



PUC Distribution Inc.
765 QUEEN STREET EAST, P.O. Box 9000
SAULT STE. MARIE, ONTARIO, P6A 6P2

March 5, 2012

Kirsten Walli, Board Secretary
Ontario Energy Board
P.O. Box 2319, 27th Floor
2300 Yonge Street
Toronto, ON, M4P 1E4

Attention: Ms. Walli

Re: PUC Distribution Inc.'s Smart Meter Funding and Cost recovery – Final Disposition.

PUC Distribution ("PUC") is pleased to submit to the Ontario Energy Board its Smart Meter final disposition application for funding and cost recovery. The application is in accordance with the Boards Guidelines G-2011-0001. PUC is applying in this stand-alone application for a Smart Meter Disposition Rider (SMDR) and a Smart Meter Incremental Revenue Requirement Rate Rider (SMIRR) effective May 1, 2012 for a one year period until April 20, 2013.

The primary contact for this application is Jennifer Uchmanowicz, Rates and Regulatory Affairs Officer. Phone number 705-759-3009 or email at Jennifer.Uchmanowicz@ssmpuc.com.

Sincerely,

Jennifer Uchmanowicz
Rates and Regulatory Affairs Officer
PUC Distribution Inc.
Sault Ste. Marie Ont.
Email: Jennifer.uchmanowicz@ssmpuc.com
Phone: 705-759-3009

PUC Distribution Inc. (“PUC”)

Smart Meter Cost Recovery Application

March 5, 2012

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APPLICATION

On December 15, 2011, the Ontario Energy Board issued Guideline G-2011-0001 Smart Meter Funding and Cost Recovery-Final Disposition. The guideline sets out the Board's filing instructions in relation to funding the recovery of costs associated with smart metering activities conducted by Ontario Electricity Distributors. In the application, PUC has followed the Board's filing guidelines and is requesting a Smart Meter Disposition Rate Rider (SMDR) that will recover the variance between the deferred revenue requirement for the installed smart meters up to the time of disposition and the smart meter funding adder revenue collected and associated interest. Since the smart meter disposition is being requested in a stand-alone application a smart meter incremental revenue requirement rate rider (SMIRR) is also being applied for as the proxy for the incremental change in distribution rates that would have occurred if the assets and operating expenses were incorporated into the rate base and revenue requirement.

PUC filed an IRM application for rates effective May 1, 2012. In the IRM application PUC requested discontinuance of the smart meter adder. In this application PUC is requesting the SMDR and the SMIRR be effective May 1, 2012 for a one year period until April 30, 2013. PUC will be filing a cost of service application in 2013 for rates effective May 1, 2013 at which time the cost of smart meters will be included in the rate base and revenue requirement. Stranded meter costs will be addressed in PUC's 2013 cost of service application.

PUC has attached as Appendix A the smart meter recovery model issued by the OEB on December 15, 2011 and has filed an electronic copy of the model with this application.

SMART METER PROGRAM STATUS

PUC Distribution Inc. began recovery of smart meter funding adders in 2006. PUC recovered \$0.26 per month per metered customer until May 1, 2009. In PUC's 2009 rate application the Board approved an increase in the smart meter adder to \$1.00 per metered customer per month and in PUC's 2010 rate application a smart meter adder of \$1.68 was approved per metered customer per month.

PUC installed 29,385 residential and 3,239 general service < 50 kW smart meters by October 31, 2011 which represents the entire population of mandated smart meters and is 100% complete. In this application, PUC seeks recovery of the revenue requirement in respect of these smart meters. The transition to TOU billing commenced as of October 2011.

Util-assist – Consulting Assistance

In the middle of 2007, in seeking economies of scale for a cost-effective deployment and in consideration of reducing costs, PUC and other utilities that form the District 9 group (D9), engaged in a collaborative initiative of entering into a professional services agreement with Util-Assist, an Ontario firm specializing in metering solutions and technologies. Util-assist was hired to assist with the development of the smart meter project plan, evaluations, award of contracts, project monitoring, problem solving and reporting. Various preliminary project activities were undertaken and most importantly, the processing of Requests for Proposal for an Advanced Metering Infrastructure (AMI) solution, the mass installation of smart meters, and a meter-data operational data store (ODS), were issued and evaluated culminating in the selection of successful vendors. Util-assist remained actively involved in the implementation and rollout phases of the AMI system, smart meter mass deployment, ODS contract negotiation and implementation through to Q2 of 2010.

Util-assist's services to PUC were expanded in 2010 to include project management assistance and training services related to internal operations and readiness for MDMR enrolment, integration and testing.

During Q2 of 2011, Util-assist's scope was increased to include integration and the flow of data between the Customer Information System (CIS), AMI, ODS and the provincial government's MDM/R.

District 9 Group

District 9 is a group that provides value added services to their Local Distribution Company (LDC) members. D9 strives to reduce LDC costs through sharing of knowledge and information as well as providing savings through joint purchasing of goods and services with its members. The seven LDCs which form D9 represent a customer base of approximately 80,000 customers. The existing members in D9 include the following LDCs:-

- Algoma Power Inc.
- Chapleau Public Utilities Corporation
- Espanola Regional Hydro Distribution Corp.
- Hearst Power Distribution Co. Ltd.
- North Bay Hydro Distribution Ltd.
- Northern Ontario Wires Inc. – Cochrane
- PUC Distribution Inc.

AMI Selection Process – Procurement of Smart Meters and Installation Services

PUC was an active participant in the London Phase Two AMI RFP process. PUC was awarded Sensus' Flexnet AMI system as the preferred vendor by the Fairness Commissioner. Refer to the attached Attestation Letter of the Fairness Commissioner in Tab 1, Schedule 3.

Residential and Commercial Deployment of Sensus Smart Meters

PUC researched the effort required and costs associated with the mass deployment and concluded that the most cost-effective approach to converting the conventional residential meters to smart meters was to utilize a third-party contractor. Olameter received the contract to perform the mass installation of residential meters as a result of the D9 RFP process, and the installations got underway in May 2009. By March 31, 2010, with close to 27,612 residential meters installed, the project was essentially 95% complete. By December 31, 2010 the remaining meter installations related to access issues, unsafe conditions and structural changes to install the smart meters were substantially completed.

Given the complexity of installation, it was decided to install the approximate 3,273 meters, general service less than 50 kW class, with PUC staff. By December 31, 2009 about 47% of the meters were installed and 98% of all installations were completed by December 31, 2010.

All mandated smart meter installations were effectively completed by October 2011.

Security Audit

With the mass deployment of AMI systems, security of the AMI network is critical to prevent utilities from becoming susceptible to new levels of potential security breaches and to ensure customer privacy and acceptance of the network. By installing network infrastructure in the field, there is now a requirement for additional security measures in order to ensure that utility data and equipment are kept secure from manipulation or other forms of control. As networks are deployed throughout the world, cyber security articles and reports suggesting the potential for smart-grid hacking are becoming commonplace in the media. The minimum Functional Specification for an AMI released in July 2007 identified the need for security within the AMI network – Section 2.11 Security and Authentication: “The AMI shall have security features to prevent

unauthorized access to the AMI and meter data and to ensure authentication to all AMI elements.” Some of the privacy and network security infrastructure concerns that have been raised include:-

- Monitoring a consumer’s usage;
- Modifying one’s own, or another consumer’s usage;
- Interrupting the power of one or more consumers; and
- Tampering with demand side management tools which can be controlled through smart meters.

Since early 2009, Ontario utilities have been working with their smart meter providers to understand the security features of the networks, best practices for their deployment and new features that are being developed for future implementation within the smart meter networks. In November of 2009 the Information and Privacy Commissioner of Ontario released the report Smart Privacy for the Smart Grid which identified areas of concern to be addressed in the area of smart meter and smart grid devices.

Going forward, PUC has budgeted for a security audit, as this is a prudent approach to satisfying the due diligence requirements for protection not only of the customer information, but also to ensure that access to the infrastructure is properly protected, thereby securing against unwanted modifications to data collection and/or load-control functionality. Security of the network and ensuring that customer data is protected at all times has resulted in the development of governance standards requiring extensive security measures such as NERC (North American Electric Reliability Corporation). The NERC reliability standards are developed by the electricity industry using a balanced, open, fair and inclusive process managed by the NERC Standards Committee.

For many Ontario LDCs, including PUC, completing a security audit at a NERC, NIST (Network Information Security & Technology) or comparable level would be a cost-prohibitive exercise. Therefore, PUC joined a consortium of Ontario Util-assist LDC customers in the issuance of the May 2010 “Smart Meter Network Security Audit Services” Request for Proposal.

