,170 \\ 117,050 \\ \hline\end{array}$ |  |  | $\$$ | $2,249,396$ <br> 48,428 | ${ }_{\text {s }}$ | $\begin{array}{r}10,170 \\ 117,050 \\ \hline 1\end{array}$ |
| Disposition and Recovery of Regulatory Baances (2008) ${ }^{10}$ | 1595 | \$ 74,710 |  |  |  | \$ | 74,710 | \$ | 10,642 |  |  |  | s | 10,642 |  |  | \$ | 74,710 | \$ | 10,642 |
| Dispostion and Recovery of Regulatoy Balances (2009) ${ }^{10}$ | 1595 | \$ 1,032,778 |  |  |  | s | 1,032,778 | \$ | 979 |  |  |  |  | 979 |  |  | \$ | 1,032,778 | \$ | 979 |
| Group 1 Sub-Total (including Account 1588 - Global Adjustment) Group 1 Sub-Total (excluding Account 1588 - Global Adjustment) RSVA - Power - Sub-Account - Global Adjustment |  | \$ 2,837,027 |  |  |  | \$ | 2,837,027 |  | 861,170 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | \$ | \$ - |  |  | -s | ${ }^{871,340}$ |  | \$ |  |  | 871,340 <br> 10,170 |  |  | ${ }_{5}$ | 587,631 | s | ${ }^{871,340} 10$ |
|  |  | \$ 2,249,396 |  |  |  |  | 2,249,396 |  | 10,170 |  |  |  |  |  |  |  |  |  |  |  |
| Group 2 Accounts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other Regulator Assets - Sub-Acount- OEB Cost Assessments | 1508 |  |  |  |  | \$ |  |  |  |  |  |  |  | - |  |  |  |  | \$ |  |
| Other Regulator Assets - Sub-Account - Pension Contriutions | 1508 |  |  |  |  | s |  | s |  |  |  |  | s |  |  |  | \$ |  | \$ |  |
| Other Regulatory Assels- Sub-Account. - Deterered IfRS Transtion | 1508 1508 158 | \$ \$ |  |  |  |  | ${ }_{\text {20, }}^{260,671}$ | s | - $\begin{aligned} & 3,674 \\ & 75,397\end{aligned}$ |  |  |  | ${ }_{\text {s }}$ | 3, $\begin{aligned} & 3,674 \\ & 75397\end{aligned}$ |  |  | \$ |  | ${ }_{\text {s }}^{\text {s }}$ |  |
| Other Regulatory Assets- Sub-Account - Incremental Capital Charc | 1508 <br> 1508 | $\begin{array}{ll}\text { \$ } & 147,776 \\ \$ & 167,838\end{array}$ |  |  |  |  | 1477776 167,388 | -s |  |  |  |  |  |  |  |  | \$ | 147,776 167838 | -s |  |
| Retail Cost Variance Account-Retail | 1518 | \$ 30,746 |  |  |  |  | 30,74 | s | 69 |  |  |  | s |  |  |  | \$ | 30,746 | .s |  |
| Misc. Defereed Debits | 1525 | 13,015 |  |  |  |  | 13,015 | - | 5,086 |  |  |  | s | 5,086 |  |  | \$ | 13,015 | s | 5,086 |
| Renemable Generaion Comeection Capital Deferra Account | 1531 |  |  |  |  | \$ |  | \$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Reenewale Generatio Connection OM8A D Deferal Account | 1532 | \$ |  |  |  |  |  | \$ | - |  |  |  | \$ |  |  |  |  |  |  |  |
| Renewable Generation Connection Funding Adder Defereral Accour | ${ }_{1534}^{1533}$ | \$ |  |  |  |  | : | \$ | : |  |  |  |  |  |  |  |  |  |  |  |
| Smat Grid OM8A Deferral Account | 1535 |  |  |  |  |  |  | \$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1536 <br> 1548 <br> 158 <br> 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retail osit Variance Account - - TR | ${ }^{15458}$ | ${ }_{\text {3,641,678 }}^{\substack{3,788}}$ |  |  |  |  | ( $\begin{aligned} & 3,788 \\ & 3.641,678\end{aligned}$ | s | 1,474 |  |  |  | -8 | 1,474 |  |  | \$ | ${ }_{\substack{3,788 \\ 3.641,688}}$ | \$ | ${ }^{1.474}$ |
