

Parry Sound Power Corporation

Reply Submission

2013 3rd Generation Incentive Rate Mechanism

Electricity Distribution

Rate Application

EB-2012-0159/EB-2012-0344

October 26, 2012

Board Staff Submission

[illegible]

- 2

necessary, Board staff will update the model.

- Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012)
- Rate Rider for Deferral/Variance Account Disposition (2012)
- Rate Rider for Global Adjustment Sub-Account (2012) – applicable only to Non-RPP Customers

Reply Submission

Parry Sound Power confirms that the rate riders discussed in part a) do indeed have a sunset date of December 31, 2012 for all applicable customer rate classes and that the rate riders discussed in part b) do indeed have a sunset date of February 28, 2013 for all applicable customer rate classes. Parry Sound Power has updated the 2013 IRM Rate Generator Model, Sheet 4. "Current Tariff Schedule" to reflect these effective dates.

Rate Mitigation Rate Rider

Board Staff Submission

2. Ref: Manager's Summary

Parry Sound Power has requested the removal of the Rate Mitigation Rate Rider (2011) for both the Residential and General Service Less Than 50 kW rate classes.

In the Board's Rate Order (EB-2010-0140) dated August 9, 2011, Appendix B, the Board directed Parry Sound Power to record the deferred revenues associated with the Rate Mitigation Rate Riders in Account 1574, Deferred Rate Impact Amounts "Sub-account 2011 Deferred Revenues". At the end of each month, the deferred revenue amount derived from the product of the respective Rate Mitigation Rate Rider times the volumes billed to customers for the month in the Residential and General Service Less Than 50 kW ("GS < 50 kW) customer rate classes shall be recorded as separate journal entries for each customer class in this sub-account.

The monthly journal entries for the Residential and GS < 50 kW customer classes shall continue to be recorded until such time that the deferred revenues are authorized for inclusion in distribution rates or as directed by the Board.

The Board also directed that the carrying charges shall be calculated using simple interest applied to the monthly opening balances in the sub-account (exclusive of accumulated interest and shall be recorded in "Sub-account 2011 Deferred Revenues Carrying Charges" of Account 1574. The rate of interest shall be the rate prescribed by the Board.

The Board further directed that the records shall be maintained to support the calculation of amounts and the entries in the sub-accounts.

- a) Please provide justification for Parry Sound Power's request to remove the Rate Mitigation Rate Rider at this time.
- b) Please provide a spreadsheet that shows in detail the monthly deferred revenue amounts (Rate Mitigation Rate Rider multiplied by the volumes billed to the Residential and GS < 50 kW rate classes) for the period of when the Rate Mitigation Rate Rider became effective until December 31, 2012. If necessary, please forecast the deferred revenue for the months of September, October, November and December. Please also include the calculation of the monthly carrying charges.
- c) How and when does Parry Sound Power propose to recover the deferred revenue amounts?
- d) Please provide a detailed calculation of the rate riders that will recover the deferred revenue amounts from the Residential and GS < 50 kW customers over a one-year, two-year, three-year, and four-year period.

Reply Submission

- a) During the 2011 COS Parry Sound Power agreed to the rate mitigation rate rider to help offset rate impacts. At this point in time the mitigation rider has been in effect for over twelve (12) months resulting in a balance at September 30, 2011 of \$95,799.23 and carrying charges of \$801.43. This represents approximately 4.25% of PSP base revenue requirement. Our capital needs to operate a successful, reliable Distribution Company are based on the business plan and the revenue from rates. To continue

- with the rate mitigator only hinders our ability to operate effectively. Parry Sound Power received Board Staff comments on Parry Sound Power Corporation's draft Rate Order Board File No. EB-2012-0229 for its stand-alone Deferred PILS application. Parry Sound was directed to calculate rate riders for a 14-month disposition period from November 1, 2012 to December 31, 2013. The proposed rate riders for the Residential and General Service less than 50 kW customer rate classes are \$(0.0026)/kWh and \$(0.0017)/kWh, respectively. The rate riders for PILs will mitigate bill impacts similar to the Rate Mitigation Rate Riders. The bill impacts are less than 10% when the rate mitigation rate rider is removed and the PILs rate rider is implemented, and therefore it is no longer required.
- b) Below is a spreadsheet that shows in detail the monthly deferred revenue amounts from September 2011 (when the rate rider became effective) to December 2012. October, November, and December 2012 have been forecasted. For the Residential rate class a year-over-year percentage increase in billed kWh's was determined for the month of September's actual data. The increase from September 2011 to September 2012 was 2.96%, that consumption increase was applied to October, November, and December 2011 to determine October, November, and December 2012 kWh's. For GS < 50 kW rate class the average kWh's was used to forecast the last three months in 2012. Parry Sound Power decided because GS < 50 kW rate class does not change its consumption significantly from month-to-month, as opposed to the Residential class, it was determined that this was a more accurate forecast. The Difference column takes the difference between our general ledger account 1574 and Rate Mitigation Rate Riders multiplied by the volumes billed to the Residential and GS < 50 kW rate classes. The difference is just due to rounding, as our Harris NorthStar billing system rounds the billed kWh's in our statistical reports.

Rate Mitigation Rate Rider (2011)

GL Account 1574 Deferred Rate Impact Amounts - 2011 Deferred Revenues

Month	Residential (kWh's) billed to customers	Rate Rider for Residential (\$/kWh) -0.0026	GS<50 (kWh's) billed to customers	Rate Rider for GS<50 (\$/kWh) -0.0004	Total (\$)	General Ledger Balance (\$)	Difference (\$)	Opening Balance of 1574	Carrying Charges
Sep-11	1,708,361.00	- 4,441.74	2,159,887.00	- 863.95	- 5,305.69	- 5,306.05	0.36	-	
Oct-11	1,686,593.00	- 4,385.14	70,002.00	- 28.00	- 4,413.14	- 4,413.11	- 0.03	- 5,306.05	- 6.62
Nov-11	2,195,748.00	- 5,708.94	1,145,271.00	- 458.11	- 6,167.05	- 6,167.34	0.29	- 9,719.16	- 11.74
Dec-11	2,664,301.00	- 6,927.18	1,263,705.00	- 505.48	- 7,432.66	- 7,432.50	- 0.16	- 15,886.50	- 19.83
Jan-12	3,690,066.00	- 9,594.17	1,491,187.00	- 596.47	- 10,190.65	- 10,190.49	- 0.16	- 23,319.00	- 29.11
Feb-12	4,100,524.00	- 10,661.36	1,643,437.00	- 657.37	- 11,318.74	- 11,318.29	- 0.45	- 33,509.49	- 39.14
Mar-12	3,516,439.00	- 9,142.74	1,455,111.00	- 582.04	- 9,724.79	- 9,724.78	- 0.01	- 44,827.78	- 55.97
Apr-12	2,974,793.00	- 7,734.46	1,305,588.00	- 522.24	- 8,256.70	- 8,256.87	0.17	- 54,552.56	- 65.91
May-12	2,592,751.00	- 6,741.15	1,296,539.00	- 518.62	- 7,259.77	- 7,259.76	- 0.01	- 62,809.43	- 78.42
Jun-12	1,842,320.00	- 4,790.03	1,087,545.00	- 435.02	- 5,225.05	- 5,225.13	0.08	- 70,069.19	- 84.66
Jul-12	1,717,119.00	- 4,464.51	1,110,487.00	- 444.19	- 4,908.70	- 4,908.85	0.15	- 75,294.32	- 94.00
Aug-12	1,885,972.00	- 4,903.53	1,254,640.00	- 501.86	- 5,405.38	- 5,405.57	0.19	- 80,203.17	- 100.13
Sep-12	1,758,957.00	- 4,573.29	1,173,317.00	- 469.33	- 5,042.62	- 5,042.60	- 0.01	- 85,608.74	- 103.43
Oct-12	1,736,544.30	- 4,515.02	1,265,901.23	- 506.36	- 5,021.38			- 90,651.34	- 113.18
Nov-12	2,260,778.79	- 5,878.02	1,265,901.23	- 506.36	- 6,384.39			- 95,672.72	- 115.59
Dec-12	2,743,208.78	- 7,132.34	1,265,901.23	- 506.36	- 7,638.70			- 102,057.10	- 127.42

- c) Parry Sound Power proposes to start recovery January 1, 2013. This date would allow the recovery to line up with the IRM and other applications before the board.
- d) Parry Sound Power offers the table below to recover the deferred revenue. The recovery amounts per rate class are based on the amounts allocated to the residential and GS < 50 kW class, these values are then allocated over the 2011 approved billing determinants for the classes and recovered over one, two, three and four year period.

Rate Class	Allocated 1574 Value	2011 Approved Billing Determinant (kWh / kW)	Annual Rate Rider 1 year	Proposed Rate Rider 2 year	Proposed Rate Rider 3 year	Proposed Rate Rider 4 year
Residential	101,593.64	33,572,049	0.0030	0.0015	0.0010	0.0008 per kWh
General Service < 50 kW	8,101.77	16,873,256	0.0005	0.0002	0.0002	0.0001 per kWh
Total	110,740.57					

Smart Meter Funding and Cost Recovery – Final Disposition

3. Ref: Application, Recovery of Smart Meter Funding, page 5

On page 5 of its Application, Parry Sound Power states:

In the 2006 Decision and Order (EB-2005-0404) absent a specific plan or discrete revenue requirement, the Generic Decision provided \$0.30 per month, per residential customer, to be added to Parry Sound Power Corporation's revenue requirement. The increase in the revenue requirement amount was allocated equally to all metered customers and recovered through their monthly service charge. The \$0.30 per metered customer per month, effective May 1, 2006, was billed and the proceeds were credited in OEB Account 1555, Smart Meter Capital and Recovery Offset Variance Account.

A review of the 2006 EDR model for the decision RP-2005-0020/EB-2005-0404 indicates that the initial smart meter funding adder approved for Parry Sound Power's distribution rates effective May 1, 2006 was \$0.24 per metered customer per month, which corresponded to a recovery of \$0.30 per month per residential customer, allocated over all of Parry Sound Power's metered customers.

- a) Please confirm that the initial SMFA approved for May 1, 2006 was \$0.24 per month per metered customer.
- b) Please confirm that this is how SMFA entries from May 1 to December 31, 2006 have been entered into the principal on sheet 8 of the revised Smart Meter Model, Version 2.17, filed on September 7, 2012. In the alternative, please explain.

Reply Submission

- a) Parry Sound Power confirms that the initial SMFA approved for May 1, 2006 was \$0.24 per month per metered customer.
- b) Parry Sound Power confirms that this is how SMFA entries from May 1 to December 31, 2006 have been entered into the principal on sheet 8 of the revised Smart Meter Model, Version 2.17, filed on September, 2012. Parry Sound has updated Column P on Sheet 8 to reflect the \$0.24 as the SMFA from the Tariff sheet for May 1 to December 31, 2006.

4. Ref: Decision EB-2010-0140, June 17, 2011, pages 40-41

In Parry Sound Power's 2011 cost of service application, Parry Sound Power applied for an increased SMFA of \$1.71 per metered customer per month, which was subsequently revised to \$2.88 per metered customer per month. In the Decision dated June 17, 2011, Parry Sound Power was approved a SMFA of \$2.50 per metered customer per month effective from July 1, 2011 to April 30, 2012. The Rate Order issued on August 9, 2011 accepted the removal of the \$2.50 SMFA as one aspect of mitigating rate impacts arising out of the decision.

The proposal for an SMFA would indicate that Parry Sound Power's smart meter costs were not subject to a review for prudence in the 2011 cost of service application.

- a) Please confirm that no costs for which Parry Sound Power is seeking approval in this smart meter cost recovery application have previously been reviewed in a previous application, and either approved or denied in a Board Decision.
- b) In the alternative, please identify any previous cases involved. Also, please identify the costs involved, and explain the reasons for their inclusion in this Application.

Reply Submission

- a) Parry Sound Power confirms that no costs for which Parry Sound is seeking approval in this smart meter cost recovery application have previously been reviewed in a previous application, and either approved or denied in a Board Decision.

5. Ref: Application, Incremental Revenue Requirement Rate Rider

On page 2 of its Application, Parry Sound Power requests approval for the Smart Meter Incremental Revenue Requirement Rate Rider.

- a) Please confirm whether the proposed Smart Meter Incremental Revenue Requirement Rate Rider is requested for the period January 1, 2013 to December 31, 2014. In the alternative, please explain.
- b) Please confirm that the SMIRR, as a proxy monthly rate to recover the annualized incremental revenue requirement on a prospective basis for capital-related and operating costs of installed smart meters, should continue to be in effect until Parry Sound Power's next cost of service application.

Reply Submission

- a) Parry Sound Power confirms that the proposed Smart Meter Incremental Revenue Requirement Rate Rider is requested for the period January 1, 2013 to December 31, 2014, which is until our next Cost of Service Rate Application. Parry Sound's next COS is for rates effective January 1, 2015, due to be filed April 2014, pending renewed regulatory reform.
- b) Parry Sound Power confirms that the SMIRR, as a proxy monthly rate to recover the annualized incremental revenue requirement on a prospective basis for capital-related and operating costs of installed smart meters, should continue to be in effect until Parry Sound Power's next cost of service application, as stated above is for rates effective January 1, 2015 pending the renewed regulatory framework rules.

6. Ref: Application, AMI Selection

On page 6 of its Application, Parry Sound Power states that, shortly after Trilliant was selected as the winning proponent, Olameter acquired Trilliant, resulting in Olameter providing the deployment services for smart meters. Parry Sound Power further states that the impact of the ownership change was evaluated and, based on the existing relationship between Olameter and the LDCs and their performance in the industry, awarding the contract to Olameter was deemed appropriate. Please provide further explanation on whether the ownership change had any impact on:

- a) pricing and total costs of Parry Sound Power's smart meter deployment and operation; and
- b) timing and scheduling of Parry Sound Power's smart meter deployment.

Reply Submission

- a) As the change from Trilliant to Olameter occurred prior to Parry Sound Power's deployment of the smart meters there was no impact on the pricing and total costs, nor the timing and scheduling of deployment.

7. Ref: Application, page 16 – Stranded Meter Costs

On page 16 of its Application, Parry Sound Power states that it is not seeking disposition of stranded meter costs in this Application, but will seek recovery in its next cost of service application. Parry Sound Power states that the Net Book Value of stranded meters as of December 31, 2010 is \$137,359.98. Parry Sound Power further states that it no longer amortizes the meters and no longer records carrying charges.

Board staff observes that the issue of smart meter cost recovery and treatment of stranded meters was dealt with in its 2011 cost of service application [EB-2010-0140] in some detail, but without resolution.

With respect to stranded meters, the Board's Decision EB-2010-0140 states:

The Board finds that the issue of stranded meter costs for Parry Sound be dealt with in a future proceeding as it appears that the evidence on this issue is not complete, particularly the audited financial data to address this issue comprehensively.

- a) Please confirm what capital costs for meters (conventional meters stranded due to replacement by smart meters, smart meters, meters for GS > 50 kW customers, wholesale meters) are in the 2011 rate base as approved by the Board in Decision EB-2011-0140.

- b) If the NBV of conventional meters is included in the 2011 rate base, then these were factored into Parry Sound Power's 2011 revenue requirement, and the capital-related costs (depreciation, return on capital and associated PILs) are being recovered in distribution rates in 2011 and subsequent years as adjusted by the IRM price cap formula). If this is the case, please explain why Parry Sound Power is not continuing to amortize the stranded conventional meters on the principal balance of this sub-account of Account 1555.
- c) If the NBV of stranded meters was removed from rate base as of December 31, 2010 and is recorded in the stranded meter sub-account of Account 1555, please explain why carrying charges at the allowed prescribed interest rate for D/V Accounts would not apply to the principal balance of the sub-account.
- d) Please provide Parry Sound Power's estimate of the NBV of the stranded meters as of December 31, 2014.