The objective of the RFP is to select an audit partner who would complete a security audit of the Sensus AMI systems for consortium members with Sensus technology in place, and to then work with Sensus towards the implementation of viable countermeasures to resolve all security concerns. The selected audit firm will first complete an in-depth security review at one participating utility that has the Sensus solution. Once the review is complete, the audit firm would then review the technology at all remaining participating utilities to confirm that their Sensus AMI systems are configured to the same standard as that declared as the standard for the audit group. Audits are anticipated to include end-to-end from the meter to utility systems and home area network.

Operational Data Store (ODS)

As PUC moved into the implementation of its AMI systems, a need was recognized for an application that supported full integration with the MDM/R and enabled our team to audit, validate, interact with and gain valuable business information from the wealth of meter data that was being collected. The AMI system, while fully capable of collecting meter read data and forwarding that raw data to the MDM/R, does not provide all of the functionality necessary to interpret and/or leverage the information it is providing in an educated and meaningful fashion.

PUC, with Util-assist's support, issued an RFP for an operational data store (ODS) in November 2008. Following the RFP process, shortlisted vendors delivered software demonstrations, leading to the selection of Harris (our current billing system vendor) as the preferred vendor with their MeterSense ODS application. Contract negotiations were completed in November 2009 and the ODS software was subsequently deployed.

The primary requirements and features of the ODS are:-

- a) **Dashboard of Field Issues Possibly Requiring Intervention** – Dashboard visibility to real-time performance of the smart meter system to provide field staff with

visibility to troubleshoot priorities such as non-communicating meters, non-communicating tower gateways/collectors, etc.

- b) **AMI SLA Audit** – Audit and reporting/real-time notification capabilities to monitor AMI performance and therefore ensure that data collection and submission service-level agreements (SLAs) with the centralized MDM/R are consistently met.
- c) **Read Re-submission** – The ODS will provide a data repository to facilitate backfilling reads after a meter installation, front-filling reads after a meter removal, and replacing reads labeled as NVE (Needs Verification or Edit) by the IESO MDM/R system. The ODS will provide a mechanism for meter data editing and VEE (Validation, Estimation and Editing) processes (in keeping with the MDM/R specifications), such data can then be re-submitted to the MDM/R.
- d) **IESO MDM/R Report Integration/Issue Resolution Automation** – The MDM/R produces a large volume of reports on a daily or regular basis each potentially containing large amounts of information. MeterSense will load the MDM/R reports, and filter the information they provide in order to provide manageable, meaningful action items that can be prioritized, investigated and resolved.
- e) **Automation of Manual Meter Reading** – The ODS ability to automate the collection of meter-read data and transition away from manual meter reads before enrolment with the MDM/R has been finalized.
- f) **Meter Event Monitoring** – Dashboard visibility to report meter events and indicators such as outages, restorations, tampers, voltage changes, etc., many of which will afford PUC the opportunity to improve the safety and reliability of the distribution system.
- g) **Revenue Protection** – PUC will be able to identify and respond to meter tampers which historically would have resulted in unidentified theft of power.
- h) **Outage Reporting** – Real-time outage information to facilitate faster response time, and therefore improved system reliability.

Business Process Redesign

During 2009 and 2010, the Util-assist training team delivered a series of education sessions covering MDM/R design specifications, meter read data, VEE and other billing processes, and the design of a testing/cutover strategy. LDCs have widely recognized that a number of business processes, including new account setup, meter installations, meter changes, move-in/move-out and final billing all require scrutiny and procedural modifications to ensure that MDM/R integrations are optimized. Staff also attended IESO-led training on business process redesign in 2010. Actual business process redesign consultations were well underway at PUC in late 2010 and is an ongoing process leading up to and after cutover.

System Changes

PUC uses the Harris Northstar Billing System, which is used by several Ontario LDCs including some who have already completed their smart meter deployment and implemented TOU billing. PUC therefore expected the Northstar system to be fully capable of supporting MDM/R integration and TOU billing within defined regulatory timelines and negotiated to purchase the necessary add-on software modules and professional services to ensure that this occurred before TOU billing was initiated.

Integration with MDM/R

During 2010, staff had begun attending relevant IESO training sessions regarding PUC's integration to the provincial MDM/R and we remained active and involved participants, attending the majority of IESO-hosted sessions on a variety of topics pertaining to the MDM/R.

PUC filed its registration paperwork and integration project plan with the IESO in Q4 of 2009. AS2 connectivity software to facilitate integration with the MDM/R was selected and installed in April 2010 and connectivity testing was conducted with the IESO in May 2010. Unit Testing with the IESO was executed in June 2010, System Integration Testing

(SIT) and Qualification Testing (QT) in October 2010 and Cut-over to live data transfer with the MDM/R in January 2011. With many technical steps and challenges to overcome, PUC's ability to meet these timelines was to a large extent contingent upon various software systems delivering the promised functionality and suppliers meeting their contractual obligation.

Transition to TOU Pricing

In mid-2009, the Ontario Government articulated an expectation that 1 million RPP consumers would be billed using TOU pricing by the summer of 2010, rising to 3.6 million RPP consumers by June 2011. On June 24, 2010, the Ontario Energy Board issued a proposed determination regarding time-of-use pricing for regulated price plan customers (Board File No. EB-2010-0218), suggesting that distributor-specific TOU dates would be the most appropriate approach, as it allows for the deadline to logically follow MDM/R enrolment activities.

According to the proposal, PUC's mandatory TOU date would be the first day of the first billing period that commences 9 months from the date identified in our baseline plan for the commencement of meter enrolment. On August 4, 2010 the Ontario Energy Board issued a determination confirming a mandatory TOU date of October 2011 for PUC. The mandatory TOU date is the earliest month in which TOU billing must commence. PUC is pleased to confirm that the transition to TOU pricing commenced as of October 2011.

On October 5, 2011 PUC applied to the OEB for an extension to the mandatory TOU pricing date for 1,181 General Service < 50 kW RPP customers from October 2011 to March 2012. The request was premised on the fact that interval data delivered from certain 3 phase meters is suspect due to the improper time-alignment of the consumption intervals. In a letter from the OEB dated November 7, 2011 approval was granted for the extension to the mandated TOU pricing date for these customers.

Web Presentment

The Ministry of Energy and Infrastructure has indicated that electricity customers should ideally have web access to their consumption data with which to make informed decisions about future usage as part of a utility's rollout of TOU pricing. Accordingly, PUC is evaluating alternative service providers and is considering security features, ease of implementation, ease of use, existing integration with the provincial MDM/R, low cost-per-customer advantages and consistent user experience for customers as important factors. PUC anticipates implementing a web presentment solution in 2012 once implementation of TOU billing is complete and reliable data (current and to some extent historical) is readily available for our customers.

Customer Education Plan

PUC leveraged the significant development efforts undertaken by the Ministry of Energy to support LDC-specific communications tools and resources related to the TOU roll-out to electricity customers. In keeping with the objective of delivering exceptional customer service to the rate payers in our service territory, PUC planned and implemented an extensive customer education and outreach campaign aligned with our TOU pricing roll-out. The TOU customer education included leave behind packages and brochures, welcome letters, bill inserts, billboard advertisements, newspaper advertisements, radio advertisements, TOU clings, messaging at the bottom of bills, corporate website information and links as well as TOU cutover letters.

Costs beyond minimum functionality

O.Reg 425/06 defines smart meter deployment as pertaining to residential and small general service customers. The functional specification sets the required minimum level of functionality for the AMI to be "for residential and small general service consumers where the metering of demand is not required". As such, minimum functionality has been defined as customers in the residential and general service <50 kW classes.

As part of the smart meter deployment program, PUC has decided to install smart meters for the general service >50 kW customers. PUC has a total of about 3,611 general service customers of which only 372 are in the greater than 50 kW class. As a further breakdown of these 372 customers, 31 already have interval meters. Of the general service customers in the >50 kW segment, to date approximately 158 customers have smart meters installed and it is planned to convert the remaining 183 customers to smart meters. PUC determined that these customers will have more detailed needs for data than will typical residential and general service <50 kW customers, and providing them with better information on how much and when they consume electricity may provide these customers with opportunities for more energy conservation and load shifting. In addition, the contracted services of monthly on-site electric meter reading will be completely discontinued once all the customers have been converted to smart meters.

The Board, as part of the Combined Proceeding, approved recovery for meter conversions for GS>50 kW customers for both Toronto Hydro Electric System Limited ("Toronto Hydro") and Hydro Ottawa Limited.

