

November 15, 2012

Ontario Energy Board
PO Box 2319
2300 Yonge St
Toronto, ON M4P 1E4
Attn: Board Secretary

**RE: Brant County Power Inc. (BCP) – Smart Meter Disposition Application
(EB-2012-0265) – Response to Decision**

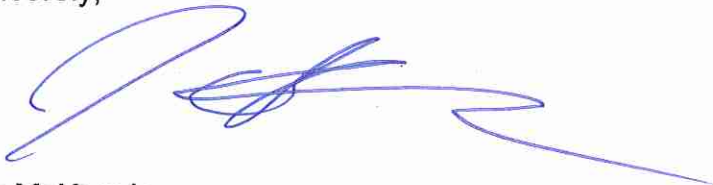
Please find BCPs reply and associated documents relating to the decision dated November 8, 2012.

We have provided comment on 6 topics including:

1. Costs beyond minimum functionality
2. Income tax rates
3. SMFA Interest
4. Implementation

If you have any questions or concerns, please contact me directly.

Sincerely,



Ian McKenzie
Director of Finance and Regulatory Affairs

Reply Submission

Brant County Power Inc. (BCP) is providing a submission in reply to the decision re: EB-2012-0265 dated November 8, 2012.

1. Costs Beyond Minimum Functionality

BCP has consistently followed our internal capitalization policy regarding the “Costs Beyond Minimum Functionality”. The capital costs (identified as \$14,000) relate to the CIS changes (i.e. custom programming) and training to allow our system to handle the TOU pricing structure. The \$17,000 identified as OM&A expenses relate to web presentment and associated training and other costs, BCP does not feel that it is appropriate to capitalize these costs.

BCP does not propose to change the SMDR or SMIRR for these costs and as a result have not adjusted the attached model (Appendix B) for this issue.

We hope this response is adequate for the Board to issue approval for our final rate riders.

2. Income Tax Rates

There has been much discussion and confusion on the proper tax rates to utilize. BCP has attempted to follow the Boards direction in the decision, however is willing to adjust the values filed in the revised Smart Meter model attached (Appendix B) to this submission if required. We have used the approved 2006 tax rate for 2006 through to 2010, as BCP rebased in 2011.

BCP has used the following tax rate in the corresponding years and have updated the model attached (Appendix B) accordingly.

	2006	2007	2008	2009	2010	2011	2012
Tax Rate	29.27%	29.27%	29.27%	29.27%	29.27%	21%	15.5%

3. SMFA Interest

The Board has instructed BCP to revise the interest calculation portion of the SM model. BCP has revised sheet 8 of the attached model (Appendix B).

4. Implementation

BCP has followed the direction of the decision and has included the calculated SMIRR revenue shortfall into our SMDR allocation attached with this submission (Appendix C). The calculation of the revenue shortfall is provided below.

Customer Class	SMIRR Rate Rider	Customer Count	Months	Cost
Residential	\$ 1.75	7,986	7	\$ 97,828.50
GS < 50	\$ 4.33	1,626	7	\$ 49,284.06
Total Cost				\$147,112.56

Generic

As requested, BCP is providing a proposed Tariff Sheet as Appendix A to this submission.

Appendix A

Proposed Tariff Sheet

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
Effective Date December 1, 2012
Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	11.07
Smart Meter Disposition Rider - effective until November 30, 2013	\$	2.41
Smart Meter Incremental Revenue Rate Rider - effective until April 30, 2015	\$	1.75
Distribution Volumetric Rate	\$/kWh	0.0208
Low Voltage Service Rate	\$/kWh	0.0024
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	-0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) effective until April 30, 2013	\$/kWh	0.0001
Rate Rider for Deferred PILS Variance Account - effective until April 30, 2014	\$/kWh	-0.0011
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
Effective Date December 1, 2012
Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.12
Smart Meter Disposition Rider - effective until November 30, 2013	\$	4.23
Smart Meter Incremental Revenue Rate Rider - effective until April 30, 2015	\$	4.33
Distribution Volumetric Rate	\$/kWh	0.0178
Low Voltage Service Rate	\$/kWh	0.0024
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	-0.0001
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) effective until April 30, 2013	\$/kWh	0.0001
Rate Rider for Deferred PILS Variance Account - effective until April 30, 2014	\$/kWh	-0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
Effective Date December 1, 2012
Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate – Network Service Rate and the Retail Transmission Rate – Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 1,000 kW non-interval metered
 General Service 50 to 1,000 kW interval metered
 General Service > 1,000 to 5,000 kW interval metered.

Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	95.65
Distribution Volumetric Rate	\$/kW	3.8760
Low Voltage Service Rate	\$/kW	1.1222
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) effective until April 30, 2013	\$/kW	0.0056
Rate Rider for Deferred PILS Variance Account - effective until April 30, 2014	\$/kW	-0.1407
Retail Transmission Rate – Network Service Rate	\$/kW	2.0282
Retail Transmission Rate – Network Service Rate – Interval Metered < 1,000 kW Rate	\$/kW	2.1515
Retail Transmission Rate – Network Service Rate – Interval Metered > 1,000 kW	\$/kW	2.1540
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3043
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered < 1,000 kW	\$/kW	1.4414
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered > 1,000 kW	\$/kW	1.4298

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
 Effective Date December 1, 2012
 Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2.01
Distribution Volumetric Rate	\$/kWh	0.0229
Low Voltage Service Rate	\$/kWh	0.0024
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	-0.0001
Rate Rider for Deferred PILS Variance Account - effective until April 30, 2014	\$/kWh	-0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
 Effective Date December 1, 2012
 Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential, General Service or Large Use customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.01
Distribution Volumetric Rate	\$/kW	30.0867
Low Voltage Service Rate	\$/kW	0.7192
Rate Rider for Deferred PILS Variance Account - effective until April 30, 2014	\$/kW	-1.3135
Retail Transmission Rate – Network Service Rate	\$/kW	1.5161
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0323

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
Effective Date December 1, 2012
Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.51
Distribution Volumetric Rate	\$/kW	44.2793
Low Voltage Service Rate	\$/kW	0.8406
Rate Rider for Deferred PILS Variance Account - effective until April 30, 2014	\$/kW	-1.8146
Retail Transmission Rate – Network Service Rate	\$/kW	1.5297
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0081

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
Effective Date December 1, 2012
Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0265

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Programs, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
----------------	----	------

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
 Effective Date December 1, 2012
 Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0285

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00

Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	#####
Rural system expansion / line connection fee	\$	500.00
Specific Charge for Access to the Power Poles - per pole/year	\$	22.35

Brant County Power Inc.
TARIFF OF RATES AND CHARGES
Effective Date December 1, 2012
Implementation Date December 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factor will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0495
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0173
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0390
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0772

Appendix B

Revised Smart Meter Model



Smart Meter Model for Electricity Distributors (2013 Filers)

Version 3.00

Utility Name	Brant County Power
Assigned EB Number	EB-2012-025
Name and Title	Ian McKenzie - CFO
Phone Number	519-442-2215
Email Address	imckenzie@brantcountypower.com
Date	November 15 2012
Last COS Re-based Year	2011

Note: Drop-down lists are shaded blue; Input cells are shaded green.