Reply Submission

- a) The 2011 COS balance under account 1860 was \$410,734 less depreciation of \$73,977 for a NBV of \$336,757. Stranded Meter NBV = \$137,359.98. Meters for GS > 50 class = \$199,396.81.
- b) The NBV of Stranded Meters remains in rate base account 1860 sub account.
- c) See b above.
- d) As stated above in Board Staff IR # 7. Board staff observes that the issue of smart meter cost recovery and treatment of stranded meters was dealt with in its 2011 cost of service application [EB-2010-0140] in some detail, but without resolution. Therefore PSP has not recorded depreciation for 2011 year and will not book any depreciation until the Ontario Energy Board offers direction.

8. Ref: Smart Meter Model, Sheet 2 – Smart Meter Installations

On sheet 2 of the Smart Meter Model, for 2010, Parry Sound Power documents 31 residential smart meter installations and 64 GS < 50 kW smart meter installations, and documents \$28,657 for installation costs. However, no capital costs of smart meters are documented for that year.

- a) Please explain the exclusion of capital costs for smart meters for 2010.
- b) If the capital costs are included in the \$326,157 documented as smart meter capital costs in 2009, please explain the basis for including the capital costs in the rate base and calculating a deferred revenue requirement in advance of the smart meters being deployed and coming into service (i.e. becoming used and useful).

Reply Submission

- a) The exclusion of capital costs for smart meters for 2010 was because the smart meters were purchased in 2009 in a lump sum with most meters being installed in 2009, with the exception of 31 Residential and 64 GS<50 kW smart meters being installed in 2010 and 63 Residential and 3 GS<50 kW smart meters being installed in 2011.
- b) The capital costs are included in the \$326,157 documented as smart meter capital costs in 2009. The basis for including the capital costs in rate base and calculating a deferred revenue requirement in advance of the smart meters being deployed and coming into service is because the costs were incurred in 2009 and recorded in our financial statements as assets and depreciation was recorded on the assets monthly as a pool regardless if they were installed or not. Also, capital cost allowance, Ontario capital tax, and PILs were all accounted for using the total amount spent on smart meters in 2009, which was \$326,157.

9. Ref: Smart Meter Model, Sheet 3 – Cost of Capital

In its 2006 EDR rates application [RP-2005-0020/EB-2005-0404], Parry Sound Power was approved rates with a cost of capital based on a debt rate of 7.25% and a return on equity ("ROE") of 9.00%. Parry Sound Power next had its rates approved through a cost of service application for 2011 [EB-2010-0140], where the following cost of capital parameters were approved:

- Deemed short-term debt rate: 2.46%
- Long-term debt rate: 7.25%
- ROE: 9.58%

The Board's policy and practice is that cost of capital parameters approved through a cost of service application continue to apply until the next rebasing of rates through a cost of service application, as these cost of capital parameters are reflected in the revenue requirement underlying the distribution rates adjusted in subsequent years by the price cap mechanism. The exception to this was the change in the deemed capital structure, which was effected through the k-factor adjustment from 2008 to 2010.

- a) Please confirm that the cost of capital parameters referenced above are correct. In the alternative, please provide corrections.
- b) On sheet 3 of the Smart Meter Model, Version 2.17, Parry Sound Power shows an ROE of 8.57% for 2009 and 9.85% for 2010, even though Parry Sound Power's rates were set through IRM price cap adjustments for those rate years. Please provide Parry Sound Power's explanation for using an ROE different from the 2006-approved ROE of 9.00% in each of these years.

Reply Submission

- a) Parry Sound Power confirms that the cost of capital parameters that are referenced above are correct.
- b) Parry Sound Power has revised the cost of capital parameters for 2009 and 2010 on Sheet 3 of the Smart Meter Model to reflect the 2006 EDR approved rates of 7.25% on debt and 9.00% on return on equity.

10. Ref: Costs beyond Minimum Functionality

O. Reg. 426/06 s. 2(1) states that *“No distributor shall recover any costs associated with meter data functions to be performed by the Smart Meter Entity”*.

O. Reg. 393/07 defines the exclusive authority of the Smart Meter Entity to include, among other functions, conducting all services performed on smart metering data to produce billing quantity data, validation, estimating and editing services.

Parry Sound Power’s application at page 6 describes the Operational Data Store (“ODS”) functionality to allow staff to audit and validate meter data.

- a) What portion of the total capital and OM&A costs are specifically related to the ODS?
- b) What is the in-service date for the ODS?
- c) What further capital and operating costs does Parry Sound Power forecast for the ODS?

Reply Submission

- a) The portion of the total capital and OM&A costs that are specifically related to the ODS are: \$6,545.93 for ODS capital costs and \$23,514.74 for ODS OM&A up until the end of 2012.
- b) The in-service date for the ODS was May 22, 2009; when the meters started communicating. May 13, 2009 was when Parry Sound Power was invoiced for the ODS setup.
- c) Parry Sound Power forecasts \$6,100.68 in operating costs for the ODS on a yearly basis for the years to come.

11. Ref: Application, pages 10-11 – Web Presentment

On pages 10-11 of its Application, Parry Sound Power states:

Parry Sound Power saw web presentment as another opportunity to work in co-operation with other LDC's for the delivery of web presentment for customers at reduced costs. After an extensive RFP process, Harris Northstar was chosen for this web presentment software tool. Parry Sound Power received a contract from Northstar Utilities Solutions on May 7, 2012 for a Customer/Connect – Customer Engagement Suite. The Customer/Connect Suite is a portfolio of modules organized by Platform, Application and Add-ons functionality. It will enable PSP's customers to gain access to high value consumption data, to better understand their usage patterns, to educate themselves on rates and what affects them and for the communication to be better from the utility to the customer. The implementation fee for PSP is \$15,000 for the following modules: Customer/Connect, CSR/Connect, Bill/Connect, CIS/Connect and Home/Connect. In addition to the implementation fee a monthly fee of approximately \$257.96 will be incurred on an incremental on-going basis.

The Ministry of Energy has indicated that electricity customers should ideally have web access to their hourly consumption data. This will allow customer to monitor consumption, alter consumption, make informed decision, conserve, budget, etc. To date Parry Sound Power has not signed the contract and will not unless PSP can recover the costs through this smart meter application. Parry Sound has only included the \$15,000 in the application.

- a) What is the current status of the contract with Harris Northstar related to web presentment? Is there an expiry date for the contract offer?
- b) Please provide further explanation of each of the modules referenced above, and how each of these is necessary for presentment of smart meter TOU data and benefits Parry Sound Power's ratepayers:
 - i. Customer/Connect;
 - ii. CSR/Connect;

- iii. Bill/Connect; and
- iv. Home/Connect.

- c) On sheet 2 of the revised Smart Meter Model filed on September 7, 2012, Parry Sound Power has shown an amount of \$15,000 for 2012 on row 172, under “2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.”. Please confirm that the \$15,000 is the estimated up-front implementation costs for the planned modules for web presentment.
- d) Why is the \$15,000 for the module upgrades incurred as an expensed item rather than capitalized?
- e) Why has Parry Sound Power not included any ongoing OM&A expenses estimated at \$257.96 per month for the monthly fee for these modules?
- f) On Sheet 2, Parry Sound Power documents \$4,309 for 2011 on row 172, under “2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.”. Please explain the nature of this expense.

Reply Submission

- a) The Contract from NorthStar Utility Solutions was presented to Parry Sound Power May 7, 2012 and the offer for the Customer Connect is still valid for \$15,000 (start-up fee). PSP is prepared to move ahead with the web presentment tool once OEB provides recovery of costs. The offer is valid until December 31, 2012.
- b) Further explanation of each module in the Customer|Connect - Customer Engagement Suite and how each of these modules is necessary for presentment of smart meter TOU data and benefits Parry Sound Power's ratepayers is discussed below:

CSR|Connect - is a platform that enables the utility staff, typically the customer service representatives to be able to assist the user by

navigating the portal as they would, while making use of some additional administrative functions. Masquerading as the user also allows for the CSR to make changes to the portal that would bring the most relevant information for that customer to the forefront.

Customer|Connect - is a platform module that is the administrative framework that the entire suite will work from. This is where the users will be administered and will have the ability to manage their profiles.

Home|Connect - is an application that consists of functionality that relates to the evolving requirements of the smart grid. Including display of usage history for all (residential and commercial) electric and water commodity types and available units of measure in the ODS or MDM/R in graphical and tabular formats, content targeted for the education of users towards reducing their bills, targeted alerts and notifications based on defined thresholds as well as usage comparisons to customers within the utility area.

Bill|Connect – Is a continuation of NorthStar's customer portal this application level module builds upon the relationship between the utility and its customer. Includes functionality related to billing and general account management. Deploying this module will allow the utility to take payments from its customers and for its customers to analyze his/her bill over time, including future estimates.

Bill|Connect – Is an add-on that builds upon the functionality presented in NorthStar's previous portal application, eCare, complete with the ability to create and manage service orders and general utility account management.

Customer|Connect will benefit Parry Sound Power's ratepayers because they can pull interval data directly from the MDM/R using the IESO web services. In addition, it has the ability to use Parry Sound Power's Operational Data Storage (ODS) system as the source of interval data. It will cache the interval information for faster reporting. Customer|Connect will interface with the available web

services provided by Elster AMI and Savage Data ODS. The system will display the following key data that will benefit customers: rate period indicator, consumption data with weather and data overlays, scorecard/environmental comparisons, social network feed, education library, marketing banners, account information, alert/notification information/history, and rate comparisons. The customer alerts will go off when a defined threshold is exceeded, such as a level of consumption or spending. Customer|Connect will notify the customers through the mechanisms they have chosen including through the web site, SMS, outbound calling, and e-mail. This will significantly help ratepayers manage their consumption and expenses. Electronic bills will be available through the Bill|Connect package, which will be more convenient for the customers, especially if they travel, decide to have tenants, or loose paperwork. This option will allow ratepayers to retrieve yearly electrical bills for tax purposes.

- c) Below is a section of the Production Feature, Release Timeline and Fees Contract that Northstar Utilities Solutions is offering Parry Sound Power for the Customer|Connect – Customer Engagement Suite. It is confirmation that \$15,000 is the up-front implementation costs for the planned modules for web presentment. If you require the complete contract that could be sent as well, it is 26 pages.

5.2 Implementation Fees

The implementation fees of \$15,000 CAD is for the following modules:

- Customer|Connect
- CSR|Connect
- Bill|Connect (Formerly part of eCare|Connect)
- CIS|Connect (Formerly part of eCare|Connect)
- Home|Connect

- d) The \$15,000 for the module upgrades incurred was originally expensed and Parry Sound Power realized that cost should have been capitalized and has made that change in the smart meter model V2.17

- e) Parry Sound Power did not include any ongoing OM&A expenses because we did not know if we were going to incur these costs for certain. Parry Sound Power has now included \$257.96/month or \$3,095.52/year in ongoing OM&A expenses under 2.6.3. The \$257.96/month cost to Power Sound is summarized below. Parry Sound gained efficiencies in these pricings because the RFP was done through Utility Collaborative Services, which handles back office billings for a number of utilities. The fee below and the \$15,000 implementation fee was based upon 9 members.

			Home Connect cost for Parry Sound					
			Fee structure is based upon 9 members					
	UCS Member	Actual Volume	NorthStar	mCARE	Home Connect	Annual fee	Monthly fee	
Harris fee	Parry Sound	3462	1.544	0.5670		\$7,306.55	\$608.88	current Harris fee
		3462	1.544	0.5670	0.3885	\$8,651.54	\$720.96	Harris fee including Home Connect
Harris fee		3462			0.3885	\$1,344.99	\$112.08	Harris Home Connect
ITM fee					145.88	\$1,750.53	\$145.88	flat monthly rate for 9 members
						\$3,095.52	\$257.96	Total cost to Parry Sound

- f) On Sheet 2, Parry Sound Power documented \$4,309 for 2011 under “2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc”. The nature of this expense is Sync operator costs from Util-Assist. These are costs that started in late 2011 when Parry Sound Power began billing Time-of-Use. These costs should be put into 2.5.5 Administrative costs as they were in 2012, and as such they have been revised in the smart meter model V2.17.

12. Ref: Operational Efficiencies and Cost Savings

On page 19 of the Guideline, the Board stated:

In considering the recovery of smart meter costs, the Board also expects that a distributor will provide evidence on any operational efficiencies and cost savings that result from smart meter implementation.

- a) Please discuss operational efficiencies and cost savings achieved by Parry Sound Power.
- b) Please explain if Parry Sound Power expects to achieve operational efficiencies and cost savings in the future. If so, please provide Parry Sound Power's estimates as to the timing and nature of these savings.

Reply Submission

- a) Parry Sound Power collaborated with other LDCs within Cornerstone Hydro Electric Concepts Association (CHEC) in the development of project plans, RFPs, contract evaluations, award of contract, project monitoring, problem solving and reporting to gain operational efficiencies and cost savings.
- b) Yes, Parry Sound Power expects to achieve operational efficiencies and cost savings in the future via CHEC, the nature and timing of these savings is unclear and depends on the Provincial mandate.

13. Ref: Smart Meter Model, Sheet 8 – OM&A and Depreciation Expenses

On Sheet 8A of the Smart Meter Model, Parry Sound Power has not entered any OM&A and depreciation expenses for any month in 2012. Sheet 8A calculates the carrying charges on OM&A and depreciation expense for the purposes of calculating the SMDRs and the SMIRRs.

- a) Please input actual or forecasted monthly OM&A and depreciation expenses for the months in the year 2012. These amounts, particularly OM&A, should correspond with OM&A expenses shown on sheets 2 and 5 of the Smart Meter Model.
- b) In the alternative, please explain.

Reply Submission

- a) Actual and forecasted monthly OM&A and depreciation expenses have been entered into the smart meter model on Sheet 8A for all the months in 2012.

14. Ref: Smart Meter Model, sheet "Rider per Class" – Class-specific SMDRs

The main difference in the calculation of the SMIRR and the SMDR is the applicability of SMFA revenues and associated interest as an offset to the deferred revenue for the SMDR. There is no SMFA revenue offset for the SMIRR.

Guideline G-2011-0001 states at pages 19-20:

The Board views that, where practical and where the data is available, class specific SMDRs should be calculated based on full cost causality. The methodology approved by the Board in EB-2011-0128 should serve as a suitable guide. A uniform SMDR would be suitable only where adequate data is not available.

Recognizing that SMFA revenues have been collected from all metered customers since May 1, 2006, the Board's decision in EB-2011-0128 also addressed the treatment of smart meter adder amounts collected from customer classes for which smart meter costs were not incurred, as it related to PowerStream's smart meter deployment program. The Board directed PowerStream to allocate the smart meter adder amounts collected from the GS > 50 kW and Large Use customer classes evenly to the Residential and GS < 50 kW classes when calculating the true-up for the SMDR. The Board concluded that this approach was appropriate because the amounts involved were not significant enough to warrant a more precise allocation.¹² However, for all customer classes for which smart meter costs have been directly incurred, the SMFA revenues plus carrying costs should be directly used as an offset to the incremental revenue requirement to determine the SMDR for that class.

- a) Please explain how Parry Sound Power has allocated the SMFA revenues and associated interest for the purposes of calculating class-specific SMDRs.
- b) A common approach for cost allocation is to do the following:
- OM&A expenses have been allocated on the basis of the number of meters installed for each class.
 - The Return and Amortization have been allocated on the basis of the capital costs of the meters installed for each class.
 - PILs have been allocated based on the revenue requirement derived for each class before PILs.
 - SMFA revenues and interest on the principal first calculated directly for the Residential and GS < 50 kW classes, with then the residual SMFA revenues and interest collected from other metered customer classes (i.e., GS 50-4999 kW and Large Use) allocated 50:50 to the Residential and GS < 50 kW classes. This approach has been used and approved in some recent cost of service applications, including that for Guelph Hydro's 2012 rates application [EB-2011-0123].