PUC is applying to recover supply, installation and conversion costs for the General Service > 50kW customers. In the smart meter model issued by the OEB, PUC has separated the costs of the non-mandated meters from those for the residential and General Service <50 kW customers as per the OEB filing guidelines.

IESO MDM/R FEES

PUC has not included any costs related to the IESO MDM/R Fees in this application. It is PUC's understanding that the OEB will have a generic proceeding to address the recovery of these fees.

ATTESTATION OF THE FAIRNESS COMMISSIONER



PRP International, Inc.
Fairness Advisory Services

August 1, 2008

Mr. Claudio Stefano
Vice President,
Customer Services & Business Development
PUC Distribution Inc. (Sault Ste. Marie)
765 Queen Street E., P.O. Box 9000
Sault Ste. Marie ON P6A 6P2

Dear Mr. Stefano:

Subject: Attestation of the Fairness Commissioner
Advanced Metering Infrastructure RFP, August-July 2008
London Hydro, Consortium & Add-On LDCs Smartmetering Project

PRP International, Inc. is pleased to submit its letter report of the Fairness Commissioner for the noted Request for Proposal (RFP) evaluation and selection phase. This judgment is being provided for the information and use of each Add-On LDC Sponsor, in their consideration of the report from the Evaluation Phase, for this competitive transaction.

*"It is the judgment of PRP International, Inc., as the Fairness Commissioner, that the determinations of the two (2) highest ranked Proponents for the **District 9 Collective of LDCs (Chapleau Public Utilities Corporation, Espanola Regional Hydro Distribution Corp., Great Lakes Power Limited, Hearst Power Distribution Co. Ltd., North Bay Hydro Distribution Ltd., Northern Ontario Wires Inc. - Cochrane, and PUC Distribution Inc. (Sault Ste. Marie)** requirements are:*

- KTI/Sensus Limited, as the recommended Preferred Proponent, based on its highest ranking, and*
- Elster Metering being the second ranked Proponent.*

These determinations were made in a fair (objective and competent) manner and consistent with the evaluation and selection processes set out in the RFP, issued August 14, 2007."

A detailed report for your records will be submitted to you, by August 31, 2008. Should you have any questions or require clarification of any matter contained in this letter report, please contact the undersigned.

Yours truly,

A handwritten signature in dark ink, appearing to read "Peter Sorensen". The signature is fluid and cursive, with a large initial "P".

Peter Sorensen
President

cc: Mr. Gary Rains, RFP Project Director

203 - 8 QUEEN STREET, SUMMERSIDE, PEI C1N 0A6
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SMART METER COSTS PER UNIT

The smart meter per unit costs below include all actual costs and the forecast costs to the end of 2012.

Average Cost for all Mandated Meters (Residential and GS<50kW)		
Costs		Cost Per Meter
Total Capital Cost	6,333,701	
Number of Meters Installed	32,624	
Average Cost Per Meter		\$ 194.14
Average Cost for all Meters (Mandated and Non-Mandated)		
Costs		Cost Per Meter
Total Capital Cost	6,585,019	
Number of Meters Installed	32,965	
Average Cost Per Meter		\$ 199.76
Average Costs Per Meter by Rate Class		
Residential Meters		
Costs		Cost Per Meter
Total Capital Cost	4,673,630	
Number of Meters Installed	29,385	
Average Cost Per Meter		\$ 159.05
General Service < 50kW		
Costs		Cost Per Meter
Total Capital Cost	1,617,444	
Number of Meters Installed	3,239	
Average Cost Per Meter		\$ 499.37
General Service > 50kW		
Costs		Cost Per Meter
Total Capital Cost	293,945	
Number of Meters Installed	341	
Average Cost Per Meter		\$ 862.01
OM&A Costs		
Costs		Cost Per Meter
Total Incremental OM&A Cost Actual	868,109	
Total Number of Meters Installed	32,965	\$ 26.33

**SMART METER DISPOSITION RIDER (SMDR) AND SMART METER INCREMENTAL
REVENUE REQUIREMENT RATE RIDER (SMIRR)**

In this application PUC is applying for smart-meter related recoveries as per Guideline *G-2011-001 Smart Meter Funding and Cost Recovery – Final Disposition* issued December 15, 2011. PUC's smart meter costs and adders in account 1555 and 1556 have been audited at December 31, 2010 which is PUC last audited financial statements. The guidelines states that "a distributor may also include historical costs that are not audited and estimated costs, corresponding to a stub period or to a forecast for the test rate year." The majority of the program costs (90%) that PUC is seeking recovery for in the SMDR have been audited.

PUC is requesting rates be adjusted for smart meters in a stand-alone application and therefore there is no re-valuation of rate base or of the revenue requirement for the purposes of setting distribution rates. PUC is requesting a SMDR to recover the residual revenue requirement that is made up of smart meter costs up to the time of disposition plus interest on the deferred OM&A and amortization /depreciation expense, less amounts collected through the SMFA and associated interest. In addition, a smart meter incremental revenue requirements rate rider (SMIRR) is being applied for to recover the prospective annualized incremental revenue requirement for the approved smart meters, until PUC's 2013 cost of service rate order, at which time the assets and costs are incorporated into the rate base and revenue requirement and recovered on an on-going basis through base rates.

As in a cost of service rate application, when the smart meter costs are approved for 100% deployment, in this stand-alone application, capital and operating costs for smart meters on a going-forward basis are no longer recorded in Account 1555

and 1556; instead the costs are recorded in the applicable capital and operating expenses accounts.

PUC has calculated a rate class specific rate rider. The SMDR and the SMIRR are proposed to be collected over a 1 year period from May 1, 2012 to April 30, 2013.

TABLE 1 – Smart Meter Disposition Rider

Smart Meter Actual Cost Recovery Rate Rider - SMDR Calculated by Rate Class				
	Total	Residential	GS < 50	GS > 50
Allocators				
Average Smart Meter Unit Cost		\$ 159.05	\$ 499.37	\$ 862.01
Smart Meter Cost	\$ 6,585,019	\$ 4,673,630	\$ 1,617,444	\$ 293,945
Allocation of Smart Meter Costs	100.00%	70.97%	24.56%	4.46%
Number of meters installed	32,965	29,385	3,239	341
Allocation of Number of meters installed	100.00%	89.14%	9.83%	1.03%
Total Return (deemed interest plus return on equity)	\$ 885,647	\$ 789,466	\$ 87,020	\$ 9,161
Amortization	\$ 987,547	\$ 700,898	\$ 242,566	\$ 44,083
OM&A	\$ 511,376	\$ 455,841	\$ 50,246	\$ 5,290
Revenue Requirement before PILs	\$ 2,384,570	\$ 1,946,205	\$ 379,832	\$ 58,534
PILs	\$ 142,188	\$ 116,049	\$ 22,649	\$ 3,490
Total Revenue Requirement 2006 to 2012	\$ 2,526,758	\$ 2,062,254	\$ 402,480	\$ 62,024
	100.00%	81.62%	15.93%	2.45%
Smart Meter Rate Adder Revenues	(\$2,272,720)	(\$1,999,994)	(\$249,999)	(\$22,727)
Smart Meter True-up	\$ 254,038	\$ 207,337	\$ 40,465	\$ 5,089
Metered Customers 2012	32,965	29,385	3,239	341
Rate Rider to Recover Smart Meter Costs (per month)	\$ 0.64	\$ 0.59	\$ 1.04	\$ 1.24

TABLE 2 – Smart Meter Incremental Revenue Rate Rider

Smart Meter Actual Cost Recovery Rate Rider - SMIRR By rate Class				
	Total	Residential	GS < 50	GS < 50
Allocators				
Average Smart Meter Unit Cost		\$ 159.05	\$ 499.37	\$ 862.01
Smart Meter Cost	\$ 6,585,019	\$ 4,673,630	\$ 1,617,444	\$ 293,945
Allocation of Smart Meter Costs	100.00%	70.97%	24.56%	4.46%
Number of meters installed	32,965	29,385	3,239	341
Allocation of Number of meters installed	100.00%	89.14%	9.83%	1.03%
Total Return (deemed interest plus return on equity)	\$ 349,957	\$ 248,377	\$ 85,958	\$ 11,087
Amortization	\$ 500,092	\$ 354,933	\$ 122,835	\$ 15,844
OM&A	\$ 356,733	\$ 317,992	\$ 35,051	\$ 3,289
Revenue Requirement before PILs	\$ 1,206,782	\$ 921,303	\$ 243,844	\$ 30,220
PILs	\$ 72,028	\$ 54,989	\$ 14,554	\$ 1,804
Total 2012 Incremental Revenue Requirement	\$ 1,278,810	\$ 976,292	\$ 258,398	\$ 32,024
Metered Customers	32,965	29,385	3,239	341
Rate Rider to Recover Smart Meter Costs	\$ 3.23	\$ 2.77	\$ 6.65	\$ 7.83

Conclusion

PUC respectfully submits that the costs necessary to fulfill its obligations under the provincially mandated Smart Meter initiative have been prudently incurred in accordance with Board guidelines; the proposed riders are just and reasonable, the associated customer bill impacts are minimal; and it is appropriate that the Board approve the proposed recovery riders at this time, for implementation effective May 1, 2012. PUC has not had any approved smart meter costs in prior applications.