| Smart Meiter Capita and Recovery Oftset Variance - Sub-Account. | 1555 | 631,535 |  |  |  |  | 631,535 | s | 5,248 |  |  |  |  | 5,248 |  |  | \$ | 631,535 |  | 5,248 |
| Smart Meter Capita and Recovery Oftset Variance - Sub-Account- | 1555 1556 156 1 |  |  |  |  |  | (1,110,245 | \$ |  |  |  |  |  |  |  |  | \$ | $1,110,245$ 7788096 |  |  |
| Smart Meter OMEA Variance Consenation and Demand Manaement (CDM) Expenditures and | 1556 <br> 1565 | 768,096 |  |  |  |  | 768,96 | \$ | 5,355 |  |  |  | \$ | 5,355 |  |  | \$ | 768,096 | ${ }_{\text {\$ }}$ | 5,355 |
| CDM Conta ${ }^{\text {a }}$ ( ${ }^{\text {a }}$ | 1566 |  |  |  |  | \$ |  | s |  |  |  |  | s |  |  |  | \$ |  | s |  |
| Qualitying Transition Costs ${ }^{5}$ | 1570 | 12,137 |  |  |  |  | 12,137 | s | 12,137 |  |  |  | s | 12,137 |  |  | \$ | 12,137 | s | 12,137 |
| Premaket Opening Energy Variance ${ }^{5}$ Extra-crinay Event Cosis | 1571 <br> 1572 <br> 1 | 10,900 |  |  |  |  | 10,900 |  | 10,900 |  |  |  | s | 10,900 |  |  | \$ | 10,900 | s | 10,900 |
|  | 1572 <br> 1574 <br> 1 | s : |  |  |  |  |  | \$ |  |  |  |  |  | $\therefore$ |  |  | \$ |  | \$ |  |
| RSVA - One-time | 1582 |  |  |  |  |  |  | \$ |  |  |  |  |  | - |  |  | \$ |  |  |  |
| Other Detered Credits | 2425 | s - |  |  |  | s |  | s |  |  |  |  | s | - |  |  | \$ |  | \$ |  |
| Group 2 Sub-Total |  | 5,473,863 | s | \$ | \$ . | \$ 5 | 5,473,863 | -s | 79,030 | \$ | \$ | \$ | s | 79,030 | s | \$ | \$ | 5,473,863 | s | 30 |
| Defereed Payments in Lieu of Taxes 1562 |  | - 420,641 |  |  |  | \$ | 420,641 | -s | ${ }^{71,136}$ |  |  |  | s | 71,136 |  |  | \$ | 420,641 | \$ | 71,136 |
| PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below) | 1592 |  |  |  |  | \$ |  | \$ |  |  |  |  | s |  |  |  | \$ |  | \$ |  |
| PILs and Tax Variance for 2006 and Subsequent Years- Sub-Account HSTTOVATInut T Tax Credis(ITCS) 1592 |  | 32,432 |  |  |  |  | 32,432 | s | 238 |  |  |  | s | 238 |  |  | \$ | 32,432 | \$ | 238 |
| Total of Group 1 and Group 2 Accounts (including 1562 and 1592) |  | \$ 8,310,890 | s | \$ | \$ |  | 8,310,890 | -s | 940,200 | \$ | \$ | \$ | - | 940,200 | s | \$ | \$ | 8,310,890 | s | 940,200 |
| Special Purpose Charge Assessment Variance Account 1521 |  | 66,139 | 82,376 |  |  |  | 16,237 | \$ | 715 | \$ 89 |  |  | \$ | 804 |  |  |  |  |  |  |
| Total including Account $1521{ }^{1}$ |  | \$ 8,377,029 | ${ }^{82,376}$ | \$ | \$ . | s | 8,294,653 | s | 939,485 | 89 | \$ . | \$ | s | 939,396 | s | \$ | \$ | 8,310,890 | \$ | 940,200 |
| The tollowing is not included in the total claim but are included on a ms |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{1563}^{1567}$ | \$ - |  |  |  | \$ |  | \$ |  |  |  |  | s |  |  |  |  |  |  |  |
| Board-Approved CDM Variance Account Plls and Tax Variance for 2006 and Subse | 1567 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PLLs and To V Yaiance for foob and Sussequent Years - | 1592 | 32,432 | s |  |  |  | 432 | \$ | 238 | \$ |  |  |  | 238 |  |  |  |  |  |  |
| Disposition and Recovery of Regulatoy Balances ${ }^{10}$ | 1595 | \$ |  |  |  |  |  | s |  |  |  |  |  |  |  |  |  |  |  |  |