Using the attached spreadsheet taken from Guelph Hydro's draft Rate Order filing, please provide calculations for class-specific SMDRs using a more direct allocation of SMFA revenues.

Reply Submission

- a) Table #5 – Smart Meter Disposition Rate Rider in Parry Sound Power's Smart Meter Prudence Review Report shows how Parry Sound Power has allocated the SMFA revenues and associated interest for the purposes of calculating class-specific SMDRs. Please see part c in the allocation below. The following steps were used to calculate the rate rider for each class:
- a. Allocation of the total revenue requirement, using the following cost allocation methodology:
- Allocation of the return (deemed interest plus return on equity) and amortization based on a CWMC (ie. Customer Weighted

Meter Cost) that reflects the average actual cost of installing smart meters for the Residential and General Service < 50 kW classes. The average Parry Sound Power cost of installing a smart meter for the Residential class is \$84.89 and \$294.93 for the General Service<50 kW class.

- Allocate the OM&A based on the number of meters installed for each class
 - Allocate PILs based on the revenue requirement allocated to each class before PILs
- b. Sum the allocated amounts and calculate the percentages of costs allocated to customer rate classes.
- c. Subtract the revenues generated from the smart meter funding adder from the overall revenue requirement.
- d. Allocate the amount calculated in part c by using the allocation factors derived in part b.
- e. To calculate the smart meter disposition rider, divide the allocated amount by rate class derived in part f.
- f. By the number of customers in each class, and then divide by 24 (months).
- b) Parry Sound Power did allocate OM&A expenses based of the number of meters installed for each class. Total return and amortization were allocated on the basis of the capital costs of the meters installed for each class. PILs were allocated based on the revenue requirement derived for each class before PILs. SMFA revenues and interest was indirectly allocated to each rate class based on the revenue requirement allocation, which is the sum of return, amortization, and OM&A. Parry Sound Power calculated the rate riders this way because it was suggested by the Board to follow PowerStream's 2010 smart meter application (EB-2010-0209) in the Board's Guidelines. In (G-2011-0001) Guideline – Smart Meter Funding and Cost Recovery – Final Disposition it says, "The methodology approved by the Board in EB-2011-0128 should serve as a suitable guide."

That being said, Parry Sound Power used the spreadsheet from Guelph Hydro's draft Rate Order filing to provide calculations for class-specific SMDRs below:

Reply Submission
2013 IRM Rate Application
Parry Sound Power Corporation
EB-2012-0159
EB-2012-0344

	2009	2010	2011 + Forecast	Total 2009 to 2011	Explanation Allocator	ID and Factors	Total	Residential
Revenue Requirement for the Historical Years	\$44,363.73	\$105,651.51	\$356,335.26	\$506,350.50				
Total Return on Capital	\$21,581.86	\$48,585.15	\$110,898.40	\$181,065.41	Weighted Meter - Capital	CWMC	100.00%	68.45%
				Allocated per Class			\$181,065.41	\$123,932.44
Amortization and interest Expense	\$20,577.72	\$55,968.62	\$158,298.69	\$234,845.04	Weighted Meter - Capital	CWMC	100.00%	68.45%
				Allocated per Class			\$234,845.04	\$160,742.57
Operating Expenses	\$2,958.51	\$18,786.81	\$67,952.64	\$89,697.96	Number of Smart Meters Installed for each Class		3,384	2,860
				Allocated per Class			\$89,697.96	\$75,808.56
Grossed-up Taxes/PILs	-\$754.36	-\$17,689.07	\$19,185.52	\$742.10	Revenue Requirement allocated to each Class before PILs		\$505,608.40	\$360,483.56
				Allocated per Class			\$742.10	\$529.09
							Total	Residential
TOTAL REVENUE REQUIREMENT				\$506,350.50			\$506,350.50	\$361,012.66
Percentage of costs allocated to Residential and GS < 50 kW customer classes								
Revenue Generated from Smart Meter Funding Adder							\$123,407.95	100.00%
								71.30%
SMFA Revenues directly attributable to class								82.93%
Residual SMFA revenues (from other metered classes) attributed evenly								1.00%
Total								83.93%
Revenues Generated from SMFA							\$123,407.95	\$ 103,574.48
Net Deferred Revenue Requirement							\$382,942.55	
							Allocated per Class	
							\$382,942.55	\$257,438.18
							Number of Metered Customers (2012)	2,860
Smart Meter Disposition Rate Rider								\$3.75

From Parry Sound's weather normalization load forecast model spreadsheet filed in the 2011 COS									
Smart Meter Funding Adder Revenues Year	Number of customers			Estimated SMFA Revenues					
	Residential	GS < 50 kW	Other Metered Customer	Residential	GS < 50 kW	Other Metered Customer Classes	Total		
2006 (May 1, 2006)	2,610	505	61	\$ 5,011.68	\$ 969.92	\$ 116.16	\$ 6,097.76		
2007	2,643	529	64	\$ 7,611.60	\$ 1,523.52	\$ 185.04	\$ 9,320.16		
2008	2,697	508	66	\$ 7,767.36	\$ 1,464.00	\$ 188.88	\$ 9,420.24		
2009	2,744	495	66	\$ 24,586.99	\$ 4,437.44	\$ 594.35	\$ 29,618.77		
2010	2,778	494	67	\$ 33,335.86	\$ 5,928.00	\$ 805.10	\$ 40,068.96		
2011	2,812	493	68	\$ 14,061.56	\$ 2,465.00	\$ 339.30	\$ 16,865.85		
				\$ 92,375.04	\$ 16,787.88	\$ 2,228.83	\$ 111,391.75		
				82.93%	15.07%	2.00%	100.00%		
				71.30%	28.70%				
Even allocation				50.00%	50.00%				
Allocation of 1.00% to Res and GS < 50 kW				1.000%	1.000%				
				83.93%	16.07%				

15. Ref: Smart Meter Model – Cost per Smart Meter Installed

Using the below table as a guide, please provide the following:

- A table showing the cost per meter, in total and for each of Residential and GS < 50 kW customer classes, and broken out as.
 - Minimum functionality: capital
 - Minimum functionality: capital and OM&A
 - Minimum functionality and beyond minimum functionality: capital

- Minimum functionality and beyond minimum functionality: capital and OM&A.

	2006	2007	2008	2009	2010	2011	2012	Total
Capital related to minimum functionality								
Capital beyond minimum functionality								
OM&A related to minimum functionality								
OM&A beyond minimum functionality								
Number of Smart Meters Deployed								
							Total	Average per meter
							Total (capex + opex)	
							Capex only	
							OM&A only	
							Beyond minimum functionality only	

- b) Please provide a breakdown of the meter types installed, by year, for the Residential and GS < 50 kW classes.

Reply Submission

- a) A table showing the cost per meter under the above breakdowns is produced below:

	2008	2009	2010	2011	2012	Total	
Capital related to minimum functionality	\$ -	\$ 551,471	\$ 192,821	\$ 103,260	\$ -	\$ 847,552	
Capital beyond minimum functionality	\$ -	\$ 7,111	\$ 3,023	\$ 7,759	\$ 15,000	\$ 32,893	
OM&A related to minimum functionality	\$ -	\$ 2,959	\$ 18,787	\$ 22,241	\$ 42,616	\$ 86,602	
OM&A beyond minimum functionality	\$ -	\$ -	\$ -	\$ -	\$ 3,096	\$ 3,096	
Number of Smart Meters Deployed	-	3,223	95	66	-	3,384	
						Total	Average per meter
Total (capex + opex)						\$ 970,143	\$ 286.69
Capex only						\$ 880,445	\$ 260.18
OM&A only						\$ 89,698	\$ 26.51
Beyond minimum functionality only						\$ 35,988	\$ 10.63

b) Below is a breakdown of the meter types and the number installed per year is shown on tab 2 of the smart meter model.

Class	Type of Meter	Type Base	Elster Smart Meters- Description	Quantity	Meter Cost	Average Meter Cost
Residential	R2S rex	REX 2 2S	Single-Phase; 1.5EL, 3W, SC, 200A, 240V 2S	2860	\$ 242,785.40	\$ 84.89
GS < 50	R2S rex	REX 2 1S	Single-Phase; 1EL, 2W, SC, 200A, 120V, 1S	6	\$ 712.38	\$ 118.73
	R2S rex	REX 2 3S	Single-Phase; 1EL, 2W, Tx, 10A, 240V, 3S	56	\$ 6,648.88	\$ 118.73
	R2S rex	REX 2 2S	Single-Phase; 1.5EL, 3W, SC, 200A, 240V 2S	177	\$ 15,025.53	\$ 84.89
	R2S rex	REX 2 2SD	Single-Phase; 1.5EL, 3W, SC, 200A, 240V 2S Dis-connect/limit amp	10	\$ 1,740.50	\$ 174.05
	R2S rex	REX 2 12S	Network; 2EL, 3W, SC, 200A, 120V, 12S	132	\$ 18,198.84	\$ 137.87
	A3TL Node	A3 Node	Polyphase; 2EL, 3W, Tx, 10A, 120V, 35S KW	29	\$ 13,082.48	\$ 451.12
	A3RL Node	A3 Node	Polyphase; 2EL, 3W, Tx, 10A, 120V, 35S KW & KVA	10	\$ 4,511.20	\$ 451.12
	A3TL Node	A3 Node	Polyphase; 3EL, 4W, SC, 200A, 345V, 16S	75	\$ 38,922.00	\$ 518.96
	A3TL Node	A3 Node	Polyphase Corn; 3EL, 4W, Tx, 10A, 345V, 9S	25	\$ 11,278.00	\$ 451.12
	A3 Standalone Collector			4	\$ 1,804.48	\$ 451.12
	GS < 50 Totals			524	\$ 111,924.29	\$ 213.60

16. Ref: Smart Meter Model

If Parry Sound Power has changed its inputs to the Smart Meter Model as a result of any of the above interrogatory responses, please update and re-file the Smart Meter Model in working Microsoft Excel format, using version 2.17 of the model.]

Reply Submission

The smart meter model V2.17 has been updated as a result of some of the interrogatory responses and the model will be re-filed in working Microsoft Excel format, as well as text-searchable PDF at the end of this application (Appendix 1).

17. Ref: Cost Allocation

- a) If Parry Sound Power has made revisions to its Smart Meter Model as a result of its responses to interrogatories, please update the proposed class-specific SMDRs accordingly.
- b) Similarly, please update the calculation of class-specific SMIRRs.

Reply Submission

- a) Here is an update of the class-specific SMDRs:

Smart Meter Disposition Rate Rider

Calculated by Rate Class			
	Total	Residential	GS < 50
Allocators			
Parry Sound's Average Smart Meter Unit Cost	\$ -	\$ 84.89	\$ 213.60
Smart Meter Cost	\$ 354,709.69	\$ 242,785.40	\$ 111,924.29
Allocation of Smart Meter Costs	100.00%	68.45%	31.55%
Number of Meters Installed	3,384	2,860	524
Allocation of Number of meters installed	100.00%	84.52%	15.48%
Total Return (deemed interest plus return on equity)	\$ 126,077.37	\$ 86,295.20	\$ 39,782.17
Amortization	\$ 151,173.36	\$ 103,472.46	\$ 47,700.90
OM&A	\$ 43,986	\$ 37,175.16	\$ 6,811.11
Revenue Requirement before PILs	\$ 321,237.00	\$ 226,942.82	\$ 94,294.18
PILs	-\$ 12,179.87	-\$ 8,604.66	-\$ 3,575.21
Total Revenue Requirement 2006 to 2011	\$ 309,057.13	\$ 218,338.16	\$ 90,718.96
	100%	70.65%	29.35%
Smart Meter Rate Adder Revenues	-\$ 117,939.43		
Carrying Charge SMFA	-\$ 5,468.52		
Carrying Charge Deferred Expenses	\$ 2,768.25		
Smart Meter True-up	\$ 188,417.43	\$ 133,110.39	\$ 55,307.04
Metered Customers	3,384	2,860	524
Rate Rider to Recover Smart Meter Costs	\$ 2.32	\$ 1.94	\$ 4.40

b) Here is an update of the class specific SMIRRs:

Smart Meter Incremental Revenue Requirement Rate Rider

Calculated by Rate Class			
	Total	Residential	GS < 50
Allocators			
Parry Sound's Average Smart Meter Unit Cost		\$ 84.89	\$ 213.60
Smart Meter Cost	\$ 354,709.69	\$ 242,785.40	\$ 111,924.29
Allocation of Smart Meter Costs	100.00%	68.45%	31.55%
Number of Meters Installed	3,384	2,860	524
Allocation of Number of meters installed	100.00%	84.52%	15.48%
Total Return (deemed interest plus return on equity)	\$ 54,988.03	\$ 37,637.23	\$ 17,350.80
Amortization	\$ 80,903.43	\$ 55,375.35	\$ 25,528.09
OM&A	\$ 45,712	\$ 38,633.40	\$ 7,078.29
Revenue Requirement before PILs	\$ 181,603.16	\$ 131,645.98	\$ 49,957.17
PILs	\$ 12,921.96	\$ 9,367.26	\$ 3,554.70
Total Revenue Requirement 2006 to 2011	\$ 194,525.12	\$ 141,013.25	\$ 53,511.87
Metered Customers	3,384	2,860	524
Rate Rider to Cover Smart Meter Costs	\$ 4.79	\$ 4.11	\$ 8.51

18. Ref: Manager's summary

- a) Please provide an updated bill impact analysis for the Residential and GS < 50 kW rate classes that combines Parry Sound Power's requests as filed in both its 2013 IRM application (EB-2012-0159) and Smart Meter Cost Recovery application (EB-2012-0344).
- b) Please provide an updated bill impact analysis for the Residential and GS < 50 kW rate classes that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues. Please provide this bill impact analysis for each of the rate rider scenarios asked in Board staff interrogatory #2c.