BILL IMPACTS

Residential

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	8.73	8.75
Smart Meter Funding Adder	1.68	-
Service Charge Rate Rider(s)	-	3.36
Distribution Volumetric Rate	0.01510	0.01513
Distribution Volumetric Rate Rider(s)	(0.00220)	0.00064
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	0.00610	0.00530
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00000	0.00000
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0020	0.0020
Loss Factor	1.0454	1.0454

Consumption	800	kWh	kW
RPP Tier One	600	kWh	Load Factor

Current Loss Factor	1.0454
Proposed Loss Factor	1.0454

Residential	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	37.65%
Energy Second Tier (kWh)	236.32	0.0790	18.67	236.32	0.0790	18.67	0.00	0.00%	17.23%
Sub-Total: Energy			59.47			59.47	0.00	0.00%	54.87%
Service Charge	1	8.73	8.73	1	8.75	8.75	0.02	0.18%	8.07%
Service Charge Rate Rider(s)	1	1.68	1.68	1	3.36	3.36	1.68	100.00%	3.10%
Distribution Volumetric Rate	800	0.0151	12.08	800	0.0151	12.10	0.02	0.18%	11.17%
Low Voltage Volumetric Rate	800	0.0000	0.00	800	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	800	(0.0022)	(1.76)	800	0.0006	0.51	2.27	(129.01)%	0.47%
Total: Distribution			20.73			24.72	3.99	19.24%	22.81%
Retail Transmission Rate – Network Service Rate	836.32	0.0061	5.10	836.32	0.0053	4.43	-0.67	(13.11)%	4.09%
Retail Transmission Rate – Line and Transformation Connection Service Rate	836.32	0.0000	0.00	836.32	0.0000	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			5.10			4.43	-0.67	(13.11)%	4.09%
Sub-Total: Delivery (Distribution and Retail Transmission)			25.83			29.15	3.32	12.85%	26.90%
Wholesale Market Service Rate	836.32	0.0052	4.35	836.32	0.0052	4.35	0.00	0.00%	4.01%
Rural Rate Protection Charge	836.32	0.0013	1.09	836.32	0.0013	1.09	0.00	0.00%	1.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%
Sub-Total: Regulatory			5.69			5.69			5.25%
Debt Retirement Charge (DRC)	800.00	0.00200	1.60	800	0.0020	1.60	0.00	0.00%	1.48%
Total Bill before Taxes			92.59			95.91	3.32	3.58%	88.50%
HST		13%	12.04		13%	12.47	0.43	3.58%	11.50%
Total Bill			104.62			108.37	3.75	3.58%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-10.46		(10%)	-10.84			
Total Bill (less OCEB)			94.16			97.54	3.38	3.58%	

General Service Less Than 50 kW

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	14.87	14.90
Smart Meter Funding Adder	1.68	-
Service Charge Rate Rider(s)	-	7.69
Distribution Volumetric Rate	0.01780	0.01783
Distribution Volumetric Rate Rider(s)	(0.00210)	(0.00106)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	0.00560	0.00480
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00000	0.00000
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0020	0.0020
Loss Factor	1.0454	1.0454

Consumption	28,000	kWh	kW
RPP Tier One	600	kWh	Load Factor

Current Loss Factor	1.0454
Proposed Loss Factor	1.0454

General Service Less Than 50 kW	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	1.13%
Energy Second Tier (kWh)	28,671.20	0.0790	2,265.02	28,671.20	0.0790	2,265.02	0.00	0.00%	62.94%
Sub-Total: Energy			2,305.82			2,305.82	0.00	0.00%	64.07%
Service Charge	1	14.87	14.87	1	14.90	14.90	0.03	0.18%	0.41%
Service Charge Rate Rider(s)	1	1.68	1.68	1	7.69	7.69	6.01	357.74%	0.21%
Distribution Volumetric Rate	28,000	0.0178	498.40	28,000	0.0178	499.30	0.90	0.18%	13.87%
Low Voltage Volumetric Rate	28,000	0.0000	0.00	28,000	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	28,000	(0.0021)	(58.80)	28,000	(0.0011)	(29.79)	29.01	(49.34)%	(0.83)%
Total: Distribution			456.15			492.10	35.95	7.88%	13.67%
Retail Transmission Rate – Network Service Rate	29,271.20	0.0056	163.92	29,271.20	0.0048	140.50	-23.42	(14.29)%	3.90%
Retail Transmission Rate – Line and Transformation Connection Service Rate	29,271.20	0.0000	0.00	29,271.20	0.0000	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			163.92			140.50	-23.42	(14.29)%	3.90%
Sub-Total: Delivery (Distribution and Retail Transmission)			620.07			632.60	12.53	2.02%	17.58%
Wholesale Market Service Rate	29,271.20	0.0052	152.21	29,271.20	0.0052	152.21	0.00	0.00%	4.23%
Rural Rate Protection Charge	29,271.20	0.0013	38.05	29,271.20	0.0013	38.05	0.00	0.00%	1.06%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
Sub-Total: Regulatory			190.51			190.51			5.29%
Debt Retirement Charge (DRC)	28,000.00	0.00200	56.00	28,000	0.0020	56.00	0.00	0.00%	1.56%
Total Bill before Taxes			3,172.41			3,184.94	12.53	0.39%	88.50%
HST		13%	412.41		13%	414.04	1.63	0.39%	11.50%
Total Bill			3,584.82			3,598.98	14.16	0.39%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-358.48		(10%)	-359.90			
Total Bill (less OCEB)			3,226.34			3,239.08	12.74	0.39%	

Rate Class

General Service 50 to 4,999 kW

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	145.46	145.72
Smart Meter Funding Adder	1.68	-
Service Charge Rate Rider(s)	-	9.07
Distribution Volumetric Rate	4.38480	4.39269
Distribution Volumetric Rate Rider(s)	(0.35890)	(0.39647)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	2.29470	1.97910
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00000	0.00000
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0020	0.0020
Loss Factor	1.0454	1.0454

Consumption	1,086,240	kWh	2.480	kW
		kWh	Load Factor	60.0%

Current Loss Factor	1.0454
Proposed Loss Factor	1.0454

General Service 50 to 4,999 kW	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,135,555.30	0.0680	77,217.76	1,135,555	0.0680	77,217.76	0.00	0.00%	39.61%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			77,217.76			77,217.76	0.00	0.00%	39.61%
Service Charge	1	145.46	145.46	1	145.72	145.72	0.26	0.18%	0.07%
Service Charge Rate Rider(s)	1	1.68	1.68	1	9.07	9.07	7.39	439.88%	0.00%
Distribution Volumetric Rate	2,480	4.3848	10,874.30	2,480	4.3927	10,893.88	19.57	0.18%	5.59%
Low Voltage Volumetric Rate	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	2,480	(0.3589)	(890.07)	2,480	(0.3965)	(983.25)	-93.18	10.47%	(0.50)%
Total: Distribution			10,131.37			10,065.42	-65.95	(0.65)%	5.16%
Retail Transmission Rate – Network Service Rate	2,480.00	2.2947	5,690.86	2,480.00	1.9791	4,908.17	-782.69	(13.75)%	2.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480.00	0.0000	0.00	2,480.00	0.0000	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			5,690.86			4,908.17	-782.69	(13.75)%	2.52%
Sub-Total: Delivery (Distribution and Retail Transmission)			15,822.23			14,973.59	-848.64	(5.36)%	7.68%
Wholesale Market Service Rate	1,135,555.30	0.0052	5,904.89	1,135,555.30	0.0052	5,904.89	0.00	0.00%	3.03%
Rural Rate Protection Charge	1,135,555.30	0.0013	1,476.22	1,135,555.30	0.0013	1,476.22	0.00	0.00%	0.76%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			7,381.36			7,381.36			3.79%
Debt Retirement Charge (DRC)	1,086,240.00	0.00200	2,172.48	1,086,240	0.0020	2,172.48	0.00	0.00%	1.11%
Total Bill before Taxes			102,593.83			101,745.19	-848.64	(0.83)%	52.19%
HST		13%	13,337.20		13%	13,226.87	-110.32	(0.83)%	6.78%
Total Bill			115,931.03			114,972.06	-958.97	(0.83)%	58.97%
Ontario Clean Energy Benefit (OCEB)		(10%)	-11,593.10		(10%)	-11,497.21			
Total Bill (less OCEB)			104,337.92			103,474.85	(863.07)	(0.83)%	