## SHEET 1 - December 31, 2010 Deferral and Variance Accounts

## Account Description

LV Variance Account
RSVA - Wholesale Market Service Charge
RSVA - Retail Transmission Network Charge
RSVA - Retail Transmission Connection Charge
RSVA - Power (excluding Global Adjustment)
RSVA - Power - Sub-Account - Global Adjustment
Recovery of Regulatory Asset Balances
Disposition and Recovery of Regulatory Balances (2008) ${ }^{10}$
Disposition and Recovery of Regulatory Balances (2009) ${ }^{10}$

## Sub-Total

Other Regulatory Assets - Sub-Account - OEB Cost Assessments
ther Regulatory Assets - Sub-Account - Pension Contributions
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Cost
Other Regulatory Assets - Sub-Account - Incremental Capital Charges
Other Regulatory Assets - Sub-Account - Other
Retail Cost Variance Account - Retail
Special Purpose Charge Assessment Variance Account
Misc. Deferred Debits
Renewable Generation Connection Capital Deferral Accoun
Renewable Generation Connection OM\&A Deferral Account
Renewable Generation Connection Funding Adder Deferral Account
Smart Grid Capital Deferral Account
Smart Grid OM\&A Deferral Account
Smart Grid Funding Adder Deferral Account
Retail Cost Variance Account - STR
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs Smart Meter OM\&A Variance
Deferred Payments in Lieu of Taxes
Conservation and Demand Management (CDM) Expenditures and Recoveries CDM Contra
Qualifying Transition Costs ${ }^{5}$
Pre-market Opening Energy Variance
Extra-Ordinary Event Costs
Deferred Rate Impact Amounts
RSVA - One-time
Account Number

## Principal Amounts



Total Claim
$(626,808)$

| $(613,274)$ | $(1,514)$ | $(9,015)$ | $(3,005)$ | $(626,808)$ |
| ---: | ---: | ---: | ---: | ---: |
| $(503,791)$ | $(120,129)$ | $(7,406)$ | $(2,469)$ | $(633,794)$ |
| 601,339 | $(250,280)$ | 8,840 | 2,947 | 362,845 |
| 517,827 | $(197,069)$ | 7,612 | 2,537 | 330,907 |
| $(473,530)$ | $(431,019)$ | $(6,961)$ | $(2,320)$ | $(913,830)$ |
| $2,249,396$ | 10,170 | 33,061 | $\mathbf{1 1 , 0 2 2}$ | $2,303,654$ |
| $(48,428)$ | 117,050 | $(712)$ | $(237)$ | 67,673 |
| 74,710 | 10,642 | 1,098 | 366 | 86,817 |
| $\mathbf{1 , 0 3 2 , 7 7 8}$ | 979 | $\mathbf{1 5 , 1 8 2}$ | $\mathbf{5 , 0 6 1}$ | $1,053,999$ |
|  |  |  |  |  |
| $\mathbf{2 , 8 3 7 , 0 2 7}$ | $\mathbf{8 6 1 , 1 7 0}$ | $\mathbf{4 1 , 7 0 4}$ | $\mathbf{1 3 , 9 0 1}$ | $\mathbf{2 , 0 3 1 , 4 6 3}$ |