Reply Submission

- a) Bill impacts for Residential Rate Class that combines Parry Sound Power's requests as filed in both its 2013 IRM application (EB-2012-0159) and Smart Meter Cost Recovery application (EB-2012-0344). Please note that this bill impact includes the PILs disposition rate rider of (\$0.0026)/kWh (EB-2012-0229):

Residential	UPDATE
Consumption	800 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	36.45%	
Energy Second Tier (kWh)	264.72	0.0880	23.30	264.72	0.0880	23.30	0.00	0.00%	18.87%	
TOU - Off Peak	553.42	0.0650	35.97	553.42	0.0650	35.97	0.00	0.00%		28.79%
TOU - Mid Peak	155.65	0.1000	15.56	155.65	0.1000	15.56	0.00	0.00%		12.46%
TOU - On Peak	155.65	0.1170	18.21	155.65	0.1170	18.21	0.00	0.00%		14.58%
Service Charge	1	21.67	21.67	1	21.86	21.86	0.19	0.88%	17.71%	17.50%
Service Charge Rate Rider(s)	1	0.73	0.73	1	6.05	6.05	5.32	728.77%	4.90%	4.84%
Distribution Volumetric Rate	800	0.0173	13.84	800	0.0175	14.00	0.16	1.16%	11.34%	11.21%
Low Voltage Volumetric Rate	800	0.0011	0.88	800	0.0011	0.88	0.00	0.00%	0.71%	0.70%
Distribution Volumetric Rate Rider(s)	800	(0.0047)	(3.76)	800	(0.0112)	(8.96)	(5.20)	138.30%	-7.26%	-7.17%
Total: Distribution			33.36			33.83	0.47	1.41%	27.41%	27.08%
Retail Transmission Rate - Network Service Rate	864.72	0.0051	4.41	864.72	0.0051	4.41	0.00	0.00%	3.57%	3.53%
Retail Transmission Rate - Line and Transformation Connection Service Rate	864.72	0.004	3.46	864.72	0.0041	3.55	0.09	2.60%	2.88%	2.84%
Total: Retail Transmission			7.87			7.96	0.09	1.14%	6.45%	6.37%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.23			41.79	0.56	1.36%	33.85%	33.45%
Wholesale Market Service Rate	864.72	0.0052	4.50	864.72	0.0052	4.50	0.00	0.00%	3.64%	3.60%
Rural Rate Protection Charge	864.72	0.0011	0.95	864.72	0.0011	0.95	0.00	0.00%	0.77%	0.76%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.20%
Sub-Total: Regulatory			5.70			5.70	0.00	0.00%	4.62%	4.56%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.54%	4.48%
Total Bill on RPP (before taxes)			120.82			121.38	0.56	0.46%	98.33%	
HST		13%	15.71		13%	15.78	0.07	0.46%	12.78%	
Total Bill (including HST)			136.53			137.16	0.63	0.46%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.65)		(10%)	(13.72)	(0.06)	0.46%	-11.11%	
Total Bill on RPP (including OCEB)			122.87			123.44	0.57	0.46%	100.00%	
Total Bill on TOU (before taxes)			122.28			122.84	0.56	0.46%		98.33%
HST		13%	15.90		13%	15.97	0.07	0.46%		12.78%
Total Bill (including HST)			138.18			138.81	0.63	0.46%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.82)		(10%)	(13.88)	(0.06)	0.46%		-11.11%
Total Bill on TOU (including OCEB)			124.36			124.93	0.57	0.46%		100.00%

Bill impacts for GS < 50 kW Rate Class that combines Parry Sound Power's requests as filed in both its 2013 IRM application (EB-2012-0159) and Smart Meter Cost Recovery application (EB-2012-0344). Please note that this bill impact includes the PILs disposition rate rider of (\$0.0017)/kWh (EB-2012-0229):

General Service Less Than 50 kW

UPDATE

Consumption 2,000 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	15.45%	
Energy Second Tier (kWh)	1,561.80	0.0880	137.44	1,561.80	0.0880	137.44	0.00	0.00%	47.18%	
TOU - Off Peak	1,383.55	0.0650	89.93	1,383.55	0.0650	89.93	0.00	0.00%		31.77%
TOU - Mid Peak	389.12	0.1000	38.91	389.12	0.1000	38.91	0.00	0.00%		13.75%
TOU - On Peak	389.12	0.1170	45.53	389.12	0.1170	45.53	0.00	0.00%		16.08%
Service Charge	1	32.38	32.38	1	32.66	32.66	0.28	0.86%	11.21%	11.54%
Service Charge Rate Rider(s)	1	1.10	1.10	1	12.91	12.91	11.81	1073.64%	4.43%	4.56%
Distribution Volumetric Rate	2000	0.0133	26.60	2,000	0.0134	26.80	0.20	0.75%	9.20%	9.47%
Low Voltage Volumetric Rate	2000	0.0008	1.60	2,000	0.0008	1.60	0.00	0.00%	0.55%	0.57%
Distribution Volumetric Rate Rider(s)	2000	(0.0029)	(5.80)	2,000	(0.0080)	(16.00)	(10.20)	175.86%	-5.49%	-5.65%
Total: Distribution			55.88			57.97	2.09	3.74%	19.90%	20.48%
Retail Transmission Rate - Network Service Rate	2,161.80	0.0046	9.94	2,161.80	0.0046	9.94	0.00	0.00%	3.41%	3.51%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,161.80	0.0037	8.00	2,161.80	0.0038	8.21	0.21	2.63%	2.82%	2.90%
Total: Retail Transmission			17.94			18.15	0.21	1.17%	6.23%	6.41%
Sub-Total: Delivery (Distribution and Retail Transmission)			73.82			76.12	2.30	3.12%	26.13%	26.89%
Wholesale Market Service Rate	2,161.80	0.0052	11.24	2,161.80	0.0052	11.24	0.00	0.00%	3.86%	3.97%
Rural Rate Protection Charge	2,161.80	0.0011	2.38	2,161.80	0.0011	2.38	0.00	0.00%	0.82%	0.84%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.87			13.87	0.00	0.00%	4.76%	4.90%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.81%	4.95%
Total Bill on RPP (before taxes)			284.13			286.43	2.30	0.81%	96.33%	
HST		13%	36.94		13%	37.24	0.30	0.81%	12.78%	
Total Bill (including HST)			321.07			323.67	2.60	0.81%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(32.11)		(10%)	(32.37)	(0.26)	0.81%	-11.11%	
Total Bill on RPP (including OCEB)			288.96			291.30	2.34	0.81%	100.00%	
Total Bill on TOU (before taxes)			276.06			278.36	2.30	0.83%		98.33%
HST		13%	35.89		13%	36.19	0.30	0.83%		12.78%
Total Bill (including HST)			311.95			314.55	2.60	0.83%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.19)		(10%)	(31.45)	(0.26)	0.83%		-11.11%
Total Bill on TOU (including OCEB)			280.75			283.09	2.34	0.83%		100.00%

- b) Bill impact for Residential Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a one year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0026)/kWh (EB-2012-0229):

Residential	UPDATE
Consumption	800 kWh
RPP Tier One	600 kWh
Load Factor	
Loss Factor	1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	35.16%	
Energy Second Tier (kWh)	264.72	0.0880	23.30	264.72	0.0880	23.30	0.00	0.00%	18.20%	
TOU - Off Peak	553.42	0.0650	35.97	553.42	0.0650	35.97	0.00	0.00%		27.78%
TOU - Mid Peak	155.65	0.1000	15.56	155.65	0.1000	15.56	0.00	0.00%		12.02%
TOU - On Peak	155.65	0.1170	18.21	155.65	0.1170	18.21	0.00	0.00%		14.06%
Service Charge	1	21.67	21.67	1	21.86	21.86	0.19	0.88%	17.08%	16.88%
Service Charge Rate Rider(s)	1	0.73	0.73	1	6.05	6.05	5.32	728.77%	4.73%	4.67%
Distribution Volumetric Rate	800	0.0173	13.84	800	0.0175	14.00	0.16	1.16%	10.94%	10.81%
Low Voltage Volumetric Rate	800	0.0011	0.88	800	0.0011	0.88	0.00	0.00%	0.69%	0.68%
Distribution Volumetric Rate Rider(s)	800	(0.0047)	(3.76)	800	(0.0056)	(4.48)	(0.72)	19.15%	-3.50%	-3.46%
Total: Distribution			33.36			38.31	4.95	14.84%	29.93%	29.59%
Retail Transmission Rate - Network Service Rate	864.72	0.0051	4.41	864.72	0.0051	4.41	0.00	0.00%	3.45%	3.41%
Retail Transmission Rate - Line and Transformation Connection Service Rate	864.72	0.004	3.46	864.72	0.0041	3.55	0.09	2.60%	2.77%	2.74%
Total: Retail Transmission			7.87			7.96	0.09	1.14%	6.22%	6.15%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.23			46.27	5.04	12.22%	36.15%	35.73%
Wholesale Market Service Rate	864.72	0.0052	4.50	864.72	0.0052	4.50	0.00	0.00%	3.51%	3.47%
Rural Rate Protection Charge	864.72	0.0011	0.95	864.72	0.0011	0.95	0.00	0.00%	0.74%	0.73%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.19%
Sub-Total: Regulatory			5.70			5.70	0.00	0.00%	4.45%	4.40%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.38%	4.32%
Total Bill on RPP (before taxes)			120.82			125.86	5.04	4.17%	98.33%	
HST		13%	15.71		13%	16.36	0.66	4.17%	12.78%	
Total Bill (including HST)			136.53			142.22	5.70	4.17%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.65)		(10%)	(14.22)	(0.57)	4.17%	-11.11%	
Total Bill on RPP (including OCEB)			122.87			128.00	5.13	4.17%	100.00%	
Total Bill on TOU (before taxes)			122.28			127.32	5.04	4.12%		98.33%
HST		13%	15.90		13%	16.55	0.66	4.12%		12.78%
Total Bill (including HST)			138.18			143.87	5.70	4.12%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.82)		(10%)	(14.39)	(0.57)	4.12%		-11.11%
Total Bill on TOU (including OCEB)			124.36			129.48	5.13	4.12%		100.00%

Bill impact for GS < 50 Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a one year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0017)/kWh (EB-2012-0229):

General Service Less Than 50 kW

UPDATE

Consumption 2,000 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	15.35%	
Energy Second Tier (kWh)	1,561.80	0.0880	137.44	1,561.80	0.0880	137.44	0.00	0.00%	46.89%	
TOU - Off Peak	1,383.55	0.0650	89.93	1,383.55	0.0650	89.93	0.00	0.00%		31.56%
TOU - Mid Peak	389.12	0.1000	38.91	389.12	0.1000	38.91	0.00	0.00%		13.66%
TOU - On Peak	389.12	0.1170	45.53	389.12	0.1170	45.53	0.00	0.00%		15.98%
Service Charge	1	32.38	32.38	1	32.66	32.66	0.28	0.86%	11.14%	11.46%
Service Charge Rate Rider(s)	1	1.10	1.10	1	12.91	12.91	11.81	1073.64%	4.40%	4.53%
Distribution Volumetric Rate	2000	0.0133	26.60	2,000	0.0134	26.80	0.20	0.75%	9.14%	9.41%
Low Voltage Volumetric Rate	2000	0.0008	1.60	2,000	0.0008	1.60	0.00	0.00%	0.55%	0.56%
Distribution Volumetric Rate Rider(s)	2000	(0.0029)	(5.80)	2,000	(0.0071)	(14.20)	(8.40)	144.83%	-4.84%	-4.98%
Total: Distribution			55.88			59.77	3.89	6.96%	20.39%	20.98%
Retail Transmission Rate - Network Service Rate	2,161.80	0.0046	9.94	2,161.80	0.0046	9.94	0.00	0.00%	3.39%	3.49%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,161.80	0.0037	8.00	2,161.80	0.0038	8.21	0.21	2.63%	2.80%	2.88%
Total: Retail Transmission			17.94			18.15	0.21	1.17%	6.19%	6.37%
Sub-Total: Delivery (Distribution and Retail Transmission)			73.82			77.92	4.10	5.55%	26.58%	27.35%
Wholesale Market Service Rate	2,161.80	0.0052	11.24	2,161.80	0.0052	11.24	0.00	0.00%	3.83%	3.95%
Rural Rate Protection Charge	2,161.80	0.0011	2.38	2,161.80	0.0011	2.38	0.00	0.00%	0.81%	0.83%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.87			13.87	0.00	0.00%	4.73%	4.87%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.78%	4.91%
Total Bill on RPP (before taxes)			284.13			288.23	4.10	1.44%	98.33%	
HST		13%	36.94		13%	37.47	0.53	1.44%	12.78%	
Total Bill (including HST)			321.07			325.70	4.63	1.44%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(32.11)		(10%)	(32.57)	(0.46)	1.44%	-11.11%	
Total Bill on RPP (including OCEB)			288.96			293.13	4.17	1.44%	100.00%	
Total Bill on TOU (before taxes)			276.06			280.16	4.10	1.49%		98.33%
HST		13%	35.89		13%	36.42	0.53	1.49%		12.78%
Total Bill (including HST)			311.95			316.58	4.63	1.49%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.19)		(10%)	(31.66)	(0.46)	1.49%		-11.11%
Total Bill on TOU (including OCEB)			280.75			284.92	4.17	1.49%		100.00%

Bill impact for Residential Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a two year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0026)/kWh (EB-2012-0229):

Residential		UPDATE	
Consumption	800 kWh		
RPP Tier One	600 kWh		
Load Factor			
Loss Factor	1.0809		

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	35.49%	
Energy Second Tier (kWh)	264.72	0.0880	23.30	264.72	0.0880	23.30	0.00	0.00%	18.37%	
TOU - Off Peak	553.42	0.0650	35.97	553.42	0.0650	35.97	0.00	0.00%		28.05%
TOU - Mid Peak	155.65	0.1000	15.56	155.65	0.1000	15.56	0.00	0.00%		12.14%
TOU - On Peak	155.65	0.1170	18.21	155.65	0.1170	18.21	0.00	0.00%		14.20%
Service Charge	1	21.67	21.67	1	21.86	21.86	0.19	0.88%	17.24%	17.04%
Service Charge Rate Rider(s)	1	0.73	0.73	1	6.05	6.05	5.32	728.77%	4.77%	4.72%
Distribution Volumetric Rate	800	0.0173	13.84	800	0.0175	14.00	0.16	1.16%	11.04%	10.91%
Low Voltage Volumetric Rate	800	0.0011	0.88	800	0.0011	0.88	0.00	0.00%	0.69%	0.69%
Distribution Volumetric Rate Rider(s)	800	(0.0047)	(3.76)	800	(0.0071)	(5.68)	(1.92)	51.06%	-4.48%	-4.43%
Total: Distribution			33.36			37.11	3.75	11.24%	29.27%	28.93%
Retail Transmission Rate - Network Service Rate	864.72	0.0051	4.41	864.72	0.0051	4.41	0.00	0.00%	3.48%	3.44%
Retail Transmission Rate - Line and Transformation Connection Service Rate	864.72	0.004	3.46	864.72	0.0041	3.55	0.09	2.60%	2.80%	2.77%
Total: Retail Transmission			7.87			7.96	0.09	1.14%	6.28%	6.21%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.23			45.07	3.84	9.31%	35.55%	35.14%
Wholesale Market Service Rate	864.72	0.0052	4.50	864.72	0.0052	4.50	0.00	0.00%	3.55%	3.51%
Rural Rate Protection Charge	864.72	0.0011	0.95	864.72	0.0011	0.95	0.00	0.00%	0.75%	0.74%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.19%
Sub-Total: Regulatory			5.70			5.70	0.00	0.00%	4.49%	4.44%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.42%	4.37%
Total Bill on RPP (before taxes)			120.82			124.66	3.84	3.18%	98.33%	
HST		13%	15.71		13%	16.21	0.50	3.18%	12.78%	
Total Bill (including HST)			136.53			140.87	4.34	3.18%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.65)		(10%)	(14.09)	(0.43)	3.18%	-11.11%	
Total Bill on RPP (including OCEB)			122.87			126.78	3.91	3.18%	100.00%	
Total Bill on TOU (before taxes)			122.28			126.12	3.84	3.14%		98.33%
HST		13%	15.90		13%	16.40	0.50	3.14%		12.78%
Total Bill (including HST)			138.18			142.52	4.34	3.14%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.82)		(10%)	(14.25)	(0.43)	3.14%		-11.11%
Total Bill on TOU (including OCEB)			124.36			128.26	3.91	3.14%		100.00%

Bill impact for GS < 50 Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a two year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0017)/kWh (EB-2012-0229):