Unmetered Scattered Load

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	11.03	11.05
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	-	-
Distribution Volumetric Rate	0.02710	0.02715
Distribution Volumetric Rate Rider(s)	(0.00260)	(0.00137)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	0.00560	0.00480
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00000	0.00000
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0020	0.0020
Loss Factor	1.0454	1.0454

Consumption	28,000	kWh	kW
RPP Tier One	600	kWh	Load Factor

Current Loss Factor	1.0454
Proposed Loss Factor	1.0454

Unmetered Scattered Load	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	1.05%
Energy Second Tier (kWh)	28,671.20	0.0790	2,265.02	28,671.20	0.0790	2,265.02	0.00	0.00%	58.51%
Sub-Total: Energy			2,305.82			2,305.82	0.00	0.00%	59.57%
Service Charge	1	11.03	11.03	1	11.05	11.05	0.02	0.18%	0.29%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	28,000	0.0271	758.80	28,000	0.0271	760.17	1.37	0.18%	19.64%
Low Voltage Volumetric Rate	28,000	0.0000	0.00	28,000	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	28,000	(0.0026)	(72.80)	28,000	(0.0014)	(38.47)	34.33	(47.16)%	(0.99)%
Total: Distribution			697.03			732.75	35.72	5.12%	18.93%
Retail Transmission Rate – Network Service Rate	29,271.20	0.0056	163.92	29,271.20	0.0048	140.50	-23.42	(14.29)%	3.63%
Retail Transmission Rate – Line and Transformation Connection Service Rate	29,271.20	0.0000	0.00	29,271.20	0.0000	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			163.92			140.50	-23.42	(14.29)%	3.63%
Sub-Total: Delivery (Distribution and Retail Transmission)			860.95			873.25	12.30	1.43%	22.56%
Wholesale Market Service Rate	29,271.20	0.0052	152.21	29,271.20	0.0052	152.21	0.00	0.00%	3.93%
Rural Rate Protection Charge	29,271.20	0.0013	38.05	29,271.20	0.0013	38.05	0.00	0.00%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
Sub-Total: Regulatory			190.51			190.51			4.92%
Debt Retirement Charge (DRC)	28,000.00	0.00200	56.00	28,000	0.0020	56.00	0.00	0.00%	1.45%
Total Bill before Taxes			3,413.29			3,425.59	12.30	0.36%	88.50%
HST		13%	443.73		13%	445.33	1.60	0.36%	11.50%
Total Bill			3,857.01			3,870.91	13.90	0.36%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-385.70		(10%)	-387.09			
Total Bill (less OCEB)			3,471.31			3,483.82	12.51	0.36%	

Rate Class

Sentinel Lighting

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	2.55	2.55
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	-	-
Distribution Volumetric Rate	23.76590	23.80868
Distribution Volumetric Rate Rider(s)	(1.27550)	(1.04377)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	1.73950	1.50020
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00000	0.00000
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0020	0.0020
Loss Factor	1.0454	1.0454

Consumption	626	kWh	2	kW
		kWh	Load Factor	

Current Loss Factor	1.0454
Proposed Loss Factor	1.0454

Sentinel Lighting	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	654.42	0.0680	44.50	654	0.0680	44.50	0.00	0.00%	0.01%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			44.50			44.50	0.00	0.00%	0.01%
Service Charge	1	2.55	2.55	1	2.55	2.55	0.00	0.18%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2	23.7659	57.75	2	23.8087	57.86	0.10	0.18%	0.01%
Low Voltage Volumetric Rate	2	0.0000	0.00	2	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	2	(1.2755)	(3.10)	2	(1.0438)	(2.54)	0.56	(18.17)%	(0.00)%
Total: Distribution			57.20			57.87	0.67	1.17%	0.01%
Retail Transmission Rate – Network Service Rate	2.43	1.7395	4.23	2.43	1.5002	3.65	-0.58	(13.76)%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2.43	0.0000	0.00	2.43	0.0000	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			4.23			3.65	-0.58	(13.76)%	0.00%
Sub-Total: Delivery (Distribution and Retail Transmission)			61.43			61.52	0.09	0.15%	0.01%
Wholesale Market Service Rate	654.42	0.0052	3.40	654.42	0.0052	3.40	0.00	0.00%	0.00%
Rural Rate Protection Charge	654.42	0.0013	0.85	654.42	0.0013	0.85	0.00	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.2500	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			4.50			4.50			0.00%
Debt Retirement Charge (DRC)	626.00	0.002	1.25	626	0.0020	1.25	0.00	0.00%	0.00%
Total Bill before Taxes			111.68			111.78	0.09	0.08%	0.01%
HST		13%	14.52		13%	14.53	0.01	0.08%	0.00%
Total Bill			126.20			126.31	0.10	0.08%	0.02%
Ontario Clean Energy Benefit (OCEB)		(10%)	-12.62		(10%)	-12.63			
Total Bill (less OCEB)			113.58			113.68	0.09	0.08%	

Street Lighting

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	2.56	2.56
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	-	-
Distribution Volumetric Rate	16.65790	16.68788
Distribution Volumetric Rate Rider(s)	(1.12430)	(0.78603)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	1.73060	1.49260
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00000	0.00000
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0020	0.0020
Loss Factor	1.0454	1.0454

Consumption	626	kWh	2	kW
		kWh	Load Factor	

Current Loss Factor	1.0454
Proposed Loss Factor	1.0454

Street Lighting	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	654.42	0.0680	44.50	654	0.0680	44.50	0.00	0.00%	0.01%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			44.50			44.50	0.00	0.00%	0.01%
Service Charge	1	2.56	2.56	1	2.56	2.56	0.00	0.18%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2	16.6579	40.48	2	16.6879	40.55	0.07	0.18%	0.01%
Low Voltage Volumetric Rate	2	0.0000	0.00	2	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	2	(1.1243)	(2.73)	2	(0.7860)	(1.91)	0.82	(30.09)%	(0.00)%
Total: Distribution			40.31			41.21	0.90	2.23%	0.01%
Retail Transmission Rate – Network Service Rate	2.43	1.7306	4.21	2.43	1.4926	3.63	-0.58	(13.75)%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2.43	0.0000	0.00	2.43	0.0000	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			4.21			3.63	-0.58	(13.75)%	0.00%
Sub-Total: Delivery (Distribution and Retail Transmission)			44.51			44.83	0.32	0.72%	0.01%
Wholesale Market Service Rate	654.42	0.0052	3.40	654.42	0.0052	3.40	0.00	0.00%	0.00%
Rural Rate Protection Charge	654.42	0.0013	0.85	654.42	0.0013	0.85	0.00	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.2500	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			4.50			4.50			0.00%
Debt Retirement Charge (DRC)	626.00	0.002	1.25	626	0.0020	1.25	0.00	0.00%	0.00%
Total Bill before Taxes			94.77			95.09	0.32	0.34%	0.02%
HST		13%	12.32		13%	12.36	0.04	0.34%	0.00%
Total Bill			107.09			107.45	0.36	0.34%	0.02%
Ontario Clean Energy Benefit (OCEB)		(10%)	-10.71		(10%)	-10.75			
Total Bill (less OCEB)			96.38			96.71	0.33	0.34%	

PROPOSED RATE SCHEDULE

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0101

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning. 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 purposes 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 or assessments that are required by law to be charged 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 Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	8.75
Smart Meter Disposition Rider - Effective Until April 30, 2013	\$	0.59
Smart Meter Incremental Revenue Requirement Rider - Effective Until April 30, 2013	\$	2.77
Distribution Volumetric Rate	\$/kWh	0.0151
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	-0.0004
Lost Revenue Adjustment Mechanism Rate Rider - Effective Until April 30, 2013	\$/kWh	0.0019
Rate Rider for Deferral/Variance Account Disposition (2012)	\$/kWh	-0.0009
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers	\$/kWh	-0.0009
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0053