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.



Smart Meter Model for Electricity Distributors (2013 Filers)

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs, except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and O&M&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for O&M&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted O&M&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data

Smart Meter Installation Plan

Actual/Planned number of Smart Meters installed during the Calendar Year

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast	Total
Residential					7,908	38	52		7986
General Service < 50 kW					1,255	380	11		1626
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	0	0	0	0	9143	406	63	0	9612
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.00%	0.00%	0.00%	0.00%	95.12%	99.34%	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	0	9143	406	63	0	9612

1 Capital Costs

1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

Asset Type
Asset type must be used for calculations

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast
1.1.1 Smart Meters (may include new meters and modules, etc.)					169,944	58,785
1.1.2 Installation Costs (may include solar kit, labour, vehicle, benefits, etc.)					728,591	
1.1.3a Workforce Automation Hardware (may include fieldwork handsets, barcode hardware, etc.)					147,111	
1.1.3b Workforce Automation Software (may include fieldwork handsets, barcode hardware, etc.)						
Total Advanced Metering Communications Devices (AMCD)	\$ -	\$ -	\$ -	\$ -	\$ 214,125	\$ 58,785

1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (Includes LAN)

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast
1.2.1 Collectors					18,827	
1.2.2 Repeaters (may include radio license, etc.)						
1.2.3 Installation (may include meter units and trim, collector computer hardware, etc.)						
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)	\$ -	\$ -	\$ -	\$ -	\$ 18,827	\$ -

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)									
1.3.1 Computer Hardware									
1.3.2 Computer Software									
1.3.3 Computer Software Licenses & Installation (includes hardware and software) <i>(may include Advanced metering control computer, UPS, etc.)</i>									
Total Advanced Metering Control Computer (AMCC)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.4 WIDE AREA NETWORK (WAN)									
1.4.1 Activation Fees									
Total Wide Area Network (WAN)	\$ -	\$ -	\$ 85,021	\$ -	\$ 85,021	\$ -	\$ 82,246	\$ -	\$ 177,287

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY									
1.5.1 Customer Equipment (including meter or damaged equipment)									
1.5.2 AMI Interface to CIS									
1.5.3 Professional Fees									
1.5.4 Integration									
1.5.5 Program Management									
1.5.6 Other AMI Capital									
Total Other AMI Capital Costs Related to Minimum Functionality	\$ -	\$ 8,827	\$ -	\$ 4,538	\$ 62,181	\$ -	\$ 43,283	\$ -	\$ 109,975
Total Capital Costs Related to Minimum Functionality	\$ -	\$ 8,827	\$ -	\$ 8,827	\$ 1,232,765	\$ -	\$ 358,481	\$ 58,785	\$ 1,658,878

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY									
1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Pag 423.06									
1.6.2 Costs for deployment of smart meters to customers other than residential and small general service									
1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDMIR, etc.									
Total Capital Costs Beyond Minimum Functionality	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Smart Meter Capital Costs	\$ -	\$ 8,827	\$ 1,232,765	\$ -	\$ 358,481	\$ 58,785	\$ -	\$ -	\$ 1,658,878

Please provide a descriptive list and quantity of any beyond minimum functionality costs.

1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Pag 423.06

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

1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDMIR, etc.

2 OM&A Expenses

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)									
2.1.1 Maintenance (may include meter verification costs, etc.)			12,065	21,898				9,344	138,541
2.1.2 Other (please specify)									
Total Incremental AMCD OM&A Costs			\$ 12,065	\$ 21,898				\$ 9,344	\$ 138,541
2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)									
2.2.1 Maintenance								10,362	40,950
2.2.2 Other (please specify)									
Total Incremental AMRC OM&A Costs								\$ 10,362	\$ 40,950
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.)	11,858							1,239	20,822
2.3.2 Other (please specify)									
Total Incremental AMCC OM&A Costs	\$ 11,858							\$ 1,239	\$ 20,822
2.4 WIDE AREA NETWORK (WAN)									
2.4.1 WAN Maintenance									
2.4.2 Other (please specify)									
Total Incremental WAN 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	2,444	11,749	10,390	20,508					10,390
2.5.4 Change Management (may include training, etc.)			8,825						81,534
2.5.5 Administration Costs									
2.5.6 Other AMI Expenses (please specify)	2,444	11,749	22,449	20,508					3,368
Total Other AMI OM&A Costs Related to Minimum Functionality	\$ 2,444	\$ 11,749	\$ 22,449	\$ 20,508					\$ 95,282
TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY	\$ 14,302	\$ 11,749	\$ 34,514	\$ 42,406				\$ 20,945	\$ 295,605
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 MDWR, etc.									
Total OM&A Costs Beyond Minimum Functionality									
Total Smart Meter OM&A Costs	\$ 14,302	\$ 11,749	\$ 34,514	\$ 42,406				\$ 20,945	\$ 295,605

3 Aggregate Smart Meter Costs by Category

3.1	Capital																				
3.1.1	Smart Meter	\$	-	\$	-	\$	-	\$	976,692	\$	214,125	\$	58,795	\$	-	\$	-	\$	-	\$	1,148,692
3.1.2	Computer Hardware	\$	-	\$	-	\$	-	\$	86,021	\$	92,246	\$	-	\$	-	\$	-	\$	-	\$	177,267
3.1.3	Computer Software	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.4	Tools & Equipment	\$	-	\$	-	\$	8,827	\$	272,072	\$	62,110	\$	-	\$	-	\$	-	\$	-	\$	343,009
3.1.5	Other Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.6	Applications Software	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.7	Total Capital Costs	\$	-	\$	-	\$	8,827	\$	1,232,785	\$	369,481	\$	58,795	\$	-	\$	-	\$	-	\$	1,668,678
3.2	OM&A Costs	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.2.1	Total OM&A Costs	\$	14,302	\$	11,749	\$	42,406	\$	34,514	\$	156,773	\$	20,345	\$	-	\$	-	\$	-	\$	295,005



Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Cost of Capital								
Capital Structure¹								
Deemed Short-term Debt Capitalization	50.0%	50.0%	53.3%	56.7%	60.0%	56.0%	56.0%	56.0%
Deemed Long-term Debt Capitalization	50.0%	50.0%	46.7%	43.3%	40.0%	40.0%	40.0%	40.0%
Deemed Equity Capitalization	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Preferred Shares	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Total								
Cost of Capital Parameters								
Deemed Short-term Debt Rate	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
Long-term Debt Rate (actual/embedded/deemed) ²	9.0%	9.00%	9.00%	9.00%	9.00%	9.58%	9.58%	9.58%
Target Return on Equity (ROE)	7.63%	7.63%	7.53%	7.44%	7.35%	6.91%	6.91%	6.91%
Return on Preferred Shares								
WACC	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
Working Capital Allowance								
Working Capital Allowance Rate (% of the sum of Cost of Power + controllable expenses)	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
Taxes/PIs								
Aggregate Corporate Income Tax Rate	29.27%	29.27%	29.27%	29.27%	29.27%	21.00%	15.50%	15.50%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%	0.00%

Depreciation Rates

(expressed as expected useful life in years)

Smart Meters	- years	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%		
Computer Hardware	- years	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%
Computer Software	- years	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%
Tools & Equipment	- years	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%	15	6.67%
Other Equipment	- years	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%	5	20.00%
	- rate (%)																										

CCA Rates

Smart Meters - CCA Class	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%	47	8%
Smart Meters - CCA Rate	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%
Computer Equipment - CCA Class	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%
Computer Equipment - CCA Rate	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%
General Equipment - CCA Class	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%	26	55%
General Equipment - CCA Rate	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%
Applications Software - CCA Class	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%	12	100%
Applications Software - CCA Rate	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%	8	20%

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.

Smart Meter Model for Electricity Distributors (2013 Filers)



	2006	2007	2008	2009	2010	2011	2012	2013
Net Fixed Assets - Smart Meters								
Gross Book Value								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 875,692	\$ 875,692	\$ 1,089,817	\$ 1,148,602
Capital Additions during year (from Smart Meter Costs)	-	-	-	-	-	214,125	58,785	-
Retirements/Removals (if applicable)	-	-	-	-	875,692	-	-	-
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 875,692	\$ 1,089,817	\$ 1,148,602	\$ 1,148,602
Accumulated Depreciation								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 29,190	\$ 29,190	\$ 94,707	\$ 169,321
Amortization expense during year	-	-	-	-	29,190	65,517	74,614	76,573
Retirements/Removals (if applicable)	-	-	-	-	-	-	-	-
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 29,190	\$ 94,707	\$ 169,321	\$ 245,894
Net Book Value								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 846,502	\$ 846,502	\$ 995,110	\$ 979,281
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 846,502	\$ 995,110	\$ 979,281	\$ 902,708
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ 423,251	\$ 920,806	\$ 967,196	\$ 940,995
Net Fixed Assets - Computer Hardware								
Gross Book Value								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 85,021	\$ 85,021	\$ 177,267	\$ 177,267
Capital Additions during year (from Smart Meter Costs)	-	-	-	-	-	92,246	-	-
Retirements/Removals (if applicable)	-	-	-	-	-	-	-	-
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 85,021	\$ 177,267	\$ 177,267	\$ 177,267
Accumulated Depreciation								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 8,502	\$ 8,502	\$ 34,731	\$ 70,184
Amortization expense during year	-	-	-	-	8,502	26,229	35,453	35,453
Retirements/Removals (if applicable)	-	-	-	-	-	-	-	-
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 8,502	\$ 34,731	\$ 70,184	\$ 105,638
Net Book Value								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 76,519	\$ 76,519	\$ 142,536	\$ 107,083
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 76,519	\$ 142,536	\$ 107,083	\$ 71,629
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ 38,259	\$ 109,528	\$ 124,809	\$ 89,356

Net Fixed Assets - Computer Software (including Applications Software)

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 - Tools and Equipment

Gross Book Value		
Opening Balance	\$ 8,827	\$ 8,827
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -
Retirements/Removals (if applicable)	\$ 8,827	\$ 8,827
Closing Balance	\$ -	\$ -
Accumulated Depreciation		
Opening Balance	\$ -	\$ -
Amortization expense during year	\$ 294	\$ 294
Retirements/Removals (if applicable)	\$ 9,658	\$ 9,658
Closing Balance	\$ 9,952	\$ 9,952
Net Book Value		
Opening Balance	\$ 8,827	\$ 8,827
Closing Balance	\$ -	\$ -
Average Net Book Value	\$ 4,660	\$ 4,660

Net Fixed Assets - Other Equipment

Gross Book Value		
Opening Balance	\$ 30,749	\$ 30,749
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -
Retirements/Removals (if applicable)	\$ 30,749	\$ 30,749
Closing Balance	\$ -	\$ -
Accumulated Depreciation		
Opening Balance	\$ -	\$ -
Amortization expense during year	\$ 9,952	\$ 9,952
Retirements/Removals (if applicable)	\$ 22,867	\$ 22,867
Closing Balance	\$ 53,616	\$ 53,616
Net Book Value		
Opening Balance	\$ 30,749	\$ 30,749
Closing Balance	\$ -	\$ -
Average Net Book Value	\$ 15,374	\$ 15,374

Net Fixed Assets - Other Equipment

Gross Book Value		
Opening Balance	\$ 289,393	\$ 289,393
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -
Retirements/Removals (if applicable)	\$ 289,393	\$ 289,393
Closing Balance	\$ -	\$ -
Accumulated Depreciation		
Opening Balance	\$ -	\$ -
Amortization expense during year	\$ -	\$ -
Retirements/Removals (if applicable)	\$ -	\$ -
Closing Balance	\$ -	\$ -
Net Book Value		
Opening Balance	\$ 289,393	\$ 289,393
Closing Balance	\$ -	\$ -
Average Net Book Value	\$ 144,696	\$ 144,696



Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Average Net Fixed Asset Values (from Sheet 4)								
Smart Meters	\$ -	\$ -	\$ -	\$ -	\$ 423,251	\$ 920,806	\$ 987,196	\$ 940,995
Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ 38,259	\$ 109,528	\$ 124,809	\$ 89,356
Computer Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ 4,266	\$ 139,740	\$ 291,604	\$ 300,827	\$ 277,959
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ -	\$ -	\$ 4,266	\$ 601,251	\$ 1,321,938	\$ 1,412,832	\$ 1,308,310
Working Capital								
Operating Expenses (from Sheet 2)	\$ 14,302	\$ 11,749	\$ 14,916	\$ 42,406	\$ 34,514	\$ 156,773	\$ 20,945	\$ -
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ 2,145	\$ 1,762	\$ 2,237	\$ 6,361	\$ 5,177	\$ 23,516	\$ 3,142	\$ -
Incremental Smart Meter Rate Base	\$ 2,145	\$ 1,762	\$ 2,237	\$ 10,627	\$ 606,428	\$ 1,345,454	\$ 1,415,974	\$ 1,308,310
Return on Rate Base								
Capital Structure								
Deemed Short Term Debt	\$ -	\$ 881	\$ 1,193	\$ -	\$ -	\$ 53,818	\$ 56,639	\$ 52,332
Deemed Long Term Debt	\$ 1,073	\$ 881	\$ 1,045	\$ 6,026	\$ 363,857	\$ 753,454	\$ 792,945	\$ 739,654
Equity	\$ -	\$ -	\$ -	\$ 4,602	\$ 242,571	\$ 538,181	\$ 566,389	\$ 523,324
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ 2,145	\$ 1,762	\$ 2,237	\$ 10,627	\$ 606,428	\$ 1,345,454	\$ 1,415,974	\$ 1,308,310
Return on								
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,324	\$ 1,393	\$ 1,287
Deemed Long Term Debt	\$ 67	\$ 55	\$ 75	\$ 377	\$ 22,741	\$ 40,084	\$ 42,185	\$ 38,977
Equity	\$ 97	\$ 79	\$ 94	\$ 414	\$ 21,831	\$ 51,558	\$ 54,260	\$ 50,134
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ 164	\$ 134	\$ 169	\$ 791	\$ 44,572	\$ 92,965	\$ 97,838	\$ 90,399
Operating Expenses								
Amortization Expenses (from Sheet 4)								
Smart Meters	\$ -	\$ -	\$ -	\$ -	\$ 29,190	\$ 65,517	\$ 74,614	\$ 76,573
Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ 8,502	\$ 26,229	\$ 35,453	\$ 35,453
Computer Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ 294	\$ 9,658	\$ 20,797	\$ 22,867	\$ 22,867
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ -	\$ -	\$ 294	\$ 47,349	\$ 112,543	\$ 132,935	\$ 134,894
Incremental Revenue Requirement before Taxes/PILS								
	\$ 14,466	\$ 11,983	\$ 15,085	\$ 43,491	\$ 126,436	\$ 382,281	\$ 251,718	\$ 225,293
Calculation of Taxable Income								
Incremental Operating Expenses	\$ 14,302	\$ 11,749	\$ 14,916	\$ 42,406	\$ 34,514	\$ 156,773	\$ 20,945	\$ -
Amortization Expense	\$ -	\$ -	\$ -	\$ 294	\$ 47,349	\$ 112,543	\$ 132,935	\$ 134,894
Interest Expense	\$ 67	\$ 55	\$ 75	\$ 377	\$ 22,741	\$ 41,408	\$ 43,578	\$ 40,265
Net Income for Taxes/PILS	\$ 97	\$ 79	\$ 94	\$ 414	\$ 21,831	\$ 51,558	\$ 54,260	\$ 50,134
Grossed-up Taxes/PILS (from Sheet 7)								
	\$ 39,95	\$ 32,82	\$ 38,92	\$ 52,94	\$ 6,563,24	\$ 7,294,84	\$ 570,76	\$ 8,060,73
Revenue Requirement, including Grossed-up Taxes/PILS								
	\$ 14,505	\$ 11,916	\$ 15,123	\$ 43,438	\$ 119,973	\$ 354,986	\$ 252,289	\$ 233,354



Smart Meter Model for Electricity Distributors (2013 Filers)

For PILs Calculation

UCC - Smart Meters

	2006	2007	2008	2009	2010	2011	2012	2013
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,664.32	\$ 978,971.17	\$ 957,087.08
Capital Additions	\$ -	\$ -	\$ -	\$ -	\$ 875,692.00	\$ 214,125.00	\$ 58,785.00	\$ -
Retirements/Removals (if applicable)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ 875,692.00	\$ 1,054,789.32	\$ 1,037,756.17	\$ 957,087.08
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ 437,846.00	\$ 107,062.50	\$ 29,392.50	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ 437,846.00	\$ 947,726.82	\$ 1,008,363.67	\$ 957,087.08
CCA Rate Class	47	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ -	\$ -	\$ -	\$ 35,027.68	\$ 75,818.15	\$ 80,669.09	\$ 76,566.97
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ 840,664.32	\$ 978,971.17	\$ 957,087.08	\$ 880,520.11

UCC - Computer Equipment

	2006	2007	2008	2009	2010	2011	2012	2013
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,640.23	\$ 94,616.45	\$ 42,577.40
Capital Additions	\$ -	\$ -	\$ -	\$ -	\$ 85,021.00	\$ 92,246.00	\$ -	\$ -
Retirements/Removals (if applicable)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ 85,021.00	\$ 153,886.23	\$ 94,616.45	\$ 42,577.40
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ 42,510.50	\$ 46,123.00	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ 42,510.50	\$ 107,763.23	\$ 94,616.45	\$ 42,577.40
CCA Rate Class	26	26	26	26	26	26	26	26
CCA Rate	55%	55%	55%	55%	55%	55%	55%	55%
CCA	\$ -	\$ -	\$ -	\$ -	\$ 23,380.78	\$ 59,269.77	\$ 52,039.05	\$ 23,417.57
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ 61,640.23	\$ 94,616.45	\$ 42,577.40	\$ 19,159.83



Smart Meter Model for Electricity Distributors (2013 Filers)

PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
INCOME TAX								
Net Income	\$ 96.54	\$ 79.31	\$ 94.04	\$ 414.15	\$ 21,831.40	\$ 51,557.78	\$ 54,260.11	\$ 50,134.44
Amortization	-	-	-	294.23	47,349.37	112,542.70	132,934.63	134,894.13
CCA - Smart Meters	-	-	-	-	-	75,818.15	-	76,566.97
CCA - Computers	-	-	-	-	23,380.78	59,269.77	52,039.05	23,417.57
CCA - Applications Software	-	-	-	-	-	-	-	-
CCA - Other Equipment	-	-	-	862.70	28,796.06	56,455.05	51,375.04	41,100.03
Change in taxable income	\$ 96.54	\$ 79.31	\$ 94.04	\$ 174.32	\$ 18,023.75	\$ 27,442.49	\$ 3,111.56	\$ 43,944.00
Tax Rate (from Sheet 3)	29.27%	29.27%	29.27%	29.27%	29.27%	21.00%	15.50%	15.50%
Income Taxes Payable	\$ 28.26	\$ 23.21	\$ 27.52	\$ 51.02	\$ 5,275.55	\$ 5,762.92	\$ 482.29	\$ 6,811.32
ONTARIO CAPITAL TAX								
Smart Meters	-	-	-	-	\$ 846,502.27	\$ 995,110.30	\$ 979,281.33	\$ 902,707.87
Computer Hardware	-	-	-	-	76,518.90	142,536.10	107,082.70	71,629.30
Computer Software (Including Application Software)	-	-	-	-	-	-	-	-
Tools & Equipment	-	-	-	8,532.77	270,947.23	312,260.30	289,393.03	266,525.77
Other Equipment	-	-	-	-	-	-	-	-
Rate Base	-	-	-	-	\$ 1,193,968.40	\$ 1,449,906.70	\$ 1,375,757.07	\$ 1,240,862.93
Less: Exemption	-	-	-	-	-	-	-	-
Deemed Taxable Capital	\$ -	\$ -	\$ -	\$ 8,532.77	\$ 1,193,968.40	\$ 1,449,906.70	\$ 1,375,757.07	\$ 1,240,862.93
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ -	\$ 19.20	\$ 895.48	\$ -	\$ -	\$ -
Change in Income Taxes Payable	\$ 28.26	\$ 23.21	\$ 27.52	\$ 51.02	\$ 5,275.55	\$ 5,762.92	\$ 482.29	\$ 6,811.32
Change in OCT	-	-	-	19.20	895.48	-	-	-
PILs	\$ 28.26	\$ 23.21	\$ 27.52	\$ 31.83	\$ 4,380.08	\$ 5,762.92	\$ 482.29	\$ 6,811.32
Gross Up PILs								
Tax Rate	29.27%	29.27%	29.27%	29.27%	29.27%	21.00%	15.50%	15.50%
Change in Income Taxes Payable	\$ 39.95	\$ 32.82	\$ 38.92	\$ 72.14	\$ 7,456.72	\$ 7,294.84	\$ 570.76	\$ 8,060.73
Change in OCT	-	-	-	19.20	895.48	-	-	-
PILs	\$ 39.95	\$ 32.82	\$ 38.92	\$ 52.94	\$ 6,563.24	\$ 7,294.84	\$ 570.76	\$ 8,060.73

Smart Meter Model for Electricity Distributors (2013 Filers)



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
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	\$ -	\$ 2,012.66	4.14%	\$ -	\$ 2,012.66		\$ 0.26
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ 2,012.66	\$ 2,012.66	4.14%	\$ 6.94	\$ 4,032.25		\$ 0.26
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 4,025.31	\$ 2,012.66	4.59%	\$ 15.40	\$ 6,063.37		\$ 0.26
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 6,037.97	\$ 2,012.66	4.59%	\$ 23.10	\$ 8,073.73		\$ 0.26
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 8,050.63	\$ 2,012.66	4.59%	\$ 30.79	\$ 10,084.07		\$ 0.26
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 10,063.28	\$ 2,012.66	4.59%	\$ 38.49	\$ 12,114.43		\$ 0.26
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 12,075.94	\$ 2,012.66	4.59%	\$ 46.19	\$ 14,134.78		\$ 0.26
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 14,088.59	\$ 2,012.66	4.59%	\$ 53.89	\$ 16,155.14	\$ 16,316.05	\$ 0.26
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 16,101.25	\$ 2,315.50	4.59%	\$ 61.59	\$ 18,478.34		\$ 0.26
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 18,416.75	\$ 2,329.50	4.59%	\$ 70.44	\$ 20,816.69		\$ 0.26
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 20,746.25	\$ 2,331.25	4.59%	\$ 79.35	\$ 23,166.85		\$ 0.26
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 23,077.50	\$ 2,324.50	4.59%	\$ 88.27	\$ 25,490.27		\$ 0.26
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 25,402.00	\$ 2,321.25	4.59%	\$ 97.16	\$ 27,820.41		\$ 0.26
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 27,723.25	\$ 2,329.50	4.59%	\$ 106.04	\$ 30,168.79		\$ 0.26
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 30,052.75	\$ 2,332.25	4.59%	\$ 114.95	\$ 32,499.95		\$ 0.26
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 32,385.00	\$ 2,332.25	4.59%	\$ 123.87	\$ 34,841.12		\$ 0.26
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 34,717.25	\$ 2,329.00	4.59%	\$ 132.79	\$ 37,179.04		\$ 0.26
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 37,046.25	\$ 1,587.50	5.14%	\$ 158.68	\$ 38,792.43		\$ 0.26
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 38,633.75	\$ 3,088.50	5.14%	\$ 165.48	\$ 41,887.73		\$ 0.26
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	\$ 41,722.25	\$ 2,334.75	5.14%	\$ 178.71	\$ 44,235.71	\$ 29,333.08	\$ 0.26
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	\$ 44,057.00	\$ 2,347.50	5.14%	\$ 188.71	\$ 46,593.21		\$ 0.26
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	\$ 46,404.50	\$ 2,346.25	5.14%	\$ 198.77	\$ 48,949.52		\$ 0.26
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	\$ 48,750.75	\$ 2,348.75	5.14%	\$ 208.82	\$ 51,308.32		\$ 0.26
2012 Q4			Apr-08	2008	Q2	\$ 51,099.50	\$ 2,354.00	4.08%	\$ 173.74	\$ 53,627.24		\$ 0.26
2013 Q1			May-08	2008	Q2	\$ 53,453.50	\$ 2,348.75	4.08%	\$ 181.74	\$ 55,983.99		\$ 0.26
2013 Q2			Jun-08	2008	Q2	\$ 55,802.25	\$ 2,352.00	4.08%	\$ 189.73	\$ 58,343.98		\$ 0.26
2013 Q3			Jul-08	2008	Q3	\$ 58,154.25	\$ 2,353.75	3.35%	\$ 162.35	\$ 60,670.35		\$ 0.26
2013 Q4			Aug-08	2008	Q3	\$ 60,508.00	\$ 2,356.25	3.35%	\$ 168.92	\$ 63,033.17		\$ 0.26

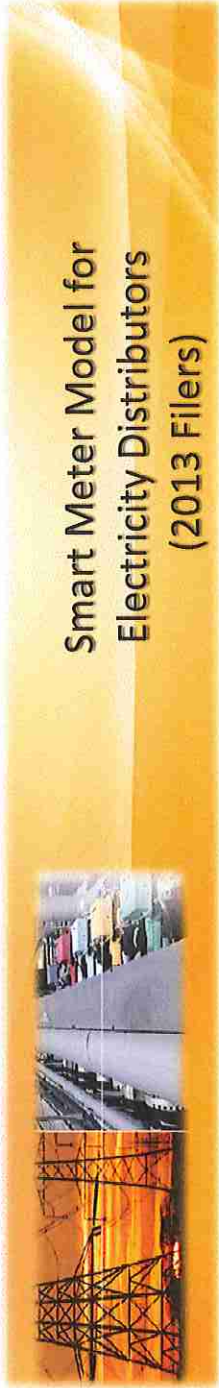
Smart Meter Model for Electricity Distributors (2013 Filers)