General Service Less Than 50 kW

UPDATE

Consumption 2,000 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	15.38%	
Energy Second Tier (kWh)	1,561.80	0.0880	137.44	1,561.80	0.0880	137.44	0.00	0.00%	46.98%	
TOU - Off Peak	1,383.55	0.0650	89.93	1,383.55	0.0650	89.93	0.00	0.00%		31.63%
TOU - Mid Peak	389.12	0.1000	38.91	389.12	0.1000	38.91	0.00	0.00%		13.69%
TOU - On Peak	389.12	0.1170	45.53	389.12	0.1170	45.53	0.00	0.00%		16.01%
Service Charge	1	32.38	32.38	1	32.66	32.66	0.28	0.86%	11.17%	11.49%
Service Charge Rate Rider(s)	1	1.10	1.10	1	12.91	12.91	11.81	1073.64%	4.41%	4.54%
Distribution Volumetric Rate	2000	0.0133	26.60	2,000	0.0134	26.80	0.20	0.75%	9.16%	9.43%
Low Voltage Volumetric Rate	2000	0.0008	1.60	2,000	0.0008	1.60	0.00	0.00%	0.55%	0.56%
Distribution Volumetric Rate Rider(s)	2000	(0.0029)	(5.80)	2,000	(0.0074)	(14.80)	(9.00)	155.17%	-5.06%	-5.21%
Total: Distribution			55.88			59.17	3.29	5.89%	20.23%	20.81%
Retail Transmission Rate - Network Service Rate	2,161.80	0.0046	9.94	2,161.80	0.0046	9.94	0.00	0.00%	3.40%	3.50%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,161.80	0.0037	8.00	2,161.80	0.0038	8.21	0.21	2.63%	2.81%	2.89%
Total: Retail Transmission			17.94			18.15	0.21	1.17%	6.20%	6.38%
Sub-Total: Delivery (Distribution and Retail Transmission)			73.82			77.32	3.50	4.74%	26.43%	27.20%
Wholesale Market Service Rate	2,161.80	0.0052	11.24	2,161.80	0.0052	11.24	0.00	0.00%	3.84%	3.95%
Rural Rate Protection Charge	2,161.80	0.0011	2.38	2,161.80	0.0011	2.38	0.00	0.00%	0.81%	0.84%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.87			13.87	0.00	0.00%	4.74%	4.88%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.79%	4.92%
Total Bill on RPP (before taxes)			284.13			287.63	3.50	1.23%	98.33%	
HST		13%	36.94		13%	37.39	0.45	1.23%	12.78%	
Total Bill (including HST)			321.07			325.02	3.96	1.23%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(32.11)		(10%)	(32.50)	(0.40)	1.23%	-11.11%	
Total Bill on RPP (including OCEB)			288.96			292.52	3.56	1.23%	100.00%	
Total Bill on TOU (before taxes)			276.06			279.56	3.50	1.27%		98.33%
HST		13%	35.89		13%	36.34	0.46	1.27%		12.78%
Total Bill (including HST)			311.95			315.90	3.95	1.27%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.19)		(10%)	(31.59)	(0.40)	1.27%		-11.11%
Total Bill on TOU (including OCEB)			280.75			284.31	3.56	1.27%		100.00%

Bill impact for Residential Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a three year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0026)/kWh (EB-2012-0229):

Residential				UPDATE							
Consumption		800	kWh								
RPP Tier One		600	kWh								
Load Factor											
Loss Factor		1.0809									

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	35.61%	
Energy Second Tier (kWh)	264.72	0.0880	23.30	264.72	0.0880	23.30	0.00	0.00%	18.43%	
TOU - Off Peak	553.42	0.0650	35.97	553.42	0.0650	35.97	0.00	0.00%		28.13%
TOU - Mid Peak	155.65	0.1000	15.56	155.65	0.1000	15.56	0.00	0.00%		12.17%
TOU - On Peak	155.65	0.1170	18.21	155.65	0.1170	18.21	0.00	0.00%		14.24%
Service Charge	1	21.67	21.67	1	21.86	21.86	0.19	0.88%	17.30%	17.10%
Service Charge Rate Rider(s)	1	0.73	0.73	1	6.05	6.05	5.32	728.77%	4.79%	4.73%
Distribution Volumetric Rate	800	0.0173	13.84	800	0.0175	14.00	0.16	1.16%	11.08%	10.95%
Low Voltage Volumetric Rate	800	0.0011	0.88	800	0.0011	0.88	0.00	0.00%	0.70%	0.69%
Distribution Volumetric Rate Rider(s)	800	(0.0047)	(3.76)	800	(0.0076)	(6.08)	(2.32)	61.70%	-4.81%	-4.76%
Total: Distribution			33.36			36.71	3.35	10.04%	29.05%	28.71%
Retail Transmission Rate - Network Service Rate	864.72	0.0051	4.41	864.72	0.0051	4.41	0.00	0.00%	3.49%	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	864.72	0.004	3.46	864.72	0.0041	3.55	0.09	2.60%	2.81%	2.78%
Total: Retail Transmission			7.87			7.96	0.09	1.14%	6.30%	6.23%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.23			44.67	3.44	8.34%	35.35%	34.94%
Wholesale Market Service Rate	864.72	0.0052	4.50	864.72	0.0052	4.50	0.00	0.00%	3.56%	3.52%
Rural Rate Protection Charge	864.72	0.0011	0.95	864.72	0.0011	0.95	0.00	0.00%	0.75%	0.74%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.20%
Sub-Total: Regulatory			5.70			5.70	0.00	0.00%	4.51%	4.46%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.43%	4.38%
Total Bill on RPP (before taxes)			120.82			124.26	3.44	2.85%	98.33%	
HST		13%	15.71		13%	16.15	0.45	2.85%		12.78%
Total Bill (including HST)			136.53			140.41	3.89	2.85%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.65)		(10%)	(14.04)	(0.39)	2.85%	-11.11%	
Total Bill on RPP (including OCEB)			122.87			126.37	3.50	2.85%	100.00%	
Total Bill on TOU (before taxes)			122.28			125.72	3.44	2.81%		98.33%
HST		13%	15.90		13%	16.34	0.45	2.81%		12.78%
Total Bill (including HST)			138.18			142.06	3.89	2.81%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.82)		(10%)	(14.21)	(0.39)	2.81%	-11.11%	
Total Bill on TOU (including OCEB)			124.36			127.86	3.50	2.81%		100.00%

Bill impact for GS < 50 Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a three year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0017)/kWh (EB-2012-0229):

General Service Less Than 50 kW

UPDATE

Consumption 2,000 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	15.38%	
Energy Second Tier (kWh)	1,561.80	0.0880	137.44	1,561.80	0.0880	137.44	0.00	0.00%	46.98%	
TOU - Off Peak	1,383.55	0.0650	89.93	1,383.55	0.0650	89.93	0.00	0.00%		31.63%
TOU - Mid Peak	389.12	0.1000	38.91	389.12	0.1000	38.91	0.00	0.00%		13.69%
TOU - On Peak	389.12	0.1170	45.53	389.12	0.1170	45.53	0.00	0.00%		16.01%
Service Charge	1	32.38	32.38	1	32.66	32.66	0.28	0.86%	11.17%	11.49%
Service Charge Rate Rider(s)	1	1.10	1.10	1	12.91	12.91	11.81	1073.64%	4.41%	4.54%
Distribution Volumetric Rate	2000	0.0133	26.60	2,000	0.0134	26.80	0.20	0.75%	9.16%	9.43%
Low Voltage Volumetric Rate	2000	0.0008	1.60	2,000	0.0008	1.60	0.00	0.00%	0.55%	0.56%
Distribution Volumetric Rate Rider(s)	2000	(0.0029)	(5.80)	2,000	(0.0074)	(14.80)	(9.00)	155.17%	-5.06%	-5.21%
Total: Distribution			55.88			59.17	3.29	5.89%	20.23%	20.81%
Retail Transmission Rate - Network Service Rate	2,161.80	0.0046	9.94	2,161.80	0.0046	9.94	0.00	0.00%	3.40%	3.50%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,161.80	0.0037	8.00	2,161.80	0.0038	8.21	0.21	2.63%	2.81%	2.89%
Total: Retail Transmission			17.94			18.15	0.21	1.17%	6.20%	6.38%
Sub-Total: Delivery (Distribution and Retail Transmission)			73.82			77.32	3.50	4.74%	26.43%	27.20%
Wholesale Market Service Rate	2,161.80	0.0052	11.24	2,161.80	0.0052	11.24	0.00	0.00%	3.84%	3.95%
Rural Rate Protection Charge	2,161.80	0.0011	2.38	2,161.80	0.0011	2.38	0.00	0.00%	0.81%	0.84%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.87			13.87	0.00	0.00%	4.74%	4.88%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.79%	4.92%
Total Bill on RPP (before taxes)			284.13			287.63	3.50	1.23%	98.33%	
HST		13%	36.94		13%	37.39	0.45	1.23%	12.78%	
Total Bill (including HST)			321.07			325.02	3.96	1.23%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(32.11)		(10%)	(32.50)	(0.40)	1.23%	-11.11%	
Total Bill on RPP (including OCEB)			288.96			292.52	3.56	1.23%	100.00%	
Total Bill on TOU (before taxes)			276.06			279.56	3.50	1.27%		98.33%
HST		13%	35.89		13%	36.34	0.46	1.27%		12.78%
Total Bill (including HST)			311.95			315.90	3.95	1.27%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.19)		(10%)	(31.59)	(0.40)	1.27%		-11.11%
Total Bill on TOU (including OCEB)			280.75			284.31	3.56	1.27%		100.00%

Bill impact for Residential Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a four year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0026)/kWh (EB-2012-0229):

Residential

UPDATE

Consumption

800 kWh

RPP Tier One

600 kWh

Load Factor

Loss Factor

1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	35.65%	
Energy Second Tier (kWh)	264.72	0.0880	23.30	264.72	0.0880	23.30	0.00	0.00%	18.46%	
TOU - Off Peak	553.42	0.0650	35.97	553.42	0.0650	35.97	0.00	0.00%		28.17%
TOU - Mid Peak	155.65	0.1000	15.56	155.65	0.1000	15.56	0.00	0.00%		12.19%
TOU - On Peak	155.65	0.1170	18.21	155.65	0.1170	18.21	0.00	0.00%		14.26%
Service Charge	1	21.67	21.67	1	21.86	21.86	0.19	0.88%	17.32%	17.12%
Service Charge Rate Rider(s)	1	0.73	0.73	1	6.05	6.05	5.32	728.77%	4.79%	4.74%
Distribution Volumetric Rate	800	0.0173	13.84	800	0.0175	14.00	0.16	1.16%	11.09%	10.96%
Low Voltage Volumetric Rate	800	0.0011	0.88	800	0.0011	0.88	0.00	0.00%	0.70%	0.69%
Distribution Volumetric Rate Rider(s)	800	(0.0047)	(3.76)	800	(0.0078)	(6.24)	(2.48)	65.96%	-4.94%	-4.89%
Total: Distribution			33.36			36.55	3.19	9.56%	28.96%	28.62%
Retail Transmission Rate - Network Service Rate	864.72	0.0051	4.41	864.72	0.0051	4.41	0.00	0.00%	3.49%	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	864.72	0.004	3.46	864.72	0.0041	3.55	0.09	2.60%	2.81%	2.78%
Total: Retail Transmission			7.87			7.96	0.09	1.14%	6.31%	6.23%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.23			44.51	3.28	7.96%	35.27%	34.86%
Wholesale Market Service Rate	864.72	0.0052	4.50	864.72	0.0052	4.50	0.00	0.00%	3.56%	3.52%
Rural Rate Protection Charge	864.72	0.0011	0.95	864.72	0.0011	0.95	0.00	0.00%	0.75%	0.74%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.20%
Sub-Total: Regulatory			5.70			5.70	0.00	0.00%	4.51%	4.46%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.44%	4.39%
Total Bill on RPP (before taxes)			120.82			124.10	3.28	2.71%	98.33%	
HST		13%	15.71		13%	16.13	0.43	2.71%	12.78%	
Total Bill (including HST)			136.53			140.23	3.71	2.71%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.65)		(10%)	(14.02)	(0.37)	2.71%	-11.11%	
Total Bill on RPP (including OCEB)			122.87			126.21	3.34	2.71%	100.00%	
Total Bill on TOU (before taxes)			122.28			125.56	3.28	2.68%		98.33%
HST		13%	15.90		13%	16.32	0.43	2.68%		12.78%
Total Bill (including HST)			138.18			141.88	3.71	2.68%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(13.82)		(10%)	(14.19)	(0.37)	2.68%		-11.11%
Total Bill on TOU (including OCEB)			124.36			127.69	3.34	2.68%		100.00%

Bill impact for GS < 50 Rate Class that takes into account the removal of the Rate Mitigation Rate Rider and the addition of the rate rider to recover the deferred revenues over a four year period. Please note that this bill impact includes the PILs disposition rate rider of (\$0.0017)/kWh (EB-2012-0229):

General Service Less Than 50 kW

UPDATE

Consumption 2,000 kWh
RPP Tier One 600 kWh
Load Factor
Loss Factor 1.0809

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	15.39%	
Energy Second Tier (kWh)	1,561.80	0.0880	137.44	1,561.80	0.0880	137.44	0.00	0.00%	47.02%	
TOU - Off Peak	1,383.55	0.0650	89.93	1,383.55	0.0650	89.93	0.00	0.00%		31.65%
TOU - Mid Peak	389.12	0.1000	38.91	389.12	0.1000	38.91	0.00	0.00%		13.70%
TOU - On Peak	389.12	0.1170	45.53	389.12	0.1170	45.53	0.00	0.00%		16.02%
Service Charge	1	32.38	32.38	1	32.66	32.66	0.28	0.86%	11.17%	11.50%
Service Charge Rate Rider(s)	1	1.10	1.10	1	12.91	12.91	11.81	1073.64%	4.42%	4.54%
Distribution Volumetric Rate	2000	0.0133	26.60	2,000	0.0134	26.80	0.20	0.75%	9.17%	9.43%
Low Voltage Volumetric Rate	2000	0.0008	1.60	2,000	0.0008	1.60	0.00	0.00%	0.55%	0.56%
Distribution Volumetric Rate Rider(s)	2000	(0.0029)	(5.80)	2,000	(0.0075)	(15.00)	(9.20)	158.62%	-5.13%	-5.28%
Total: Distribution			55.88			58.97	3.09	5.53%	20.17%	20.76%
Retail Transmission Rate - Network Service Rate	2,161.80	0.0046	9.94	2,161.80	0.0046	9.94	0.00	0.00%	3.40%	3.50%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,161.80	0.0037	8.00	2,161.80	0.0038	8.21	0.21	2.63%	2.81%	2.89%
Total: Retail Transmission			17.94			18.15	0.21	1.17%	6.21%	6.39%
Sub-Total: Delivery (Distribution and Retail Transmission)			73.82			77.12	3.30	4.47%	26.38%	27.14%
Wholesale Market Service Rate	2,161.80	0.0052	11.24	2,161.80	0.0052	11.24	0.00	0.00%	3.85%	3.96%
Rural Rate Protection Charge	2,161.80	0.0011	2.38	2,161.80	0.0011	2.38	0.00	0.00%	0.81%	0.84%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.87			13.87	0.00	0.00%	4.74%	4.88%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.79%	4.93%
Total Bill on RPP (before taxes)			284.13			287.43	3.30	1.16%	98.33%	
HST		13%	36.94		13%	37.37	0.43	1.16%	12.78%	
Total Bill (including HST)			321.07			324.80	3.73	1.16%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(32.11)		(10%)	(32.48)	(0.37)	1.16%	-11.11%	
Total Bill on RPP (including OCEB)			288.96			292.32	3.36	1.16%	100.00%	
Total Bill on TOU (before taxes)			276.06			279.36	3.30	1.20%		98.33%
HST		13%	35.89		13%	36.32	0.43	1.20%		12.78%
Total Bill (including HST)			311.95			315.68	3.73	1.20%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(31.19)		(10%)	(31.57)	(0.37)	1.20%		-11.11%
Total Bill on TOU (including OCEB)			280.75			284.11	3.36	1.20%		100.00%

Appendix 1 – Smart Meter Model V2.17



The interface for the Smart Meter Model V2.17PSP. It features a header with the Ontario Energy Board logo and the title 'Smart Meter Model'. Below the header is a 'Choose Your Utility:' section with a dropdown menu showing 'Parry Sound Power Corporation' and 'Peterborough Distribution Incorporated'. The background of the header shows a close-up of electrical equipment and a power line tower.

V 2.17PSP

Ontario Energy Board
Smart Meter Model

Choose Your Utility:
Parry Sound Power Corporation
Peterborough Distribution Incorporated

Application Contact Information

Name: Sylvia Roy

Title: Finance & Regulatory Officer

Phone Number: (705) 746-5866 ext. 30

Email Address: sroy@pspower.ca

We are applying for rates effective: January 1, 2013

Last COS Re-based Year: 2011

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION

Copyright

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your 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, 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 the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results. The use of any models and spreadsheets does not automatically imply Board approval. The onus is on the distributor to prepare, document and support its application. Board-issued Excel models and spreadsheets are offered to assist parties in providing the necessary information so as to facilitate an expeditious review of an application. The onus remains on the applicant to ensure the accuracy of the data and the results.