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

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0101

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 peak demand is less than, or is forecast to be less than, 50kW. 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 purposes 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 or assessments that are required by law to be charged 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 Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	14.90
Smart Meter Disposition Rider - Effective Until April 30, 2013	\$	1.04
Smart Meter Incremental Revenue Requirement Rider - Effective Until April 30, 2013	\$	6.65
Distribution Volumetric Rate	\$/kWh	0.0178
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	-0.0004
Lost Revenue Adjustment Mechanism Rate Rider - Effective Until April 30, 2013	\$/kWh	0.0002
Rate Rider for Deferral/Variance Account Disposition (2012)	\$/kWh	-0.0009
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers	\$/kWh	-0.0009
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0048

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

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0101

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly peak demand used for billing purposes over the past 12 months is equal to or greater than, or is forecast to be equal to or greater than, 50kW but less than 5,000 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 purposes 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 or assessments that are required by law to be charged 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 Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	145.72
Smart Meter Disposition Rider - Effective Until April 30, 2013	\$	1.24
Smart Meter Incremental Revenue Requirement Rider - Effective Until April 30, 2013	\$	7.83
Distribution Volumetric Rate	\$/kW	4.3927
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	-0.0927
Lost Revenue Adjustment Mechanism Rate Rider - Effective Until April 30, 2013	\$/kW	0.0294
Rate Rider for Deferral/Variance Account Disposition (2012)	\$/kW	-0.3332
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers	\$/kW	-0.3407
Retail Transmission Rate – Network Service Rate	\$/kW	1.9791
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.489

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

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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EB-2011-0101

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 purposes 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.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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 Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	11.05
Distribution Volumetric Rate	\$/kWh	0.0271
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	-0.0005
Rate Rider for Deferral/Variance Account Disposition (2012)	\$/kWh	-0.001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0048

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

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0101

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.55
Distribution Volumetric Rate	\$/kW	23.8087
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	-0.6986
Rate Rider for Deferral/Variance Account Disposition (2012)	\$/kW	-0.4277
Retail Transmission Rate – Network Service Rate	\$/kW	1.5002

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

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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EB-2011-0101

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 operation, 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 purposes 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.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged 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 Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.56
Distribution Volumetric Rate	\$/kW	16.6879
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	-0.4907
Rate Rider for Deferral/Variance Account Disposition (2012)	\$/kW	-0.3421
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers	\$/kW	-0.2815
Retail Transmission Rate – Network Service Rate	\$/kW	1.4926

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

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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EB-2011-0101

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.

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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 the Ministry of Energy Conservation and Renewable Energy Programs, the Global Adjustment, the Ontario Clean Energy

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
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PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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EB-2011-0101

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

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
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
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment		Time & materials
Service call - after regular hours		Time & materials
Temporary service install & remove - overhead - no transformer		Time & materials
Temporary service install & remove - underground - no transformer		Time & materials
Temporary service install & remove - overhead - with transformer		Time & materials
Removal of overhead lines – during regular hours		Time & materials
Removal of overhead lines – after hours		Time & materials
Roadway escort – after regular hours		Time & materials

PUC Distribution Inc.
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 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	\$	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	1.0454
Distribution Loss Factor - Primary Metered Customer < 5,000 kW	1.0350

APPENDIX A

Smart Meter Model

V 2.17

 Ontario Energy Board
Smart Meter Model

Choose Your Utility:

PowerStream Inc. - South
PUC Distribution Inc.

Application Contact Information

Name: Jennifer Uchmanowicz

Title: Rates and Regulatory Affairs Officer

Phone Number: 705-759-3009

Email Address: Jennifer.Uchmanowicz@ssmpuc.com

We are applying for rates effective: May 1, 2012

Last COS Re-based Year: 2008

Copyright

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION FIELD



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 OM&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 OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&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 Unaudited Actual	2012 and later Forecast	Total
Residential				26,079	3,085	221		29385
General Service < 50 kW				1,592	1,507	140		3239
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	0	0	0	27671	4592	361	0	32624
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.00%	0.00%	0.00%	84.82%	98.89%	100.00%	0.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed						158	183	341
Other (please identify)								0
Total Number of Smart Meters installed or planned to be installed	0	0	0	27671	4592	519	183	32965

1 Capital Costs

1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

1.1.1 Smart Meters (may include new meters and modules, etc.)

1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)

1.1.3a Workforce Automation Hardware (may include fieldwork handhelds, barcode hardware, etc.)

1.1.3b Workforce Automation Software (may include fieldwork handhelds, barcode hardware, etc.)

Total Advanced Metering Communications Devices (AMCD)

Asset Type
Asset type must be
selected to enable
calculations

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
Smart Meter				2,480,806	1,296,261	201,945	129,000	\$ 4,108,012
Smart Meter				576,053	208,045	23,526	50,000	\$ 857,624
Computer Hardware				6,760				\$ 6,760
Computer Software				37,476				\$ 37,476
	\$ -	\$ -	\$ -	\$ 3,101,095	\$ 1,504,306	\$ 225,471	\$ 179,000	\$ 5,009,872

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

1.2.1 Collectors

1.2.2 Repeaters (may include radio licence, etc.)

1.2.3 Installation (may include meter seals and rings, collector computer hardware, etc.)

Total Advanced Metering Regional Collector (AMRC) (Includes LAN)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast		
Smart Meter				445,669				\$	445,669
Smart Meter				13,753	18,499	7,070		\$	39,322
Smart Meter				34,761	4,077	460		\$	39,298
	\$ -	\$ -	\$ -	\$ 494,183	\$ 22,576	\$ 7,530	\$ -	\$	524,269

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

1.3.1 Computer Hardware

1.3.2 Computer Software

1.3.3 Computer Software Licences & Installation (includes hardware and software)
(may include AS/400 disk space, backup and recovery computer, UPS, etc.)

Total Advanced Metering Control Computer (AMCC)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast		
								\$	-
Computer Software						2,494		\$	2,494
								\$	-
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,494	\$ -	\$	2,494

1.4 WIDE AREA NETWORK (WAN)

1.4.1 Activation Fees

Total Wide Area Network (WAN)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast		
								\$	-
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

1.5.1 Customer Equipment (including repair of 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

Total Capital Costs Related to Minimum Functionality

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast		
Computer Hardware							5,000	\$	5,000
Computer Software					2,696	2,750	10,000	\$	15,448
Computer Software				98,990	10,443	35,622		\$	145,055
Computer Software				52,303	173,872	57,802		\$	283,977
Smart Meter		53,653	81,756	36,466	44,824	36,700	12,000	\$	265,399
Computer Software				567			81,600	\$	82,167
	\$ -	\$ 53,653	\$ 81,756	\$ 188,326	\$ 231,837	\$ 132,874	\$ 108,600	\$	797,046
	\$ -	\$ 53,653	\$ 81,756	\$ 3,783,604	\$ 1,758,719	\$ 368,369	\$ 287,600	\$	6,333,701

1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of 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.Reg 425/06

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 MDM/R, etc.

Total Capital Costs Beyond Minimum Functionality

Total Smart Meter Capital Costs

2 OM&A Expenses

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

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

2.1.2 Other (please specify)

AMI Operating Fees

Total Incremental AMCD OM&A Costs

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

2.2.1 Maintenance

2.2.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

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

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

2.3.2 Other (please specify)

Total Incremental AMCC OM&A Costs

2.4 WIDE AREA NETWORK (WAN)

2.4.1 WAN Maintenance

2.4.2 Other (please specify)

Total Incremental AMRC OM&A Costs

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
Computer Software								\$ -
Smart Meter					238,499	12,819		\$ 251,318
Smart Meter								\$ -
Total Capital Costs Beyond Minimum Functionality	\$ -	\$ -	\$ -	\$ -	\$ 238,499	\$ 12,819	\$ -	\$ 251,318
Total Smart Meter Capital Costs	\$ -	\$ 53,653	\$ 81,756	\$ 3,783,604	\$ 1,997,218	\$ 381,188	\$ 287,600	\$ 6,585,019