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Date	Year	Quarter	Approved Deferral and Variance Accounts	CWIP	Interest Rates	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder
Sep-08	2008	Q3				\$ 62,864.25	\$ 2,351.00	3.35%	\$ 175.50	\$ 65,390.75		\$ 0.26
Oct-08	2008	Q4				\$ 65,215.25	\$ 2,350.50	3.35%	\$ 182.06	\$ 67,747.81		\$ 0.26
Nov-08	2008	Q4				\$ 67,565.75	\$ 2,361.25	3.35%	\$ 188.62	\$ 70,115.62		\$ 0.26
Dec-08	2008	Q4				\$ 69,927.00	\$ 2,364.00	3.35%	\$ 195.21	\$ 72,486.21	\$ 30,448.17	\$ 0.26
Jan-09	2009	Q1				\$ 72,291.00	\$ 2,364.50	2.45%	\$ 147.59	\$ 74,803.09		\$ 0.26
Feb-09	2009	Q1				\$ 74,655.50	\$ 2,369.75	2.45%	\$ 152.42	\$ 77,177.67		\$ 0.26
Mar-09	2009	Q1				\$ 77,025.25	\$ 2,371.25	2.45%	\$ 157.26	\$ 79,553.76		\$ 0.26
Apr-09	2009	Q2				\$ 79,396.50	\$ 2,373.50	1.00%	\$ 66.16	\$ 81,836.16		\$ 0.26
May-09	2009	Q2				\$ 81,770.00	\$ 2,366.75	1.00%	\$ 68.14	\$ 84,204.89		\$ 0.26
Jun-09	2009	Q2				\$ 84,136.75	\$ 2,371.25	1.00%	\$ 70.11	\$ 86,578.11		\$ 0.26
Jul-09	2009	Q3				\$ 86,508.00	\$ 2,380.50	0.55%	\$ 39.65	\$ 88,928.15		\$ 0.26
Aug-09	2009	Q3				\$ 88,888.50	\$ 2,373.50	0.55%	\$ 40.74	\$ 91,302.74		\$ 0.26
Sep-09	2009	Q3				\$ 91,262.00	\$ 2,371.25	0.55%	\$ 41.83	\$ 93,675.08		\$ 0.26
Oct-09	2009	Q4				\$ 93,633.25	\$ 2,383.50	0.55%	\$ 42.92	\$ 96,059.67		\$ 0.26
Nov-09	2009	Q4				\$ 96,016.75	\$ 2,373.00	0.55%	\$ 44.01	\$ 98,433.76		\$ 0.26
Dec-09	2009	Q4				\$ 98,389.75	\$ 2,390.75	0.55%	\$ 45.10	\$ 100,825.60	\$ 29,405.43	\$ 0.26
Jan-10	2010	Q1				\$ 100,780.50	\$ 2,385.00	0.55%	\$ 46.19	\$ 103,211.69		\$ 0.26
Feb-10	2010	Q1				\$ 103,165.50	\$ 2,394.00	0.55%	\$ 47.28	\$ 105,606.78		\$ 0.26
Mar-10	2010	Q1				\$ 105,559.50	\$ 2,392.75	0.55%	\$ 48.38	\$ 108,000.63		\$ 0.26
Apr-10	2010	Q2				\$ 107,952.25	\$ 2,395.50	0.55%	\$ 49.48	\$ 110,397.23		\$ 0.26
May-10	2010	Q2				\$ 110,347.75	\$ 2,471.56	0.55%	\$ 50.58	\$ 112,869.89		\$ 1.00
Jun-10	2010	Q2				\$ 112,819.31	\$ 2,824.64	0.55%	\$ 51.71	\$ 115,695.66		\$ 1.00
Jul-10	2010	Q3				\$ 115,643.95	\$ 3,530.80	0.89%	\$ 85.77	\$ 119,260.52		\$ 1.00
Aug-10	2010	Q3				\$ 119,174.75	\$ 9,653.00	0.89%	\$ 88.39	\$ 128,916.14		\$ 1.00
Sep-10	2010	Q3				\$ 128,827.75	\$ 9,646.00	0.89%	\$ 95.55	\$ 138,569.30		\$ 1.00
Oct-10	2010	Q4				\$ 138,473.75	\$ 9,677.00	1.20%	\$ 138.47	\$ 148,289.22		\$ 1.00
Nov-10	2010	Q4				\$ 148,150.75	\$ 9,677.00	1.20%	\$ 148.15	\$ 157,975.90		\$ 1.00
Dec-10	2010	Q4				\$ 157,827.75	\$ 9,667.00	1.20%	\$ 157.83	\$ 167,652.58	\$ 67,722.03	\$ 1.00
Jan-11	2011	Q1				\$ 167,494.75	\$ 9,677.00	1.47%	\$ 205.18	\$ 177,376.93		\$ 1.00
Feb-11	2011	Q1				\$ 177,171.75	\$ 9,677.00	1.47%	\$ 217.04	\$ 187,065.79		\$ 1.00
Mar-11	2011	Q1				\$ 186,848.75	\$ 9,677.00	1.47%	\$ 228.89	\$ 196,754.64		\$ 1.00
Apr-11	2011	Q2				\$ 196,525.75	\$ 9,677.00	1.47%	\$ 240.74	\$ 206,443.49		\$ 1.00
May-11	2011	Q2				\$ 206,202.75	\$ 9,677.00	1.47%	\$ 252.60	\$ 216,132.35		\$ 1.00



Smart Meter Model for Electricity Distributors (2013 Filers)