	2006	2007	2008	2009	2010	2011	2012 and later	Total
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Smart Meter Capital Cost and Operational Expense Data								
Smart Meter Installation Plan								
Actual/Planned number of Smart Meters installed during the Calendar Year								
Residential				2,766	31	63	0	2860
General Service < 50 kW				457	64	3	0	524
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	0	0	0	3223	95	66	0	3384
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.00%	0.00%	0.00%	95.24%	98.05%	100.00%	0.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed								0
Other (please identify)								0
Total Number of Smart Meters installed or planned to be installed	0	0	0	3223	95	66	0	3384
Capital Costs								
1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)								
Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
1.1.1 Smart Meters (may include new meters and modules, etc.)	Smart Meter			326,157		21,018		\$ 347,175
1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)	Smart Meter			34,850	28,657	13,324		\$ 76,830
1.1.3a Workforce Automation Hardware (may include fieldwork handhelds, barcode hardware, etc.)	Computer Hardware			3,240				\$ 3,240
1.1.3b Workforce Automation Software (may include fieldwork handhelds, barcode hardware, etc.)	Smart Meter							\$ -
Total Advanced Metering Communications Devices (AMCD)	\$ -	\$ -	\$ -	\$ 364,246	\$ 28,657	\$ 34,342	\$ -	\$ 427,245
1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)								
Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
1.2.1 Collectors	Smart Meter			4,983	3,030	8,445		\$ 16,458
1.2.2 Repeaters (may include radio licence, etc.)	Smart Meter			838				\$ 838
1.2.3 Installation (may include meter seals and rings, collector computer hardware, etc.)	Smart Meter			44,767				\$ 44,767
Total Advanced Metering Regional Collector (AMRC) (includes LAN)	\$ -	\$ -	\$ -	\$ 50,589	\$ 3,030	\$ 8,445	\$ -	\$ 62,064
1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)								
Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
1.3.1 Computer Hardware	Computer Hardware			13,767	787			\$ 14,544
1.3.2 Computer Software	Computer Software			2,282	67,210	21,898		\$ 91,389
1.3.3 Computer Software Licences & Installation (includes hardware and software) (may include AS400 disk space, backup and recovery computer, UPS, etc.)	Computer Software				53,030			\$ 53,030
Total Advanced Metering Control Computer (AMCC)	\$ -	\$ -	\$ -	\$ 16,039	\$ 121,027	\$ 21,898	\$ -	\$ 158,963
1.4 WIDE AREA NETWORK (WAN)								
Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
1.4.1 Activation Fees	Smart Meter			35,521				\$ 35,521
Total Wide Area Network (WAN)	\$ -	\$ -	\$ -	\$ 35,521	\$ -	\$ -	\$ -	\$ 35,521
1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY								
Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
1.5.1 Customer Equipment (including repair of damaged equipment)	Other Equipment							\$ -
1.5.2 AMI Interface to CIS	Computer Software			8,100				\$ 8,100
1.5.3 Professional Fees	Smart Meter			97,716	26,327	29,487		\$ 113,530
1.5.4 Integration	Smart Meter			4,830	7,200	1,716		\$ 13,746
1.5.5 Program Management	Smart Meter			14,430	6,580	7,372		\$ 28,382
1.5.6 Other AMI Capital	Smart Meter							\$ -
Total Other AMI Capital Costs Related to Minimum Functionality	\$ -	\$ -	\$ -	\$ 85,076	\$ 40,107	\$ 38,575	\$ -	\$ 163,758
Total Capital Costs Related to Minimum Functionality	\$ -	\$ -	\$ -	\$ 551,471	\$ 192,821	\$ 103,260	\$ -	\$ 847,552
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY								
Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06	Computer Software							\$ -
1.6.2 Costs for deployment of smart meters to customers other than residential and small general service	Applications Software							\$ -
1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDMR, etc.	Smart Meter			7,111	3,023	7,759	15,000	\$ 32,893
Total Capital Costs Beyond Minimum Functionality	\$ -	\$ -	\$ -	\$ 7,111	\$ 3,023	\$ 7,759	\$ 15,000	\$ 32,893
Total Smart Meter Capital Costs	\$ -	\$ -	\$ -	\$ 558,581	\$ 195,844	\$ 111,019	\$ 15,000	\$ 880,445

Reply Submission
2013 IRM Rate Application
Parry Sound Power Corporation
EB-2012-0159
EB-2012-0344

2 OM&A Expenses

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

2.1.1 Maintenance (may include meter verification costs, etc.)

2.1.2 Other (please specify)

Total Incremental AMCD OM&A Costs

2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

2.2.1 Maintenance

2.2.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

2.3.1 Hardware Maintenance (may include server support, etc.)

2.3.2 Software Maintenance (may include maintenance support, etc.)

2.3.2 Other (please specify)

Total Incremental AMCC OM&A Costs

2.4 WIDE AREA NETWORK (WAN)

2.4.1 WAN Maintenance

2.4.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.5.1 Business Process Redesign

2.5.2 Customer Communication (may include project communication, etc.)

2.5.3 Program Management

2.5.4 Change Management (may include training, etc.)

2.5.5 Administration Costs

2.5.6 Other AMI Expenses
(please specify)

Total Other AMI OM&A Costs Related to Minimum Functionality

TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs)

2.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06

2.6.2 Costs for deployment of smart meters to customers other than residential and small general service

2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

Total OM&A Costs Beyond Minimum Functionality

Total Smart Meter OM&A Costs

Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
							\$ -
							\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
							\$ -
							\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
							\$ -
							\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
							\$ -
							\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
							\$ 1,810
							\$ 38,701
							\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,511
							\$ 5,344
							\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,344
							\$ -
							\$ 5,476
							\$ 6,404
							\$ 618
							\$ 14,877
							\$ 13,373
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,748
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 86,602
							\$ -
							\$ -
							\$ 3,096
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,096
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,698

3 Aggregate Smart Meter Costs by Category

3.1 Capital

3.1.1 Smart Meter

3.1.2 Computer Hardware

3.1.3 Computer Software

3.1.4 Tools & Equipment

3.1.5 Other Equipment

3.1.6 Applications Software

3.1.7 Total Capital Costs

\$ -	\$ -	\$ -	\$ 531,203	\$ 74,817	\$ 89,121	\$ 15,000	\$ 710,141
\$ -	\$ -	\$ -	\$ 16,997	\$ 787	\$ -	\$ -	\$ 17,784
\$ -	\$ -	\$ -	\$ 10,382	\$ 120,240	\$ 21,898	\$ -	\$ 152,519
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ 558,581	\$ 195,844	\$ 111,019	\$ 15,000	\$ 880,445



	2006	2007	2008	2009	2010	2011	2012 and later
Cost of Capital							
Capital Structure¹							
Deemed Short-term Debt Capitalization			0.0%	0.0%	0.0%	0.0%	0.0%
Deemed Long-term Debt Capitalization	50.0%	50.0%	53.3%	56.7%	60.0%	60.0%	60.0%
Deemed Equity Capitalization	50.0%	50.0%	46.7%	43.3%	40.0%	40.0%	40.0%
Preferred Shares	0.0%		0.0%		0.0%		
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters							
Deemed Short-term Debt Rate			0.00%	0.00%	0.00%	2.46%	2.46%
Long-term Debt Rate (actual/embedded/deemed) ²	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%
Target Return on Equity (ROE)	9.0%	9.00%	9.00%	9.00%	9.00%	9.58%	9.58%
Return on Preferred Shares	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WACC	8.13%	8.13%	8.07%	8.01%	7.95%	7.99%	7.99%
Working Capital Allowance							
Working Capital Allowance Rate	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
(% of the sum of Cost of Power + controllable expenses)							
Taxes/PILs							
Aggregate Corporate Income Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%
Depreciation Rates							
(expressed as expected useful life in years)							
Smart Meters - years	15	15	15	15	15	15	15
- rate (%)	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
Computer Hardware - years	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Tools & Equipment - years	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Other Equipment - years	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
CCA Rates							
Smart Meters - CCA Class	47	47	47	47	47	47	47
Smart Meters - CCA Rate	8%	8%	8%	8%	8%	8%	8%
Computer Equipment - CCA Class	52	52	52	52	52	50	50
Computer Equipment - CCA Rate	100%	100%	100%	100%	100%	55%	55%
General Equipment - CCA Class	47	47	47	47	47	47	47
General Equipment - CCA Rate	8%	8%	8%	8%	8%	8%	8%
Applications Software - CCA Class	12	12	12	12	12	12	12
Applications Software - CCA Rate	100%	100%	100%	100%	100%	100%	100%

Assumptions

¹ Planned smart meter installations occur evenly throughout the year.

² Fiscal calendar year (January 1 to December 31) used.

³ Amortization is done on a straight line basis and has the "half-year" rule applied.



	2006	2007	2008	2009	2010	2011	2012 and later
Net Fixed Assets - Smart Meters							
Gross Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 531,203	\$ 606,020	\$ 695,141
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 531,203	\$ 74,817	\$ 89,121	\$ 15,000
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 531,203	\$ 606,020	\$ 695,141	\$ 710,141
Accumulated Depreciation							
Opening Balance		\$ -	\$ -	\$ -	\$ 17,707	\$ 55,614	\$ 98,986
Amortization expense during year	\$ -	\$ -	\$ -	\$ 17,707	\$ 37,907	\$ 43,372	\$ 46,843
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 17,707	\$ 55,614	\$ 98,986	\$ 145,829
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 513,496	\$ 550,406	\$ 596,155
Closing Balance	\$ -	\$ -	\$ -	\$ 513,496	\$ 550,406	\$ 596,155	\$ 564,312
Average Net Book Value	\$ -	\$ -	\$ -	\$ 256,748	\$ 531,951	\$ 573,280	\$ 580,233
Net Fixed Assets - Computer Hardware							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ 16,997	\$ 17,784	\$ 17,784
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 16,997	\$ 787	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 16,997	\$ 17,784	\$ 17,784	\$ 17,784
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 1,700	\$ 5,178	\$ 8,735
Amortization expense during year	\$ -	\$ -	\$ -	\$ 1,700	\$ 3,478	\$ 3,557	\$ 3,557
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 1,700	\$ 5,178	\$ 8,735	\$ 12,292
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 15,297	\$ 12,606	\$ 9,050
Closing Balance	\$ -	\$ -	\$ -	\$ 15,297	\$ 12,606	\$ 9,050	\$ 5,493
Average Net Book Value	\$ -	\$ -	\$ -	\$ 7,649	\$ 13,952	\$ 10,828	\$ 7,271
Net Fixed Assets - Computer Software (including Applications Software)							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ 10,382	\$ 130,621	\$ 152,519
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 10,382	\$ 120,240	\$ 21,898	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 10,382	\$ 130,621	\$ 152,519	\$ 152,519
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 1,038	\$ 15,138	\$ 43,452
Amortization expense during year	\$ -	\$ -	\$ -	\$ 1,038	\$ 14,100	\$ 28,314	\$ 30,504
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 1,038	\$ 15,138	\$ 43,452	\$ 73,956
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 9,343	\$ 115,483	\$ 109,067
Closing Balance	\$ -	\$ -	\$ -	\$ 9,343	\$ 115,483	\$ 109,067	\$ 78,563
Average Net Book Value	\$ -	\$ -	\$ -	\$ 4,672	\$ 62,413	\$ 112,275	\$ 93,815

Reply Submission
2013 IRM Rate Application
Parry Sound Power Corporation
EB-2012-0159
EB-2012-0344

Net Fixed Assets - Tools and Equipment

Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Fixed Assets - Other Equipment

Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Reply Submission
2013 IRM Rate Application
Parry Sound Power Corporation
EB-2012-0159
EB-2012-0344



	2006	2007	2008	2009	2010	2011	2012 and Later
Average Net Fixed Asset Values (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ -	\$ 256,748	\$ 531,951	\$ 573,280	\$ 580,233
Computer Hardware	\$ -	\$ -	\$ -	\$ 7,649	\$ 13,952	\$ 10,828	\$ 7,271
Computer Software	\$ -	\$ -	\$ -	\$ 4,672	\$ 62,413	\$ 112,275	\$ 93,815
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ -	\$ -	\$ 269,068	\$ 608,316	\$ 696,363	\$ 681,319
Working Capital							
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ -	\$ 2,959	\$ 18,787	\$ 22,241	\$ 45,712
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ -	\$ 444	\$ 2,818	\$ 3,336	\$ 6,857
Incremental Smart Meter Rate Base	\$ -	\$ -	\$ -	\$ 269,512	\$ 611,134	\$ 699,719	\$ 688,176
Return on Rate Base							
Capital Structure							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,989	\$ 27,527
Deemed Long Term Debt	\$ -	\$ -	\$ -	\$ 152,813	\$ 366,680	\$ 391,843	\$ 385,379
Equity	\$ -	\$ -	\$ -	\$ 116,699	\$ 244,454	\$ 279,888	\$ 275,270
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ -	\$ -	\$ -	\$ 269,512	\$ 611,134	\$ 699,719	\$ 688,176
Return on							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 689	\$ 677
Deemed Long Term Debt	\$ -	\$ -	\$ -	\$ 11,079	\$ 26,584	\$ 28,409	\$ 27,940
Equity	\$ -	\$ -	\$ -	\$ 10,503	\$ 22,001	\$ 26,813	\$ 26,371
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ -	\$ -	\$ -	\$ 21,582	\$ 48,585	\$ 55,910	\$ 54,988
Operating Expenses	\$ -	\$ -	\$ -	\$ 2,959	\$ 18,787	\$ 22,241	\$ 45,712
Amortization Expenses (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ -	\$ 17,707	\$ 37,907	\$ 43,372	\$ 46,843
Computer Hardware	\$ -	\$ -	\$ -	\$ 1,700	\$ 3,478	\$ 3,557	\$ 3,557
Computer Software	\$ -	\$ -	\$ -	\$ 1,038	\$ 14,100	\$ 28,314	\$ 30,504
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ -	\$ -	\$ 20,445	\$ 55,486	\$ 75,243	\$ 80,903
Incremental Revenue Requirement before Taxes/PILs	\$ -	\$ -	\$ -	\$ 44,985	\$ 122,858	\$ 153,394	\$ 181,603
Calculation of Taxable Income							
Incremental Operating Expenses	\$ -	\$ -	\$ -	\$ 2,959	\$ 18,787	\$ 22,241	\$ 45,712
Amortization Expense	\$ -	\$ -	\$ -	\$ 20,445	\$ 55,486	\$ 75,243	\$ 80,903
Interest Expense	\$ -	\$ -	\$ -	\$ 11,079	\$ 26,584	\$ 29,097	\$ 28,617
Net Income for Taxes/PILs	\$ -	\$ -	\$ -	\$ 10,503	\$ 22,001	\$ 26,813	\$ 26,371
Grossed-up Taxes/PILs (from Sheet 7)	\$ -	\$ -	\$ -	\$ 754.36	\$ 17,689.07	\$ 6,263.56	\$ 12,921.96
Revenue Requirement, including Grossed-up Taxes/PILs	\$ -	\$ -	\$ -	\$ 44,231	\$ 105,169	\$ 159,658	\$ 194,525



For PILs Calculation

UCC - Smart Meters

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 509,954.73	\$ 540,982.92	\$ 583,260.43
Capital Additions	\$ -	\$ -	\$ -	\$ 531,202.84	\$ 74,817.26	\$ 89,120.98	\$ 15,000.00
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 531,202.84	\$ 584,771.99	\$ 630,103.90	\$ 598,260.43
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 265,601.42	\$ 37,408.63	\$ 44,560.49	\$ 7,500.00
Reduced UCC	\$ -	\$ -	\$ -	\$ 265,601.42	\$ 547,363.36	\$ 585,543.41	\$ 590,760.43
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ -	\$ -	\$ 21,248.11	\$ 43,789.07	\$ 46,843.47	\$ 47,260.83
Closing UCC	\$ -	\$ -	\$ -	\$ 509,954.73	\$ 540,982.92	\$ 583,260.43	\$ 550,999.59