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
2.1.1 Maintenance				62,086	10,904	60,001		\$ 132,991
2.1.2 Other (please specify)					19,587	94,437	150,000	\$ 264,024
Total Incremental AMCD OM&A Costs	\$ -	\$ -	\$ -	\$ 62,086	\$ 30,491	\$ 154,438	\$ 150,000	\$ 397,015
2.2.1 Maintenance								\$ -
2.2.2 Other (please specify)								\$ -
Total Incremental AMRC OM&A Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.3.1 Hardware Maintenance								\$ -
2.3.2 Software Maintenance								\$ -
2.3.2 Other (please specify)								\$ -
Total Incremental AMCC OM&A Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.4.1 WAN Maintenance					15,023	7,907	4,400	\$ 27,330
2.4.2 Other (please specify)								\$ -
Total Incremental AMRC OM&A Costs	\$ -	\$ -	\$ -	\$ -	\$ 15,023	\$ 7,907	\$ 4,400	\$ 27,330

2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.5.1 Business Process Redesign						40,000	\$	40,000
2.5.2 Customer Communication (may include project communication, etc.)				13,129	129,661	30,000	\$	172,790
2.5.3 Program Management						45,000	\$	45,000
2.5.4 Change Management (may include training, etc.)							\$	-
2.5.5 Administration Costs					1,272		\$	1,272
2.5.6 Other AMI Expenses (please specify)				53,757	43,612	82,333	\$	179,702
Total Other AMI OM&A Costs Related to Minimum Functionality	\$ -	\$ -	\$ -	\$ -	\$ 66,886	\$ 174,545	\$ 197,333	\$ 438,764
TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY	\$ -	\$ -	\$ -	\$ 62,086	\$ 112,400	\$ 336,890	\$ 351,733	\$ 863,109

2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY

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

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

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

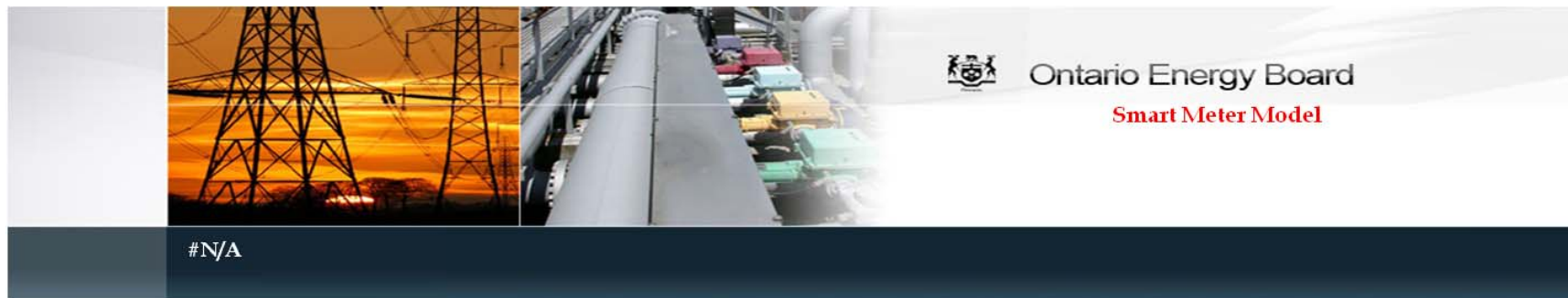
2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

Total OM&A Costs Beyond Minimum Functionality	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
Total Smart Meter OM&A Costs	\$ -	\$ -	\$ -	\$ 62,086	\$ 112,400	\$ 336,890	\$ 356,733	\$ 868,109

3 Aggregate Smart Meter Costs by Category

3.1	Capital								
3.1.1	Smart Meter	\$ -	\$ 53,653	\$ 81,756	\$ 3,587,508	\$ 1,810,205	\$ 282,520	\$ 191,000	\$ 6,006,642
3.1.2	Computer Hardware	\$ -	\$ -	\$ -	\$ 6,760	\$ -	\$ -	\$ 5,000	\$ 11,760
3.1.3	Computer Software	\$ -	\$ -	\$ -	\$ 189,336	\$ 187,013	\$ 98,668	\$ 91,600	\$ 566,617
3.1.4	Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.1.5	Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.1.6	Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.1.7	Total Capital Costs	\$ -	\$ 53,653	\$ 81,756	\$ 3,783,604	\$ 1,997,218	\$ 381,188	\$ 287,600	\$ 6,585,019
3.2	OM&A Costs								
3.2.1	Total OM&A Costs	\$ -	\$ -	\$ -	\$ 62,086	\$ 112,400	\$ 336,890	\$ 356,733	\$ 868,109

[illegible]



	2006	2007	2008	2009	2010	2011	2012 and later
Net Fixed Assets - Smart Meters							
Gross Book Value							
Opening Balance		\$ -	\$ 53,653	\$ 135,409	\$ 3,722,917	\$ 5,533,122	\$ 5,815,642
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ 53,653	\$ 81,756	\$ 3,587,508	\$ 1,810,205	\$ 282,520	\$ 191,000
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ 53,653	\$ 135,409	\$ 3,722,917	\$ 5,533,122	\$ 5,815,642	\$ 6,006,642
Accumulated Depreciation							
Opening Balance		\$ -	\$ 1,788	\$ 8,091	\$ 136,701	\$ 445,236	\$ 823,528
Amortization expense during year	\$ -	\$ 1,788	\$ 6,302	\$ 128,611	\$ 308,535	\$ 378,292	\$ 394,076
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ 1,788	\$ 8,091	\$ 136,701	\$ 445,236	\$ 823,528	\$ 1,217,604
Net Book Value							
Opening Balance	\$ -	\$ -	\$ 51,865	\$ 127,319	\$ 3,586,216	\$ 5,087,886	\$ 4,992,114
Closing Balance	\$ -	\$ 51,865	\$ 127,319	\$ 3,586,216	\$ 5,087,886	\$ 4,992,114	\$ 4,789,038
Average Net Book Value	\$ -	\$ 25,932	\$ 89,592	\$ 1,856,767	\$ 4,337,051	\$ 5,040,000	\$ 4,890,576
Net Fixed Assets - Computer Hardware							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ 6,760	\$ 6,760	\$ 6,760
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 6,760	\$ -	\$ -	\$ 5,000
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 6,760	\$ 6,760	\$ 6,760	\$ 11,760
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 676	\$ 2,028	\$ 3,380
Amortization expense during year	\$ -	\$ -	\$ -	\$ 676	\$ 1,352	\$ 1,352	\$ 1,852
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 676	\$ 2,028	\$ 3,380	\$ 5,232
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 6,084	\$ 4,732	\$ 3,380
Closing Balance	\$ -	\$ -	\$ -	\$ 6,084	\$ 4,732	\$ 3,380	\$ 6,528
Average Net Book Value	\$ -	\$ -	\$ -	\$ 3,042	\$ 5,408	\$ 4,056	\$ 4,954

Net Fixed Assets - Computer Software (including Applications Software)

Gross Book Value

Opening Balance		\$ -	\$ -	\$ -	\$ 189,336	\$ 376,349	\$ 475,017
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 189,336	\$ 187,013	\$ 98,668	\$ 91,600
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 189,336	\$ 376,349	\$ 475,017	\$ 566,617

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 18,934	\$ 75,502	\$ 160,639
Amortization expense during year	\$ -	\$ -	\$ -	\$ 18,934	\$ 56,569	\$ 85,137	\$ 104,163
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 18,934	\$ 75,502	\$ 160,639	\$ 264,802

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 170,402	\$ 300,847	\$ 314,378
Closing Balance	\$ -	\$ -	\$ -	\$ 170,402	\$ 300,847	\$ 314,378	\$ 301,815
Average Net Book Value	\$ -	\$ -	\$ -	\$ 85,201	\$ 235,625	\$ 307,613	\$ 308,097

Net Fixed Assets - Tools and Equipment

Gross Book Value

Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Fixed Assets - Other Equipment