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
			Jun-11	2011	Q2	\$ 215,879.75	\$ 9,677.00	1.47%	\$ 264.45	\$ 225,821.20		\$ 1.00
			Jul-11	2011	Q3	\$ 225,556.75	\$ 9,677.00	1.47%	\$ 276.31	\$ 235,510.06		\$ 1.00
			Aug-11	2011	Q3	\$ 235,233.75	\$ 9,677.00	1.47%	\$ 288.16	\$ 245,198.91		\$ 1.00
			Sep-11	2011	Q3	\$ 244,910.75	\$ 9,677.00	1.47%	\$ 300.02	\$ 254,887.77		\$ 1.00
			Oct-11	2011	Q4	\$ 254,587.75	\$ 9,677.00	1.47%	\$ 311.87	\$ 264,576.62		\$ 1.00
			Nov-11	2011	Q4	\$ 264,264.75	\$ 9,677.00	1.47%	\$ 323.72	\$ 274,265.47		\$ 1.00
			Dec-11	2011	Q4	\$ 273,941.75	\$ 9,677.00	1.47%	\$ 335.58	\$ 283,954.33	\$ 119,368.56	\$ 1.00
			Jan-12	2012	Q1	\$ 283,618.75	\$ 9,677.00	1.47%	\$ 347.43	\$ 293,643.18		\$ 1.00
			Feb-12	2012	Q1	\$ 293,295.75	\$ 9,677.00	1.47%	\$ 359.29	\$ 303,332.04		\$ 1.00
			Mar-12	2012	Q1	\$ 302,972.75	\$ 9,677.00	1.47%	\$ 371.14	\$ 313,020.89		\$ 1.00
			Apr-12	2012	Q2	\$ 312,649.75	\$ 9,677.00	1.47%	\$ 383.00	\$ 322,709.75		\$ 1.00
			May-12	2012	Q2	\$ 322,326.75	\$ 9,677.00	1.47%	\$ 394.85	\$ 332,398.60		\$ 1.00
			Jun-12	2012	Q2	\$ 332,003.75	\$ 9,677.00	1.47%	\$ 406.70	\$ 342,087.45		\$ 1.00
			Jul-12	2012	Q3	\$ 341,680.75	\$ 9,677.00	1.47%	\$ 418.56	\$ 351,776.31		\$ 1.00
			Aug-12	2012	Q3	\$ 351,357.75	\$ 9,677.00	1.47%	\$ 430.41	\$ 361,465.16		\$ 1.00
			Sep-12	2012	Q3	\$ 361,034.75	\$ 9,677.00	1.47%	\$ 442.27	\$ 371,154.02		\$ 1.00
			Oct-12	2012	Q4	\$ 370,711.75	\$ 9,677.00	1.47%	\$ 454.12	\$ 380,842.87		\$ 1.00
			Nov-12	2012	Q4	\$ 380,388.75		1.47%	\$ 465.98	\$ 380,854.73		\$ 1.00
			Dec-12	2012	Q4	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75	\$ 101,243.75	
			Jan-13	2013	Q1	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Feb-13	2013	Q1	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Mar-13	2013	Q1	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Apr-13	2013	Q2	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			May-13	2013	Q2	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Jun-13	2013	Q2	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Jul-13	2013	Q3	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Aug-13	2013	Q3	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Sep-13	2013	Q3	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Oct-13	2013	Q4	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Nov-13	2013	Q4	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75		
			Dec-13	2013	Q4	\$ 380,388.75		0.00%	\$ -	\$ 380,388.75	\$	
Total Funding Adder Revenues Collected						\$ 380,388.75		\$ 13,448.32	\$ 393,837.07	\$ 393,837.07		

Smart Meter Model for Electricity Distributors (2013 Filers)



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 Deferral and 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%	4.69%	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	0.00%	0.00%	Apr-08	2008	Q2	-				4.08%	-	-
2013 Q1	0.00%	0.00%	May-08	2008	Q2	-				4.08%	-	-
2013 Q2	0.00%	0.00%	Jun-08	2008	Q2	-				4.08%	-	-
2013 Q3	0.00%	0.00%	Jul-08	2008	Q3	-				3.35%	-	-
2013 Q4	0.00%	0.00%	Aug-08	2008	Q3	-				3.35%	-	-
			Sep-08	2008	Q3	-				3.35%	-	-
			Oct-08	2008	Q4	-				3.35%	-	-
			Nov-08	2008	Q4	-				3.35%	-	-

1

99

1

99

1

99

Smart Meter Model for Electricity Distributors (2013 Filers)



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 Annual Prescribed Interest Rate for Deferral and Variance Accounts (from Sheets 8A and 8B)	Simple Interest on OM&A and Amortization Expenses
2006	\$ 14,302.00	\$ -	\$ 14,302.00	\$ 7,151.00	4.37%	\$ 312.14
2007	\$ 11,749.00	\$ -	\$ 26,051.00	\$ 20,176.50	4.73%	\$ 953.84
2008	\$ 14,916.00	\$ -	\$ 40,967.00	\$ 33,509.00	3.98%	\$ 1,333.66
2009	\$ 42,406.00	\$ 294.23	\$ 83,667.23	\$ 62,317.12	1.14%	\$ 708.86
2010	\$ 34,514.00	\$ 47,349.37	\$ 165,530.60	\$ 124,598.92	0.80%	\$ 993.68
2011	\$ 156,773.00	\$ 112,542.70	\$ 434,846.30	\$ 300,188.45	1.47%	\$ 4,412.77
2012	\$ 20,945.00	\$ 132,934.63	\$ 588,725.93	\$ 511,786.12	1.35%	\$ 6,896.32
2013	\$ -	\$ 134,894.13	\$ 723,620.07	\$ 656,173.00	0.00%	\$ -
Cumulative Interest to 2011						\$ 8,714.95
Cumulative Interest to 2012						\$ 15,611.27
Cumulative Interest to 2013						\$ 15,611.27



Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the Smart Meter Disposition Rider and the Smart Meter Incremental Revenue Requirement Rate Rider, if applicable. This worksheet also calculates any new 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 O&M&A.

	2006	2007	2008	2009	2010	2011	2012	2013	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ 14,505.53	\$ 11,916.20	\$ 15,123.49	\$ 43,438.04	\$ 119,872.56	\$ 354,986.32	\$ 252,286.51	\$ 233,353.86	\$ 812,130.64
Interest on Deferred and forecasted O&M&A and Amortization Expense (Sheet 8A/8B)	\$ 312.14	\$ 953.84	\$ 1,333.66	\$ 708.86	\$ 993.63	\$ 4,412.77	\$ 6,895.32	\$ -	\$ 15,611.27
Sheet 8A (Interest calculated on monthly balances)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sheet 8B (Interest calculated on average annual balances)	\$ 312.14	\$ 953.84	\$ 1,333.66	\$ 708.86	\$ 993.63	\$ 4,412.77	\$ 6,895.32	\$ -	\$ 15,611.27
SMFA Revenues (from Sheet 8)	\$ 16,101.25	\$ 27,955.75	\$ 28,234.00	\$ 28,489.50	\$ 66,714.25	\$ 116,124.00	\$ 96,770.00	\$ -	\$ 380,388.75
SMFA Interest (from Sheet 8)	\$ 214.80	\$ 1,377.33	\$ 2,214.17	\$ 915.93	\$ 1,037.78	\$ 3,244.56	\$ 4,473.75	\$ -	\$ 13,448.32
Net Deferred Revenue Requirement	\$ -	\$ -	\$ -	\$ 14,741.47	\$ 53,144.20	\$ 240,030.53	\$ 157,941.08	\$ 233,353.86	\$ 433,904.83

Number of Metered Customers (average for 2013 last year)
 - Number of metered customers for which smart meter were deployed as part of program. Residential and GS < 50 MW customer classes and any other metered classes involved (e.g. GS 50 to 4999 MW for which interval meters were upgraded to utilize AMI and ODS assets)

9726

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

Years for collection or refunding	1
Deferred Incremental Revenue Requirement from 2006 to December 31, 2012 plus Interest on OM&A and Amortization	\$ 827,741.90
SMFA Revenues collected from 2006 to 2013 less year (inclusive)	\$ 393,837.07
Plus Simple Interest on SMFA Revenues	\$ 433,904.83
Net Deferred Revenue Requirement	\$ 3,72
SMDR	\$ 434,166.64

Match

Check: Forecasted SMDR Revenues

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

Incremental Revenue Requirement for 2013	\$ 233,353.86
SMIRR	\$ 2.00
Check: Forecasted SMIRR Revenues	\$ 233,424.00

Match

Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the class-specific SMDRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class-specific SMDRs and SMIRRs.