UCC - Computer Equipment

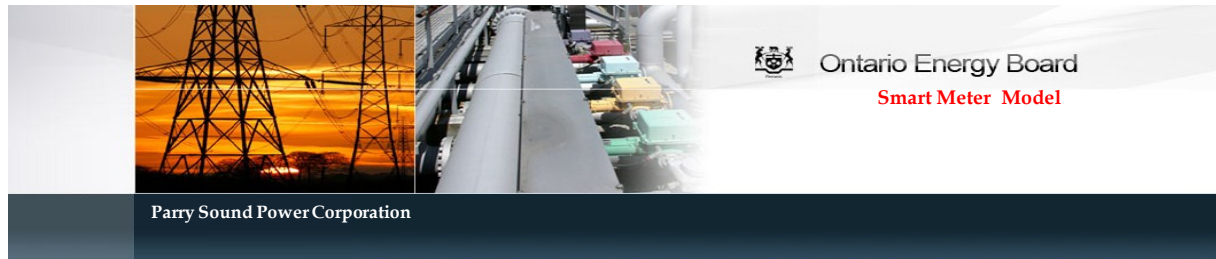
	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 13,689.27	\$ 60,513.40	\$ 43,107.17
Capital Additions Computer Hardware	\$ -	\$ -	\$ -	\$ 16,997.04	\$ 787.22	\$ -	\$ -
Capital Additions Computer Software	\$ -	\$ -	\$ -	\$ 10,381.50	\$ 120,239.58	\$ 21,898.13	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 27,378.54	\$ 134,716.07	\$ 82,411.53	\$ 43,107.17
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 13,689.27	\$ 60,513.40	\$ 10,949.07	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ 13,689.27	\$ 74,202.67	\$ 71,462.47	\$ 43,107.17
CCA Rate Class	52	52	52	52	52	50	50
CCA Rate	100%	100%	100%	100%	100%	55%	55%
CCA	\$ -	\$ -	\$ -	\$ 13,689.27	\$ 74,202.67	\$ 39,304.36	\$ 23,708.95
Closing UCC	\$ -	\$ -	\$ -	\$ 13,689.27	\$ 60,513.40	\$ 43,107.17	\$ 19,398.23

UCC - General Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

UCC - Applications Software

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	12	12	12	12	12	12	12
CCA Rate	100%	100%	100%	100%	100%	100%	100%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
INCOME TAX							
Net Income	\$ -	\$ -	\$ -	\$ 10,502.89	\$ 22,000.82	\$ 26,813.24	\$ 26,370.91
Amortization	\$ -	\$ -	\$ -	\$ 20,444.62	\$ 55,485.82	\$ 75,242.92	\$ 80,903.43
CCA - Smart Meters	\$ -	\$ -	\$ -	\$ 21,248.11	\$ 43,789.07	\$ 46,843.47	\$ 47,260.83
CCA - Computers	\$ -	\$ -	\$ -	\$ 13,689.27	\$ 74,202.67	\$ 39,304.36	\$ 23,708.95
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ -	\$ -	\$ -	\$ 3,989.88	\$ 40,505.10	\$ 15,908.33	\$ 36,304.57
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Income Taxes Payable	\$ -	\$ -	\$ -	\$ 1,316.66	\$ 12,556.58	\$ 4,494.10	\$ 9,529.95
ONTARIO CAPITAL TAX							
Smart Meters	\$ -	\$ -	\$ -	\$ 513,496.08	\$ 550,405.91	\$ 596,154.85	\$ 564,312.11
Computer Hardware	\$ -	\$ -	\$ -	\$ 15,297.34	\$ 12,606.43	\$ 9,049.57	\$ 5,492.72
Computer Software	\$ -	\$ -	\$ -	\$ 9,343.35	\$ 115,482.67	\$ 109,066.77	\$ 78,562.93
(Including Application Software)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ -	\$ -	\$ -	\$ 538,136.76	\$ 678,495.01	\$ 714,271.20	\$ 648,367.76
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ -	\$ -	\$ -	\$ 538,136.76	\$ 678,495.01	\$ 714,271.20	\$ 648,367.76
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ -	\$ 1,210.81	\$ 508.87	\$ -	\$ -
Change in Income Taxes Payable	\$ -	\$ -	\$ -	\$ 1,316.66	\$ 12,556.58	\$ 4,494.10	\$ 9,529.95
Change in OCT	\$ -	\$ -	\$ -	\$ 1,210.81	\$ 508.87	\$ -	\$ -
PILs	\$ -	\$ -	\$ -	\$ 105.85	\$ 12,047.71	\$ 4,494.10	\$ 9,529.95
Gross Up PILs							
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Change in Income Taxes Payable	\$ -	\$ -	\$ -	\$ 1,965.16	\$ 18,197.94	\$ 6,263.56	\$ 12,921.96
Change in OCT	\$ -	\$ -	\$ -	\$ 1,210.81	\$ 508.87	\$ -	\$ -
PILs	\$ -	\$ -	\$ -	\$ 754.36	\$ 17,689.07	\$ 6,263.56	\$ 12,921.96



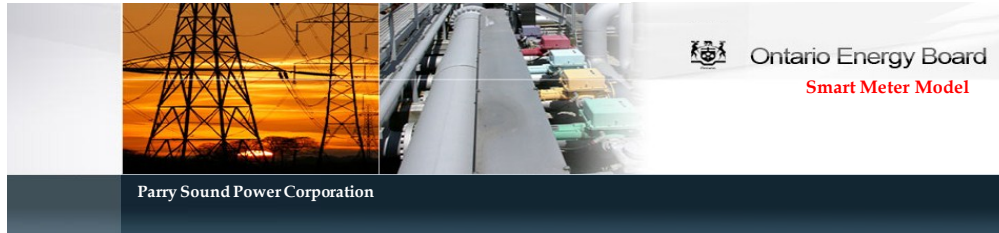
This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder (from Tariff)
2006 Q1			Jan-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	\$ -	\$ -	4.14%	\$ -	\$ -		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	\$ -	\$ 64.82	4.14%	\$ -	\$ 64.82		\$ 0.24
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ 64.82	\$ 674.48	4.14%	\$ 0.22	\$ 739.52		\$ 0.24
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 739.30	\$ 756.02	4.59%	\$ 2.83	\$ 1,498.15		\$ 0.24
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 1,495.32	\$ 764.87	4.59%	\$ 5.72	\$ 2,265.91		\$ 0.24
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 2,260.19	\$ 747.63	4.59%	\$ 8.65	\$ 3,016.67		\$ 0.24
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 3,008.02	\$ 774.14	4.59%	\$ 11.51	\$ 3,793.67		\$ 0.24
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 3,782.16	\$ 761.30	4.59%	\$ 14.47	\$ 4,557.93		\$ 0.24
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 4,543.46	\$ 613.01	4.59%	\$ 17.38	\$ 5,173.85	\$ 5,217.25	\$ 0.24
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 5,156.47	\$ 904.80	4.59%	\$ 19.72	\$ 6,080.99		\$ 0.24
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 6,061.27	\$ 760.34	4.59%	\$ 23.18	\$ 6,844.79		\$ 0.24
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 6,821.61	\$ 759.32	4.59%	\$ 26.09	\$ 7,607.02		\$ 0.24
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 7,580.93	\$ 761.20	4.59%	\$ 29.00	\$ 8,371.13		\$ 0.24
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 8,342.13	\$ 766.63	4.59%	\$ 31.91	\$ 9,140.67		\$ 0.24
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 9,108.76	\$ 769.98	4.59%	\$ 34.84	\$ 9,913.58		\$ 0.24
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 9,878.74	\$ 775.09	4.59%	\$ 37.79	\$ 10,691.62		\$ 0.24
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 10,653.83	\$ 779.86	4.59%	\$ 40.75	\$ 11,474.44		\$ 0.24
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 11,433.69	\$ 778.70	4.59%	\$ 43.73	\$ 12,256.12		\$ 0.24
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 12,212.39	\$ 778.53	5.14%	\$ 52.31	\$ 13,043.23		\$ 0.24
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 12,990.92	\$ 778.18	5.14%	\$ 55.64	\$ 13,824.74		\$ 0.24
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	\$ 13,769.10	\$ 777.63	5.14%	\$ 58.98	\$ 14,605.71	\$ 9,844.20	\$ 0.24
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	\$ 14,546.73	\$ 780.22	5.14%	\$ 62.31	\$ 15,389.26		\$ 0.24
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	\$ 15,326.95	\$ 779.60	5.14%	\$ 65.65	\$ 16,172.20		\$ 0.24
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	\$ 16,106.55	\$ 779.54	5.14%	\$ 68.99	\$ 16,955.08		\$ 0.24
2012 Q4	1.47%	3.51%	Apr-08	2008	Q2	\$ 16,886.09	\$ 781.38	4.08%	\$ 57.41	\$ 17,724.88		\$ 0.24
			May-08	2008	Q2	\$ 17,667.47	\$ 781.96	4.08%	\$ 60.07	\$ 18,509.50		\$ 0.24
			Jun-08	2008	Q2	\$ 18,449.43	\$ 782.11	4.08%	\$ 62.73	\$ 19,294.27		\$ 0.24
			Jul-08	2008	Q3	\$ 19,231.54	\$ 781.29	3.35%	\$ 53.69	\$ 20,066.52		\$ 0.24
			Aug-08	2008	Q3	\$ 20,012.83	\$ 787.49	3.35%	\$ 55.87	\$ 20,856.19		\$ 0.24
			Sep-08	2008	Q3	\$ 20,800.32	\$ 785.47	3.35%	\$ 58.07	\$ 21,643.86		\$ 0.24
			Oct-08	2008	Q4	\$ 21,585.79	\$ 787.70	3.35%	\$ 60.26	\$ 22,433.75		\$ 0.24
			Nov-08	2008	Q4	\$ 22,373.49	\$ 791.08	3.35%	\$ 62.46	\$ 23,227.03		\$ 0.24
			Dec-08	2008	Q4	\$ 23,164.57	\$ 789.83	3.35%	\$ 64.67	\$ 24,019.07	\$ 10,139.85	\$ 0.24
			Jan-09	2009	Q1	\$ 23,954.40	\$ 792.73	2.45%	\$ 48.91	\$ 24,796.04		\$ 0.24
			Feb-09	2009	Q1	\$ 24,747.13	\$ 788.94	2.45%	\$ 50.53	\$ 25,586.60		\$ 0.24
			Mar-09	2009	Q1	\$ 25,536.07	\$ 790.44	2.45%	\$ 52.14	\$ 26,378.65		\$ 0.24
			Apr-09	2009	Q2	\$ 26,326.51	\$ 786.98	1.00%	\$ 21.94	\$ 27,135.43		\$ 0.24
			May-09	2009	Q2	\$ 27,113.49	\$ 953.80	1.00%	\$ 22.59	\$ 28,089.88		\$ 1.00
			Jun-09	2009	Q2	\$ 28,067.29	\$ 2,936.11	1.00%	\$ 23.39	\$ 31,026.79		\$ 1.00
			Jul-09	2009	Q3	\$ 31,003.40	\$ 3,247.99	0.55%	\$ 14.21	\$ 34,265.60		\$ 1.00
			Aug-09	2009	Q3	\$ 34,251.39	\$ 3,254.76	0.55%	\$ 15.70	\$ 37,521.85		\$ 1.00
			Sep-09	2009	Q3	\$ 37,506.15	\$ 3,255.00	0.55%	\$ 17.19	\$ 40,778.34		\$ 1.00
			Oct-09	2009	Q4	\$ 40,761.15	\$ 3,279.83	0.55%	\$ 18.68	\$ 44,059.66		\$ 1.00
			Nov-09	2009	Q4	\$ 44,040.98	\$ 3,283.79	0.55%	\$ 20.19	\$ 47,344.96		\$ 1.00
			Dec-09	2009	Q4	\$ 47,324.77	\$ 3,264.57	0.55%	\$ 21.69	\$ 50,611.03	\$ 26,962.10	\$ 1.00
			Jan-10	2010	Q1	\$ 50,589.34	\$ 3,278.14	0.55%	\$ 23.19	\$ 53,890.67		\$ 1.00
			Feb-10	2010	Q1	\$ 53,867.48	\$ 3,265.40	0.55%	\$ 24.69	\$ 57,157.57		\$ 1.00
			Mar-10	2010	Q1	\$ 57,132.88	\$ 3,517.69	0.55%	\$ 26.19	\$ 60,676.76		\$ 1.00
			Apr-10	2010	Q2	\$ 60,650.57	\$ 3,284.68	0.55%	\$ 27.80	\$ 63,963.05		\$ 1.00
			May-10	2010	Q2	\$ 63,935.25	\$ 3,287.03	0.55%	\$ 29.30	\$ 67,251.58		\$ 1.00
			Jun-10	2010	Q2	\$ 67,222.28	\$ 3,432.71	0.55%	\$ 30.81	\$ 70,685.80		\$ 1.00
			Jul-10	2010	Q3	\$ 70,654.99	\$ 3,335.35	0.89%	\$ 52.40	\$ 74,042.74		\$ 1.00
			Aug-10	2010	Q3	\$ 73,990.34	\$ 3,319.84	0.89%	\$ 54.88	\$ 77,365.06		\$ 1.00
			Sep-10	2010	Q3	\$ 77,310.18	\$ 3,322.93	0.89%	\$ 57.34	\$ 80,690.45		\$ 1.00
			Oct-10	2010	Q4	\$ 80,633.11	\$ 3,318.44	1.20%	\$ 80.63	\$ 84,032.18		\$ 1.00
			Nov-10	2010	Q4	\$ 83,951.55	\$ 3,332.48	1.20%	\$ 83.95	\$ 87,367.98		\$ 1.00
			Dec-10	2010	Q4	\$ 87,284.03	\$ 3,906.81	1.20%	\$ 87.28	\$ 91,278.12	\$ 41,179.96	\$ 1.00
			Jan-11	2011	Q1	\$ 91,190.84	\$ 2,737.65	1.47%	\$ 111.71	\$ 94,040.20		\$ 1.00
			Feb-11	2011	Q1	\$ 93,928.49	\$ 3,323.43	1.47%	\$ 115.06	\$ 97,366.98		\$ 1.00
			Mar-11	2011	Q1	\$ 97,251.92	\$ 3,338.69	1.47%	\$ 119.13	\$ 100,709.74		\$ 1.00
			Apr-11	2011	Q2	\$ 100,590.61	\$ 3,345.10	1.47%	\$ 123.22	\$ 104,058.93		\$ 1.00
			May-11	2011	Q2	\$ 103,935.71	\$ 3,344.40	1.47%	\$ 127.32	\$ 107,407.43		\$ 1.00
			Jun-11	2011	Q2	\$ 107,280.11	\$ 3,917.05	1.47%	\$ 131.42	\$ 111,328.58		\$ -
			Jul-11	2011	Q3	\$ 111,197.16	\$ 3,338.66	1.47%	\$ 136.22	\$ 114,672.04		\$ -
			Aug-11	2011	Q3	\$ 114,535.82	\$ 3,364.59	1.47%	\$ 140.31	\$ 118,040.72		\$ -
			Sep-11	2011	Q3	\$ 117,900.41	\$ 34.02	1.47%	\$ 144.43	\$ 118,078.66		\$ -
			Oct-11	2011	Q4	\$ 117,934.43	\$ 1.00	1.47%	\$ 144.47	\$ 118,079.90		\$ -
			Nov-11	2011	Q4	\$ 117,935.43	\$ 4.00	1.47%	\$ 144.47	\$ 118,083.90		\$ -
			Dec-11	2011	Q4	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91	\$ 28,330.83	\$ -
			Jan-12	2012	Q1	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Feb-12	2012	Q1	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Mar-12	2012	Q1	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Apr-12	2012	Q2	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			May-12	2012	Q2	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Jun-12	2012	Q2	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Jul-12	2012	Q2	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Aug-12	2012	Q3	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Sep-12	2012	Q3	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Oct-12	2012	Q4	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Nov-12	2012	Q4	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91		\$ -
			Dec-12	2012	Q4	\$ 117,939.43	\$ -	1.47%	\$ 144.48	\$ 118,083.91	\$ 1,733.76	\$ -
Total Funding Adder Revenues Collected						\$	117,939.43	\$	5,468.52	\$	123,407.95	\$ 123,407.95

Keith C. Ritchie:
Unprotected, to override
rate for month of April
2012 if SMFA in effect to
April 30, 2012.