| 0 | 0 | 0 | 0 | 0 |
| ---: | ---: | ---: | ---: | ---: |
| 0 | 0 | 0 | 0 | 0 |
| 260,671 | 3,674 | 3,832 | 1,277 | 269,454 |
| 147,776 | $(75,397)$ | 2,172 | 724 | 75,275 |
| 16,838 | 11,757 | 2,467 | 822 | 182,885 |
| $(30,746)$ | $(69)$ | $(452)$ | $(151)$ | $(31,418)$ |
| $(16,237)$ | 715 | 88 | $(80)$ | $(15,514)$ |
| 13,015 | $(5,086)$ | 191 | 64 | 8,184 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 3,788 | $(1,474)$ | 56 | 19 | 2,388 |
| $3,641,678$ | 0 | 53,533 | 17,844 | $3,713,055$ |
| $(631,535)$ | 5,248 | $(9,284)$ | $(3,095)$ | $(638,665)$ |
| $1,110,245$ | 0 | 16,321 | 5,440 | $1,132,006$ |
| 768,096 | 5,355 | 11,291 | 3,764 | 788,506 |
| $(420,641)$ | $(71,136)$ | $(6,183)$ | $(2,061)$ | $(500,022)$ |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |


| 2012 Data By Class | kW | kWhs | Non -RPP kWhs | Cust. Num.'s | Number of Metered Customer | Dx Revenue |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential |  | 210,909,970 | 22,274,302 |  | 19,726 | \$ | 7,154,123 |
| GS < 50 kW |  | 51,848,139 | 4,601,906 |  | 1,629 | \$ | 1,340,828 |
| GS >50 to 999 kW | 326,358 | 116,644,470 | 97,898,038 |  | 176 | \$ | 1,476,603 |
| GS 1000 to $4,999 \mathrm{~kW}$ | 281,618 | 103,667,742 | 103,667,742 |  | 12 | \$ | 1,032,858 |
| Sentinel Lights | 1,480 | 695,540 | 695,540 | 320 | 320 | \$ | 30,562 |
| Street Lighting | 7,928 | 2,817,289 | 2,817,289 | 4,535 | 1 | \$ | 435,817 |
| USL |  | 946,987 | 946,987 | 198 | 198 | \$ | 47,404 |
| Totals | 617,384 | 487,530,138 | 232,901,803 | 5,053 | 22,061 | \$ | 11,518,194 |


| Allocators | kW | kWhs | Non -RPP kWhs | Cust. Num.'s | Number of <br> Metered <br> Customers | Dx Revenue |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Residential | 0.0\% | 43.3\% | 9.6\% | 0.0\% | - 89.4\% | 62.1\% |
| GS < 50 kW | 0.0\% | 10.6\% | 2.0\% | 0.0\% | 7.4\% | 11.6\% |
| GS >50 to 999 kW | 52.9\% | 23.9\% | 42.0\% | 0.0\% | 0.8\% | 12.8\% |
| GS 1000 to $4,999 \mathrm{~kW}$ | 45.6\% | 21.3\% | 44.5\% | 0.0\% | 0.1\% | 9.0\% |
| Sentinel Lights | 0.2\% | 0.1\% | 0.3\% | 6.3\% | - 1.5\% | 0.3\% |
| Street Lighting | 1.3\% | 0.6\% | 1.2\% | 89.8\% | 0.0\% | 3.8\% |
| USL | 0.0\% | 0.2\% | 0.4\% | 3.9\% | 0.9\% | 0.4\% |
| Totals | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |



