

November 13, 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**

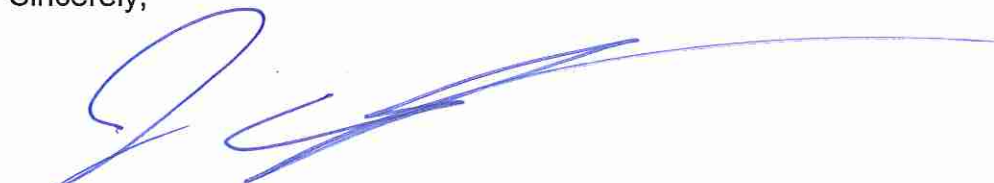
Please find BCPs reply and associated documents relating to the decision dated November 8, 2012.

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.

	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Tax Rate	29.27%	29.27%	29.27%	25.40%	23.29%	21.00%	15.50%

### 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
<b>Total Cost</b>				<b>\$147,112.56</b>

### 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**

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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	\$	2.43
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**  
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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**

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**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	17.12
Smart Meter Disposition Rider - effective until November 30, 2013	\$	4.26
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**

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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**

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**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

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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**

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**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.**  
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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**

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**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.**  
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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**

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**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.**  
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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**

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**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.25
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**Brant County Power Inc.**  
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EB-2012-0265

**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**

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**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.**  
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**RETAIL SERVICE CHARGES (if applicable)**

**APPLICATION**

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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.





1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.3.1 Computer Hardware								
1.3.2 Computer Software								
1.3.3 Computer Software Licenses & Installation (includes hardware and software) <i>(may include AS/RSOP cash open, backup and recovery computer, UPS, etc.)</i>								
<b>Total Advanced Metering Control Computer (AMCC)</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1.4 WIDE AREA NETWORK (WAN)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.4.1 Activation Fees								
<b>Total Wide Area Network (WAN)</b>	\$ -	\$ -	\$ 85,021	\$ -	\$ 92,246	\$ -	\$ -	\$ 177,267

1.5 OTHER AM CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.5.1 Customer Equipment <i>(including repair of damaged equipment)</i>								
1.5.2 AMI Interface to CIS								
1.5.3 Professional Fees				4,508	62,184	43,283		109,975
1.5.4 Integration								
1.5.5 Program Management				4,319				4,319
1.5.6 Other AMI Capital								
<b>Total Other AMI Capital Costs Related to Minimum Functionality</b>	\$ -	\$ -	\$ 62,184	\$ 8,827	\$ 43,283	\$ -	\$ -	\$ 114,294
<b>Total Capital Costs Related to Minimum Functionality</b>	\$ -	\$ -	\$ 1,232,785	\$ 8,827	\$ 388,481	\$ -	\$ -	\$ 1,658,678

1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O'Reg 42506								
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.								
<b>Total Capital Costs Beyond Minimum Functionality</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Smart Meter Capital Costs</b>	\$ -	\$ -	\$ 1,232,785	\$ 8,827	\$ 388,481	\$ 58,785	\$ -	\$ 1,658,678

**2 OM&A Expenses**

**2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)**

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
2.1.1 Maintenance (may include meter revalidation costs, etc.)		\$ 21,898	\$ 12,065	\$ 95,234	\$ 9,344	\$ 138,541
2.1.2 Other (please specify)						
<b>Total Incremental AMCD OM&amp;A Costs</b>	\$ -	\$ 21,898	\$ 12,065	\$ 95,234	\$ 9,344	\$ 138,541

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

2.2.1 Maintenance				\$ 30,668	\$ 10,362	\$ 40,990
2.2.2 Other (please specify)						
<b>Total Incremental AMRC OM&amp;A Costs</b>	\$ -	\$ -	\$ -	\$ 30,668	\$ 10,362	\$ 40,990

**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.)	\$ 11,859			\$ 7,725	\$ 1,239	\$ 20,822
2.3.2 Other (please specify)						
<b>Total Incremental AMCC OM&amp;A Costs</b>	\$ 11,859	\$ -	\$ -	\$ 7,725	\$ 1,239	\$ 20,822

**2.4 WIDE AREA NETWORK (WAN)**

2.4.1 WAN Maintenance						
2.4.2 Other (please specify)						
<b>Total Incremental AMRC OM&amp;A Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**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.)			\$ 10,390			\$ 10,380
2.5.3 Program Management	\$ 2,444	\$ 11,749	\$ 8,825	\$ 23,092		\$ 81,534
2.5.4 Change Management (may include training, etc.)				\$ 134		\$ 3,968
2.5.5 Administration Costs						
2.5.6 Other AMI Expenses (please specify)	\$ 2,444	\$ 11,749	\$ 22,449	\$ 23,226	\$ -	\$ 95,292
<b>Total Other AMI OM&amp;A Costs Related to Minimum Functionality</b>	\$ 14,302	\$ 11,749	\$ 34,514	\$ 156,773	\$ 20,945	\$ 295,605

**2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY**

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 MDMR, etc.						
<b>Total OM&amp;A Costs Beyond Minimum Functionality</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Smart Meter OM&amp;A Costs</b>	\$ 14,302	\$ 11,749	\$ 34,514	\$ 156,773	\$ 20,945	\$ 295,605

3 Aggregate Smart Meter Costs by Category

3.1

Capital

3.1.1	Smart Meter	\$ -	\$ -	\$ -	\$ 675,682	\$ 214,125	\$ 58,785	\$ -	\$ 1,148,602
3.1.2	Computer Hardware	\$ -	\$ -	\$ -	\$ 85,021	\$ 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	\$ 368,481	\$ 58,785	\$ -	\$ 1,668,878
3.2	OM&A Costs	\$ 14,302	\$ 11,749	\$ 42,406	\$ 34,514	\$ 156,773	\$ 20,945	\$ -	\$ 295,605
3.2.1	Total OM&A Costs	\$ 14,302	\$ 11,749	\$ 42,406	\$ 34,514	\$ 156,773	\$ 20,945	\$ -	\$ 295,605



**Depreciation Rates**

(expressed as expected useful life in years)

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

**CCA Rates**

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

**Assumptions**

- <sup>1</sup> Planned smart meter installations occur evenly throughout the year.
- <sup>2</sup> Fiscal calendar year (January 1 to December 31) used.
- <sup>3</sup> 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
<b>Net Fixed Assets - Smart Meters</b>								
<b>Gross Book Value</b>								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 875,692	\$ 875,692	\$ 1,089,817	\$ 1,089,817
Capital Additions during year (from Smart Meter Costs)	-	-	-	-	-	214,125	56,785	-
Retirements/Removals (if applicable)	-	-	-	-	875,692	-	-	-
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,089,817	\$ 1,146,602	\$ 1,146,602
<b>Accumulated Depreciation</b>								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 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
<b>Net Book Value</b>								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 846,502	\$ 965,110	\$ 979,281
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 846,502	\$ 985,110	\$ 979,281	\$ 902,708
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ 423,251	\$ 920,806	\$ 987,196	\$ 940,995
<b>Net Fixed Assets - Computer Hardware</b>								
<b>Gross Book Value</b>								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 85,021	\$ 85,021	\$ 177,267	\$ 177,267
Capital Additions during year (from Smart Meter Costs)	-	-	-	-	-	92,246	-	-
Retirements/Removals (if applicable)	-	-	-	-	85,021	-	-	-
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 85,021	\$ 177,267	\$ 177,267	\$ 177,267
<b>Accumulated Depreciation</b>								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,502	\$ 54,731	\$ 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
<b>Net Book Value</b>								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 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



## Smart Meter Model for Electricity Distributors (2013 Filers)



	2006	2007	2008	2009	2010	2011	2012	2013
<b>Average Net Fixed Asset Values (from Sheet 4)</b>								
Smart Meters	\$ -	\$ -	\$ -	\$ -	\$ 423,251	\$ 920,806	\$ 987,166	\$ 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Net Fixed Assets</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,266</b>	<b>\$ 601,251</b>	<b>\$ 1,321,938</b>	<b>\$ 1,412,832</b>	<b>\$ 1,308,310</b>
<b>Working Capital</b>								
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	\$ -
<b>Incremental Smart Meter Rate Base</b>	<b>\$ 2,145</b>	<b>\$ 1,762</b>	<b>\$ 2,237</b>	<b>\$ 10,627</b>	<b>\$ 606,428</b>	<b>\$ 1,345,454</b>	<b>\$ 1,415,974</b>	<b>\$ 1,308,310</b>
<b>Return on Rate Base</b>								
<b>Capital Structure</b>								
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53,818	\$ 56,639	\$ 52,382
Deemed Long Term Debt	\$ 1,073	\$ 881	\$ 1,193	\$ 6,026	\$ 363,657	\$ 753,464	\$ 782,945	\$ 732,654
Equity	\$ 1,073	\$ 881	\$ 1,045	\$ 4,602	\$ 242,571	\$ 536,181	\$ 566,389	\$ 523,324
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Capitalization</b>	<b>\$ 2,145</b>	<b>\$ 1,762</b>	<b>\$ 2,237</b>	<b>\$ 10,627</b>	<b>\$ 606,428</b>	<b>\$ 1,345,454</b>	<b>\$ 1,415,974</b>	<b>\$ 1,308,310</b>
<b>Return on</b>								
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Return on Capital</b>	<b>\$ 164</b>	<b>\$ 134</b>	<b>\$ 169</b>	<b>\$ 791</b>	<b>\$ 44,572</b>	<b>\$ 92,965</b>	<b>\$ 97,838</b>	<b>\$ 90,389</b>
<b>Operating Expenses</b>								
<b>Amortization Expenses (from Sheet 4)</b>								
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Amortization Expense in Year</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 294</b>	<b>\$ 47,349</b>	<b>\$ 112,543</b>	<b>\$ 132,935</b>	<b>\$ 134,894</b>
<b>Incremental Revenue Requirement before Taxes/PILs</b>								
	\$ 14,465	\$ 11,883	\$ 15,085	\$ 43,491	\$ 126,436	\$ 362,281	\$ 251,718	\$ 225,283
<b>Calculation of Taxable Income</b>								
Incremental Operating Expenses	\$ 14,302	\$ 11,749	\$ 14,916	\$ 42,406	\$ 34,514	\$ 156,773	\$ 20,945	\$ -
Amortization Expense	\$ -	\$ 294	\$ -	\$ 294	\$ 47,349	\$ 112,543	\$ 132,935	\$ 134,894
Interest Expense	\$ 67	\$ 55	\$ 75	\$ 377	\$ 22,741	\$ 41,408	\$ 43,578	\$ 40,265
<b>Net Income for Taxes/PILs</b>	<b>\$ 97</b>	<b>\$ 79</b>	<b>\$ 94</b>	<b>\$ 414</b>	<b>\$ 21,831</b>	<b>\$ 51,558</b>	<b>\$ 54,260</b>	<b>\$ 50,134</b>
<b>Grossed-up Taxes/PILs (from Sheet 7)</b>								
	\$ 39,95	\$ 32,82	\$ 38,92	\$ 40,15	\$ 4,576,73	\$ 7,294,84	\$ 570,76	\$ 8,060,73
<b>Revenue Requirement, including Grossed-up Taxes/PILs</b>								
	\$ 14,506	\$ 11,916	\$ 15,123	\$ 43,451	\$ 121,859	\$ 354,986	\$ 252,289	\$ 233,354





## Smart Meter Model for Electricity Distributors (2013 Filers)

### For PILs Calculation

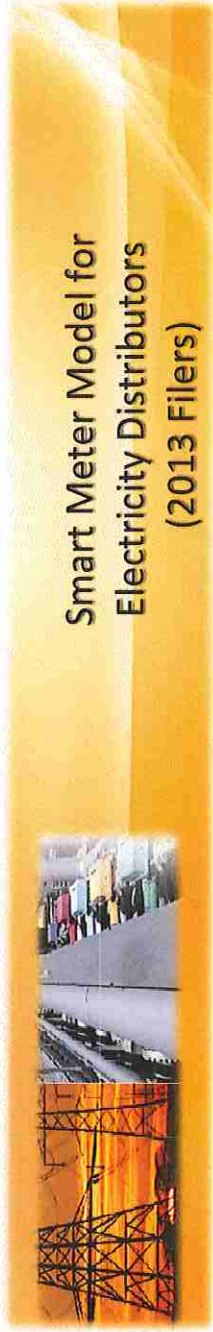
#### UCC - Smart Meters

	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	\$ 957,087.06
Capital Additions	-	-	-	-	-	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	\$ 957,087.06
Half Year Rule (1/2 Additions - Disposals)	-	-	-	-	-	107,062.50	29,392.50	-
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ 437,846.00	\$ 947,726.82	\$ 1,008,363.67	\$ 957,087.06
CCA Rate Class	47	47	47	47	47	47	47	47
CCA Rate	8%	8%	6%	8%	8%	6%	8%	6%
CCA	\$ -	\$ -	\$ -	\$ -	\$ 35,027.68	\$ 75,818.15	\$ 80,669.09	\$ 76,686.97
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	-	-	-	-	-	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)	-	-	-	-	-	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
<b>INCOME TAX</b>								
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	112,942.70	132,934.63	134,894.13
CCA - Smart Meters	-	-	-	-	35,027.68	75,818.15	80,669.09	76,566.97
CCA - Computers	-	-	-	-	23,380.78	59,269.77	52,039.05	23,417.57
CCA - Applications Software	-	-	-	-	-	-	-	-
CCA - Other Equipment	-	-	-	882.70	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%	25.40%	23.29%	21.00%	15.50%	15.50%
Income Taxes Payable	\$ 28.26	\$ 23.21	\$ 27.52	\$ 44.28	\$ 4,197.73	\$ 5,762.92	\$ 482.29	\$ 6,811.32
<b>ONTARIO CAPITAL TAX</b>								
Smart Meters	-	-	-	-	\$ 846,502.27	\$ 995,110.30	\$ 979,281.33	\$ 902,707.87
Computer Hardware	-	-	-	-	76,518.90	142,536.10	107,062.70	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	-	-	-	8,532.77	1,193,968.40	1,449,906.70	1,375,757.07	1,240,862.93
Less: Exemption	-	-	-	8,532.77	1,193,968.40	1,449,906.70	1,375,757.07	1,240,862.93
Deemed Taxable Capital	-	-	-	-	-	-	-	-
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	\$ 44.28	\$ 4,197.73	\$ 5,762.92	\$ 482.29	\$ 6,811.32
Change in OCT	-	-	-	19.20	895.48	-	-	-
PILs	\$ 28.26	\$ 23.21	\$ 27.52	\$ 25.08	\$ 3,302.26	\$ 5,762.92	\$ 482.29	\$ 6,811.32
<b>Gross Up PILs</b>								
Tax Rate	29.27%	29.27%	29.27%	25.40%	23.29%	21.00%	15.50%	15.50%
Change in Income Taxes Payable	\$ 39.95	\$ 32.82	\$ 38.92	\$ 59.35	\$ 5,472.21	\$ 7,294.84	\$ 570.76	\$ 8,080.73
Change in OCT	-	-	-	19.20	895.48	-	-	-
PILs	\$ 39.95	\$ 32.82	\$ 38.92	\$ 40.15	\$ 4,576.73	\$ 7,294.84	\$ 570.76	\$ 8,080.73

# 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	\$ 6,053.37		\$ 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	\$ 10,094.07		\$ 0.26
2008 Q2	5.14%	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	\$ 23,156.85		\$ 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	\$ 30,158.79		\$ 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%	\$ 196.77	\$ 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

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
			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%	\$ 86.16	\$ 81,836.16		\$ 0.26
			May-09	2009	Q2	\$ 81,770.00	\$ 2,366.75	1.00%	\$ 88.14	\$ 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	\$ 67,722.03	\$ 1.00
			Dec-10	2010	Q4	\$ 157,827.75	\$ 9,667.00	1.20%	\$ 157.83	\$ 167,652.58		\$ 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

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	
Interest Rates		Jun-11	2011	Q2	\$ 215,879.75	\$ 9,677.00	1.47%	\$ 264.45	\$ 225,821.20		\$ 1.00	
		Jul-11	2011	Q3	\$ 225,586.75	\$ 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			
		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			
<b>Total Funding Adder Revenues Collected</b>												
										\$ 13,448.32	\$ 393,837.07	\$ 393,837.07
										\$ 380,388.75		



## 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%	4.68%	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%	6.81%	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%	-	-





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# Smart Meter Model for Electricity Distributors (2013 Filers)



This worksheet calculates the interest on O&M&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%	\$ 963.84
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%	\$ -
<b>Cumulative Interest to 2011</b>						\$ 8,714.95
<b>Cumulative Interest to 2012</b>						\$ 15,611.27
<b>Cumulative Interest to 2013</b>						\$ 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 Smart Meter Funding Adder that a distributor may wish to request. However, please note that in many 2011 IRW 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	2013	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ 14,505.53	\$ 11,916.20	\$ 15,123.49	\$ 43,450.83	\$ 121,859.07	\$ 354,986.32	\$ 252,288.51	\$ 233,353.86	\$ 814,129.93
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B)	\$ 312.14	\$ 953.84	\$ 1,333.66	\$ 708.86	\$ 983.68	\$ 4,412.77	\$ 6,696.32	\$ 6,696.32	\$ 15,611.27
(Check one of the boxes below)									
Sheet 8A (Interest calculated on monthly balances)	\$ 312.14	\$ 953.84	\$ 1,333.66	\$ 708.86	\$ 983.68	\$ 4,412.77	\$ 6,696.32	\$ -	\$ 15,611.27
Sheet 8B (Interest calculated on average annual balances)	\$ 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 Revenues (from Sheet 8)	\$ 214.80	\$ 1,377.33	\$ 2,214.17	\$ 915.93	\$ 1,007.78	\$ 3,244.56	\$ 4,473.75	\$ -	\$ 13,448.32
SMFA Interest (from Sheet 8)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Deferred Revenue Requirement	\$ 1,498.38	\$ -	\$ 13,991.03	\$ 14,754.26	\$ 55,130.71	\$ 240,030.53	\$ 157,941.08	\$ 233,353.86	\$ 435,904.13

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

Number of Metered Customers (average for 2013 test year)  
 - Number of metered customers for which smart meter were upgraded to utilize AMI and ODS assets

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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	\$ 829,741.20
plus Interest on OM&A and Amortization	\$ 393,837.07
SMFA Revenues collected from 2006 to 2013 (inclusive)	\$ 435,904.13
Plus Simple Interest on SMFA Revenues	\$ 3.73
Net Deferred Revenue Requirement	\$ 435,335.76
SMDR	\$ 435,335.76

**Match**

**Check: Forecasted SMDR Revenues**

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

Incremental Revenue Requirement for 2013	\$ 233,853.86
SMIRR	\$ 2.00
	\$ 233,424.00

**Match**

**Check: Forecasted SMIRR Revenues**

# 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	2006	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
Return on Capital	\$ 163.58	\$ 134.38	\$ 168.57	\$ 790.75	\$ 44,572.43	\$ 92,965.46	\$ 97,836.11	\$ 236,633.28	Weighted Meter Cost - Capital Allocated per class	X	X	
Depreciation/Amortization expense and related interest	\$ -	\$ -	\$ -	\$ 294.23	\$ 47,248.37	\$ 112,542.70	\$ 135,934.83	\$ 296,720.13	Weighted Meter Cost - Capital Allocated per class	65.00%	35.00%	%
	\$ -	\$ -	\$ -	\$ 4.88	\$ 574.74	\$ 1,844.03	\$ 5,957.64	\$ 8,436.29		\$ 153,811.63	\$ 82,821.65	\$ -
	\$ -	\$ -	\$ -	\$ 289.12	\$ 47,824.10	\$ 114,386.73	\$ 138,892.27	\$ 295,156.42		\$ -	\$ 105,525.78	\$ -
Operating Expenses and related Interest	\$ 14,302.00	\$ 11,746.00	\$ 14,916.00	\$ 42,406.00	\$ 34,514.00	\$ 150,775.00	\$ 20,945.00	\$ 379,634.00	Number of Smart Meters installed by Class	# 7,866	# 1,626	#
	\$ 372.14	\$ 953.64	\$ 1,333.66	\$ 763.57	\$ 419.94	\$ 2,266.74	\$ 938.68	\$ 6,113.32				

# 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	\$ 90,388.99	Weighted Meter Cost - Capital Allocated per class	X 65.00%	X 35.00%	
Depreciation/Amortization expense	\$ 134,894.13	Weighted Meter Cost - Capital Allocated per class	\$ 58,759.34	\$ 31,639.65	\$ -
Operating Expenses	\$ -	Number of Smart Meters installed by Class	# 87,681.19	# 47,212.95	# -
			# 7,966	# 1,626	# -

## **Appendix C**

### **SMDR / SMIRR Customer Class Allocations & Inclusion of Revenue Shortfall**





# 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
<b>TOTAL FORECAST REVENUE REQUIREMENT</b>		\$252,288.51			<b>Total</b> \$252,288.51	<b>Residential</b> \$167,783.74	<b>General Service Less than 50 kW</b> \$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