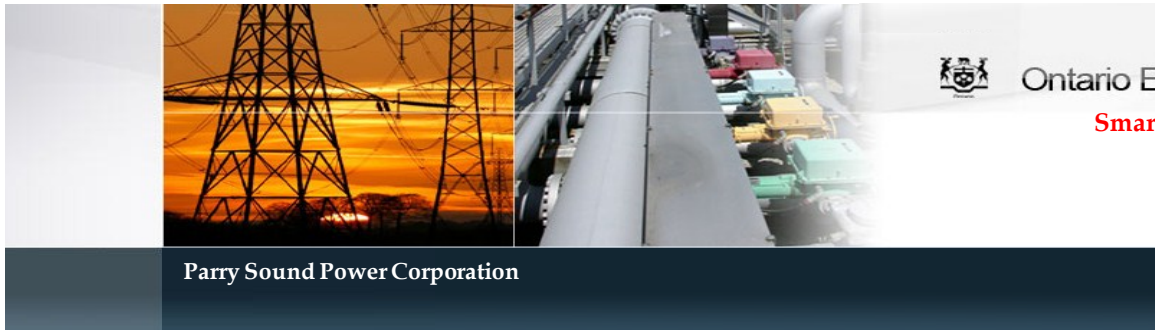
Reply Submission
2013 IRM Rate Application
Parry Sound Power Corporation
EB-2012-0159
EB-2012-0344



This worksheet calculates the interest on OM&A and amortization/depreciation expense, based on monthly data.

Account 1556 - Sub-accounts Operating Expenses, Amortization Expenses, Carrying Charges

Prescribed Interest Rates	Approved Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
2006 Q1	0.00%	0.00%	Jan-06	2006	Q1	\$ -			-	0.00%	-	-
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	-			-	0.00%	-	-
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	-			-	0.00%	-	-
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	-			-	4.14%	-	-
2007 Q1	4.59%	4.72%	May-06	2006	Q2	-			-	4.14%	-	-
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	-			-	4.14%	-	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-			-	4.59%	-	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-			-	4.59%	-	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-			-	4.59%	-	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-			-	4.59%	-	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-			-	4.59%	-	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-			-	4.59%	-	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-			-	4.59%	-	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-			-	4.59%	-	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-			-	4.59%	-	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-			-	4.59%	-	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-			-	4.59%	-	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-			-	4.59%	-	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-			-	4.59%	-	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-			-	4.59%	-	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	-			-	4.59%	-	-
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	-			-	5.14%	-	-
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	-			-	5.14%	-	-
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	-			-	5.14%	-	-
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	-			-	5.14%	-	-
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	-			-	5.14%	-	-
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	-			-	5.14%	-	-
2012 Q4	1.47%	3.51%	Apr-08	2008	Q2	-			-	4.08%	-	-
			May-08	2008	Q2	-			-	4.08%	-	-
			Jun-08	2008	Q2	-			-	4.08%	-	-
			Jul-08	2008	Q3	-			-	3.35%	-	-
			Aug-08	2008	Q3	-			-	3.35%	-	-
			Sep-08	2008	Q3	-			-	3.35%	-	-
			Oct-08	2008	Q4	-			-	3.35%	-	-
			Nov-08	2008	Q4	-			-	3.35%	-	-
			Dec-08	2008	Q4	-			-	3.35%	-	-
			Jan-09	2009	Q1	-			-	2.45%	-	-
			Feb-09	2009	Q1	-			-	2.45%	-	-
			Mar-09	2009	Q1	-			-	2.45%	-	-
			Apr-09	2009	Q2	-			-	1.00%	-	-
			May-09	2009	Q2	-	\$ 422.64		422.64	1.00%	-	-
			Jun-09	2009	Q2	422.64	\$ 422.64		845.29	1.00%	0.35	0.35
			Jul-09	2009	Q3	845.29	\$ 422.64		1,267.93	0.55%	0.39	0.74
			Aug-09	2009	Q3	1,267.93	\$ 422.64		1,690.58	0.55%	0.58	1.32
			Sep-09	2009	Q3	1,690.58	\$ 422.64		2,113.22	0.55%	0.77	2.10
			Oct-09	2009	Q4	2,113.22	\$ 422.64	\$ 6,206.46	8,742.33	0.55%	0.97	3.06
			Nov-09	2009	Q4	8,742.33	\$ 422.64	\$ 6,206.46	15,371.43	0.55%	4.01	7.07
			Dec-09	2009	Q4	15,371.43	\$ 422.64	\$ 6,206.46	22,000.53	0.55%	7.05	14.12
			Jan-10	2010	Q1	22,000.53	\$ 1,565.57	\$ 3,203.32	26,769.42	0.55%	10.08	24.20
			Feb-10	2010	Q1	26,769.42	\$ 1,565.57	\$ 3,203.32	31,538.31	0.55%	12.27	36.47
			Mar-10	2010	Q1	31,538.31	\$ 1,565.57	\$ 3,203.32	36,307.20	0.55%	14.46	50.92
			Apr-10	2010	Q2	36,307.20	\$ 1,565.57	\$ 3,421.96	41,294.72	0.55%	16.64	67.57
			May-10	2010	Q2	41,294.72	\$ 1,565.57	\$ 3,421.96	46,282.25	0.55%	18.93	86.49
			Jun-10	2010	Q2	46,282.25	\$ 1,565.57	\$ 3,421.96	51,269.78	0.55%	21.21	107.70
			Jul-10	2010	Q3	51,269.78	\$ 1,565.57	\$ 3,576.23	56,411.58	0.89%	38.03	145.73
			Aug-10	2010	Q3	56,411.58	\$ 1,565.57	\$ 3,576.23	61,553.37	0.89%	41.84	187.57
			Sep-10	2010	Q3	61,553.37	\$ 1,565.57	\$ 3,576.23	66,695.17	0.89%	45.65	233.22
			Oct-10	2010	Q4	66,695.17	\$ 1,565.57	\$ 4,387.46	72,648.20	1.20%	66.70	299.92
			Nov-10	2010	Q4	72,648.20	\$ 1,565.57	\$ 4,387.46	78,601.22	1.20%	72.65	372.56
			Dec-10	2010	Q4	78,601.22	\$ 1,565.57	\$ 4,387.46	84,554.24	1.20%	78.60	451.16
			Jan-11	2011	Q1	84,554.24	\$ 1,853.41	\$ 4,277.42	90,685.08	1.47%	103.58	554.74
			Feb-11	2011	Q1	90,685.08	\$ 1,853.41	\$ 4,277.42	96,815.91	1.47%	111.09	665.83
			Mar-11	2011	Q1	96,815.91	\$ 1,853.41	\$ 4,277.42	102,946.74	1.47%	118.60	784.43
			Apr-11	2011	Q2	102,946.74	\$ 1,853.41	\$ 4,353.46	109,153.61	1.47%	126.11	910.54
			May-11	2011	Q2	109,153.61	\$ 1,853.41	\$ 4,353.46	115,360.48	1.47%	133.71	1,044.26
			Jun-11	2011	Q2	115,360.48	\$ 1,853.41	\$ 4,353.46	121,567.35	1.47%	141.32	1,185.57
			Jul-11	2011	Q3	121,567.35	\$ 1,853.41	\$ 4,396.38	127,817.15	1.47%	149.92	1,334.49
			Aug-11	2011	Q3	127,817.15	\$ 1,853.41	\$ 4,396.38	134,066.94	1.47%	156.58	1,491.07
			Sep-11	2011	Q3	134,066.94	\$ 1,853.41	\$ 4,396.38	140,316.74	1.47%	164.23	1,655.30
			Oct-11	2011	Q4	140,316.74	\$ 1,853.41	\$ 4,865.11	147,035.26	1.47%	171.89	1,827.19
			Nov-11	2011	Q4	147,035.26	\$ 1,853.41	\$ 4,865.11	153,753.79	1.47%	180.12	2,007.31
			Dec-11	2011	Q4	153,753.79	\$ 1,853.41	\$ 4,865.11	160,472.31	1.47%	188.35	2,195.65
			Jan-12	2012	Q1	160,472.31	\$ 3,809.33	\$ 4,558.27	168,839.91	1.47%	196.58	2,392.23
			Feb-12	2012	Q1	168,839.91	\$ 3,809.33	\$ 4,558.27	177,207.51	1.47%	206.83	2,599.06
			Mar-12	2012	Q1	177,207.51	\$ 3,809.33	\$ 5,500.23	186,517.07	1.47%	217.08	2,816.14
			Apr-12	2012	Q2	186,517.07	\$ 3,809.33	\$ 4,872.26	195,198.66	1.47%	228.48	3,044.62
			May-12	2012	Q2	195,198.66	\$ 3,809.33	\$ 4,872.26	203,880.25	1.47%	239.12	3,283.74
			Jun-12	2012	Q2	203,880.25	\$ 3,809.33	\$ 5,500.23	213,189.81	1.47%	249.75	3,533.50
			Jul-12	2012	Q3	213,189.81	\$ 3,809.33	\$ 4,872.26	221,871.40	1.47%	261.16	3,794.65
			Aug-12	2012	Q3	221,871.40	\$ 3,809.33	\$ 4,872.26	230,552.99	1.47%	271.79	4,066.45
			Sep-12	2012	Q3	230,552.99	\$ 3,809.33	\$ 4,872.26	239,234.58	1.47%	282.43	4,348.87
			Oct-12	2012	Q4	239,234.58	\$ 3,809.33	\$ 4,872.26	247,916.17	1.47%	293.06	4,641.94
			Nov-12	2012	Q4	247,916.17	\$ 3,809.33	\$ 4,872.26	256,597.76	1.47%	303.70	4,945.63
			Dec-12	2012	Q4	256,597.76	\$ 3,809.33	\$ 4,872.26	265,279.35	1.47%	314.33	5,259.97
						\$ 90,120.87	\$ 175,158.48	\$ 265,279.35				



This worksheet calculates the interest on OM&A and amortization/depreciation expense, in the absence of monthly data.

Year	OM&A (from Sheet 5)	Amortization Expense (from Sheet 5)	Cumulative OM&A and Amortization Expense	Average Cumulative OM&A and Amortization Expense	Average A Prescribed Rate for D and Varia Accounts (from Sheets 8A and 8B)	Keith C. Ritchie: Assume 2006 Q2 interest rate also applied to 2006 Q1.	Interest on Amortization Expenses
2006	\$ -	\$ -	\$ -	\$ -	4.37%		\$ -
2007	\$ -	\$ -	\$ -	\$ -	4.73%		\$ -
2008	\$ -	\$ -	\$ -	\$ -	3.98%		\$ -
2009	\$ 2,958.51	\$ 20,444.62	\$ 23,403.13	\$ 11,701.56	1.14%		\$ 133.11
2010	\$ 18,786.81	\$ 55,485.82	\$ 97,675.75	\$ 60,539.44	0.80%		\$ 482.80
2011	\$ 22,240.95	\$ 75,242.92	\$ 195,159.63	\$ 146,417.69	1.47%		\$ 2,152.34
2012	\$ 45,711.69	\$ 80,903.43	\$ 321,774.75	\$ 258,467.19	1.47%		\$ 3,799.47
Cumulative Interest to 2011							\$ 2,768.25
Cumulative Interest to 2012							\$ 6,567.71



This worksheet calculates the Smart Meter Disposition Rider and the Smart Meter Incremental Revenue Requirement Rate Rider, if applicable. This worksheet also calculates the Smart Meter Funding Adder that a distributor may wish to request. However, please note that in many 2011 IRM decisions, the Board noted that current funding adders will cease on April 30, 2011 and that the Board's expectation is that distributors will file for a final review of prudence at the earliest opportunity. The Board also noted that the SMFA is a tool designed to provide advance funding and to mitigate the anticipated rate impact of smart meter costs when recovery of those costs is approved by the Board. The Board observed that the SMFA was not intended to be compensatory (return on and of capital) on a cumulative basis over the term the SMFA was in effect. The SMFA was initially designed to fund future investment, and not fully fund prior capital investment. Distributors that seek a new SMFA should provide evidence to support its proposal. This would include documentation of where the distributor is with respect to its smart meter deployment program, and reasons as to why the distributor's circumstances are such that continuation of the SMFA is warranted. Press the "UPDATE WORKSHEET" button after choosing the applicable adders/riders.

Check if applicable

- ☐ Smart Meter Funding Adder (SMFA)
☒ Smart Meter Disposition Rider (SMDR)
☒ Smart Meter Incremental Revenue Requirement Rate Rider (SMIRR)

The SMDR is calculated based on costs to December 31, 2011

The SMIRR is calculated based on the incremental revenue requirement associated with the recovery of capital related costs to December 31, 2012 and associated OM&A.

	2006	2007	2008	2009	2010	2011	2012 and later	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ -	\$ -	\$ -	\$ 44,230.63	\$ 105,168.70	\$ 159,657.80	\$ 194,525.12	\$ 503,582.25
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	\$ -	\$ -	\$ -	\$ 133.11	\$ 482.80	\$ 2,152.34		\$ 2,768.25
<input type="checkbox"/> Sheet 8A (Interest calculated on monthly balances)								\$ -
<input checked="" type="checkbox"/> Sheet 8B (Interest calculated on average annual balances)	\$ -	\$ -	\$ -	\$ 133.11	\$ 482.80	\$ 2,152.34		\$ 2,768.25
SMFA Revenues (from Sheet 8)	\$ 5,156.47	\$ 9,390.26	\$ 9,407.67	\$ 26,634.94	\$ 40,601.50	\$ 26,748.59	\$ -	\$ 117,939.43
SMFA Interest (from Sheet 8)	\$ 60.78	\$ 453.94	\$ 732.18	\$ 327.16	\$ 578.46	\$ 1,582.24	\$ 1,733.76	\$ 5,468.52
Net Deferred Revenue Requirement	-\$ 5,217.25	-\$ 9,844.20	-\$ 10,139.85	\$ 17,401.63	\$ 64,471.55	\$ 133,479.31	\$ 192,791.36	\$ 382,942.55
Number of Metered Customers (average for 2012 test year)							3384	

Calculation of Smart Meter Disposition Rider (per metered customer per month)

Years for collection or refunding	2
Deferred Incremental Revenue Requirement from 2006 to December 31, 2011 plus Interest on OM&A and Amortization	\$ 311,825.38
SMFA Revenues collected from 2006 to 2012 test year (inclusive) Plus Simple Interest on SMFA Revenues	\$ 123,407.95
Net Deferred Revenue Requirement	\$ 188,417.43
SMDR January 1, 2013 to December 31, 2014	\$ 2.32
Check: Forecasted SMDR Revenues	\$ 188,421.12

Match

Calculation of Smart Meter Incremental Revenue Requirement Rate Rider (per metered customer per month)

Incremental Revenue Requirement for 2012	\$ 194,525.12
SMIRR	\$ 4.79
Check: Forecasted SMIRR Revenues	\$ 194,512.32

Match