Class-specific SMDRs Revenue Requirement for Historical Years	2005	2007	2008	2009	2010	2011	2012	Total 2006 to 2012	Explanation / Allocator Check Row if SMDR/SMIRR apply to class	Residential	GS < 50 KW	GS 50 to 4999 KW
	\$	\$	\$	\$	\$	\$	\$	\$		X	%	%
Return on Capital	\$ 163.58	\$ 134.38	\$ 168.57	\$ 790.75	\$ 44,572.43	\$ 92,865.46	\$ 97,898.11	\$ 236,633.28	Weighted Meter Cost - Capital Allocated per class	65.00%	35.00%	-
Depreciation/Amortization expense and related interest	\$ -	\$ -	\$ -	\$ 254.23	\$ 47,349.37	\$ 112,542.70	\$ 132,694.63	\$ 357,524	Weighted Meter Cost - Capital Allocated per class	153,811.63	\$ 82,821.65	\$ -
Operating Expenses and related Interest	\$ 14,902.00	\$ 11,749.00	\$ 14,916.00	\$ 42,408.00	\$ 34,514.00	\$ 156,723.00	\$ 20,935.00	\$ 301,502.22	Number of Smart Meters Installed by Class	195,976.44	\$ 105,525.78	\$ -
	\$ 312.14	\$ 853.84	\$ 1,333.69	\$ 703.97	\$ 419.34	\$ 2,568.74	\$ 538.68			# 7,866	# 1,626	#

Smart Meter Model for Electricity Distributors (2013 Filers)



This worksheet calculates the class-specific SMIRRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class-specific SMDRS and SMIRRs.

Class-specific SMDRS

Revenue Requirement for 2013

	2013	Explanation / Allocator Check Row if SMDR/SMIRR apply to class	Residential	GS < 50 kW	GS 50 to 4999 kW
Return on Capital	\$ 90,398.99	Weighted Meter Cost - Capital Allocated per class	X 65.00% \$ 58,759.34	X 35.00% \$ 31,639.65	
Depreciation/Amortization expense	\$ 134,894.13	Weighted Meter Cost - Capital Allocated per class	65.00% \$ 87,681.19	35.00% \$ 47,212.95	0.00% \$ -
Operating Expenses	\$ -	Number of Smart Meters installed by Class	# 7,986	# 1,626	# -

Appendix C

SMDR / SMIRR Customer Class Allocations & Inclusion of Revenue Shortfall

SMDR - Allocation Model

	2006	2007	2008	2009	2010	2011	Total 2009 to 2011	Explanation Allocator	ID and Factors	Total	Residential	General Service Less than 50 kW
Revenue Requirement for the Historical Years	\$14,506	\$11,916	\$15,123	\$43,438	\$119,873	\$354,986	\$559,842.13					
Total Return on Capital	\$164	\$134	\$169	\$791	\$44,572	\$92,965	\$138,795.17	Weighted Meter Capital	CWMC	100.00% \$138,795.17	65.00% \$90,216.86	35.00% \$48,578.31
Amortization and interest Expense	\$0	\$0	\$0	\$294	\$47,349	\$112,543	\$160,186.30	Weighted Meter Capital	CWMC	100.00% \$160,186.30	65.00% \$104,121.10	35.00% \$56,065.21
Operating Expenses	\$14,302	\$11,749	\$14,916	\$42,406	\$34,514	\$156,773	\$274,660.00	Number of Smart Meters installed for each Class		9,612 \$274,660.00	7,986 \$228,197.54	1,626 \$46,462.46
Grossed-up Taxes/PILs	\$40	\$33	\$39	-\$53	-\$6,563	-\$7,295	-\$13,799.34	Revenue Requirement allocated to each Class before PILs		\$573,641.47 -\$13,799.34	\$422,535.50 -\$10,164.38	\$151,105.97 -\$3,634.96
TOTAL REVENUE REQUIREMENT							\$559,842.13			\$559,842.13	\$412,371.12	\$147,471.02
							Percentage of costs allocated to customer classes			100.00%	73.66%	26.34%
							Revenue Generated from Smart Meter Funding Adder			\$393,371.00		
							Net Deferred Revenue Requirement			\$166,471.13		
							SMIRR Revenue Shortfall			\$147,112.56		
							Total Revenue Requirement			\$313,583.69		
							Allocated per Class				\$230,980.93	\$82,602.76
							Number of Metered Customers				7,986	1,626
							Smart Meter Disposition Rate Rider				\$2.41	\$4.23

SMIRR - Allocation Model

	2012	Total 2012	Explanation Allocator	ID and Factors	Total	Residential	General Service Less than 50 KW
Revenue Requirement for the Forecast Year	\$252,289	\$252,288.51					
Total Return on Capital	\$97,838	\$97,838.11	Weighted Meter Capital	CWMC	100.00% \$97,838.11	65.00% \$63,594.77	35.00% \$34,243.34
Amortization and interest Expense	\$132,935	\$132,934.63	Weighted Meter Capital	CWMC	100.00% \$132,934.63	65.00% \$86,407.51	35.00% \$46,527.12
Operating Expenses	\$20,945	\$20,945.00	Number of Smart Meters Installed for each Class		9,612 \$20,945.00	7,986 \$17,401.87	1,626 \$3,543.13
Grossed-up Taxes/PILs	\$571	\$570.76	Revenue Requirement allocated to each Class before PILs		\$251,717.75 \$570.76	\$167,404.16 \$379.58	\$84,313.59 \$191.18
TOTAL FORECAST REVENUE REQUIREMENT		\$252,288.51			Total \$252,288.51	Residential \$167,783.74	General Service Less than 50 KW \$84,504.77
			Percentage of costs allocated to customer classes		100.00%	66.50%	33.50%
			Allocated per Class			\$167,783.74	\$84,504.77
			Number of Metered Customers			7,986	1,626
			Smart Meter Disposition Rate Rider			\$1.75	\$4.33