Gross Book Value

Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



	2006	2007	2008	2009	2010	2011	2012 and Later
Average Net Fixed Asset Values (from Sheet 4)							
Smart Meters	\$ -	\$ 25,932	\$ 89,592	\$ 1,856,767	\$ 4,337,051	\$ 5,040,000	\$ 4,890,576
Computer Hardware	\$ -	\$ -	\$ -	\$ 3,042	\$ 5,408	\$ 4,056	\$ 4,954
Computer Software	\$ -	\$ -	\$ -	\$ 85,201	\$ 235,625	\$ 307,613	\$ 308,097
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ 25,932	\$ 89,592	\$ 1,945,010	\$ 4,578,083	\$ 5,351,669	\$ 5,203,626
Working Capital							
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ -	\$ 62,086	\$ 112,400	\$ 336,890	\$ 356,733
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ -	\$ 9,313	\$ 16,860	\$ 50,534	\$ 53,510
Incremental Smart Meter Rate Base	\$ -	\$ 25,932	\$ 89,592	\$ 1,954,323	\$ 4,594,943	\$ 5,402,202	\$ 5,257,136
Return on Rate Base							
Capital Structure							
Deemed Short Term Debt	\$ -	\$ -	\$ 3,584	\$ 78,173	\$ 183,798	\$ 216,088	\$ 210,285
Deemed Long Term Debt	\$ -	\$ 14,522	\$ 50,171	\$ 1,094,421	\$ 2,573,168	\$ 3,025,233	\$ 2,943,996
Equity	\$ -	\$ 11,410	\$ 35,837	\$ 781,729	\$ 1,837,977	\$ 2,160,881	\$ 2,102,855
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ -	\$ 25,932	\$ 89,592	\$ 1,954,323	\$ 4,594,943	\$ 5,402,202	\$ 5,257,136
Return on							
Deemed Short Term Debt	\$ -	\$ -	\$ 160	\$ 1,040	\$ 3,805	\$ 5,316	\$ 4,374
Deemed Long Term Debt	\$ -	\$ 842	\$ 3,060	\$ 83,395	\$ 151,045	\$ 160,942	\$ 147,494
Equity	\$ -	\$ 981	\$ 3,071	\$ 62,617	\$ 181,041	\$ 207,012	\$ 198,089
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ -	\$ 1,824	\$ 6,292	\$ 147,051	\$ 335,890	\$ 373,271	\$ 349,957
Operating Expenses	\$ -	\$ -	\$ -	\$ 62,086	\$ 112,400	\$ 336,890	\$ 356,733
Amortization Expenses (from Sheet 4)							
Smart Meters	\$ -	\$ 1,788	\$ 6,302	\$ 128,611	\$ 308,535	\$ 378,292	\$ 394,076
Computer Hardware	\$ -	\$ -	\$ -	\$ 676	\$ 1,352	\$ 1,352	\$ 1,852
Computer Software	\$ -	\$ -	\$ -	\$ 18,934	\$ 56,569	\$ 85,137	\$ 104,163
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ 1,788	\$ 6,302	\$ 148,220	\$ 366,455	\$ 464,781	\$ 500,092
Incremental Revenue Requirement before Taxes/PILs	\$ -	\$ 3,612	\$ 12,594	\$ 357,358	\$ 814,746	\$ 1,174,941	\$ 1,206,782
Calculation of Taxable Income							
Incremental Operating Expenses	\$ -	\$ -	\$ -	\$ 62,086	\$ 112,400	\$ 336,890	\$ 356,733
Amortization Expense	\$ -	\$ 1,788	\$ 6,302	\$ 148,220	\$ 366,455	\$ 464,781	\$ 500,092
Interest Expense	\$ -	\$ 842	\$ 3,221	\$ 84,435	\$ 154,850	\$ 166,258	\$ 151,868
Net Income for Taxes/PILs	\$ -	\$ 981	\$ 3,071	\$ 62,617	\$ 181,041	\$ 207,012	\$ 198,089
Grossed-up Taxes/PILs (from Sheet 7)	\$ -	\$ 469.30	\$ 1,285.16	\$ 22,184.47	\$ 54,474.67	\$ 63,774.09	\$ 72,028.16
Revenue Requirement, including Grossed-up Taxes/PILs	\$ -	\$ 4,081	\$ 13,879	\$ 379,542	\$ 869,220	\$ 1,238,715	\$ 1,278,810



For PILs Calculation

UCC - Smart Meters

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ 51,506.88	\$ 125,872.09	\$ 3,559,810.00	\$ 5,012,822.00	\$ 4,883,015.44
Capital Additions	\$ -	\$ 53,653.00	\$ 81,756.00	\$ 3,587,608.00	\$ 1,810,205.00	\$ 282,520.00	\$ 191,000.00
Retirements/Removals (if applicable)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ 53,653.00	\$ 133,262.88	\$ 3,713,380.09	\$ 5,370,015.00	\$ 5,295,342.00	\$ 5,074,015.44
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ 26,826.50	\$ 40,878.00	\$ 1,793,754.00	\$ 905,102.50	\$ 141,260.00	\$ 95,500.00
Reduced UCC	\$ -	\$ 26,826.50	\$ 92,384.88	\$ 1,919,626.09	\$ 4,464,912.50	\$ 5,154,082.00	\$ 4,978,515.44
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ 2,146.12	\$ 7,390.79	\$ 153,670.09	\$ 357,193.00	\$ 412,326.56	\$ 398,281.24
Closing UCC	\$ -	\$ 51,506.88	\$ 125,872.09	\$ 3,559,810.00	\$ 5,012,822.00	\$ 4,883,015.44	\$ 4,675,734.21

UCC - Computer Equipment

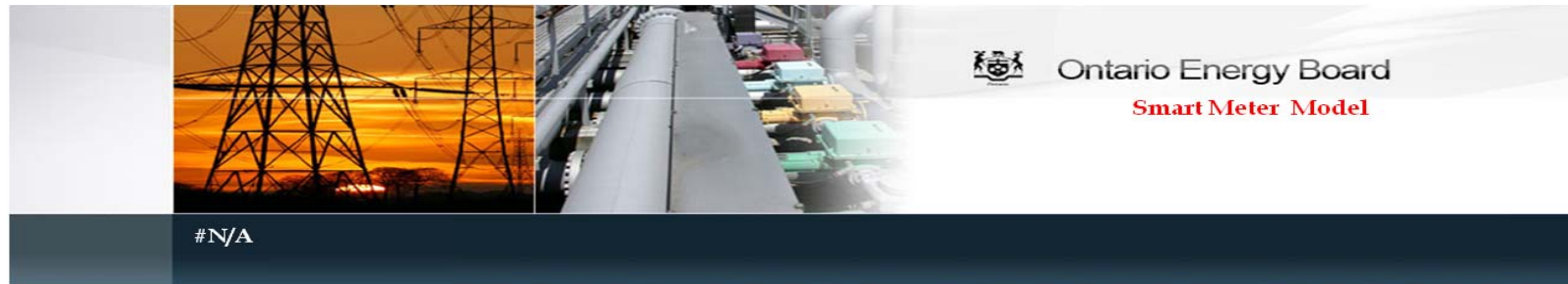
	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 166,681.60	\$ 275,638.17	\$ 276,814.52
Capital Additions Computer Hardware	\$ -	\$ -	\$ -	\$ 6,760.00	\$ -	\$ -	\$ 5,000.00
Capital Additions Computer Software	\$ -	\$ -	\$ -	\$ 189,336.00	\$ 187,013.00	\$ 98,668.00	\$ 91,600.00
Retirements/Removals (if applicable)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 196,096.00	\$ 353,694.60	\$ 374,306.17	\$ 373,414.52
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 98,048.00	\$ 93,506.50	\$ 49,334.00	\$ 48,300.00
Reduced UCC	\$ -	\$ -	\$ -	\$ 98,048.00	\$ 260,188.10	\$ 324,972.17	\$ 325,114.52
CCA Rate Class	10	10	10	10	10	10	10
CCA Rate	30%	30%	30%	30%	30%	30%	30%
CCA	\$ -	\$ -	\$ -	\$ 29,414.40	\$ 78,056.43	\$ 97,491.65	\$ 97,534.36
Closing UCC	\$ -	\$ -	\$ -	\$ 166,681.60	\$ 275,638.17	\$ 276,814.52	\$ 275,880.16

UCC - General Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	8	8	8	8	8	8	8
CCA Rate	20%	20%	20%	20%	20%	20%	20%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

UCC - Applications Software

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



PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
INCOME TAX							
Net Income	\$ -	\$ 981.28	\$ 3,071.20	\$ 62,616.51	\$ 181,040.77	\$ 207,012.38	\$ 198,088.90
Amortization	\$ -	\$ 1,788.43	\$ 6,302.07	\$ 148,220.47	\$ 366,455.13	\$ 464,780.73	\$ 500,091.53
CCA - Smart Meters	\$ -	\$ 2,146.12	\$ 7,390.79	\$ 153,570.09	\$ 357,193.00	\$ 412,326.56	\$ 398,281.24
CCA - Computers	\$ -	\$ -	\$ -	\$ 29,414.40	\$ 78,056.43	\$ 97,491.65	\$ 97,534.36
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ -	\$ 623.59	\$ 1,982.47	\$ 27,852.49	\$ 112,246.48	\$ 161,974.90	\$ 202,364.64
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Income Taxes Payable	\$ -	\$ 225.24	\$ 664.13	\$ 9,191.32	\$ 34,796.41	\$ 45,757.91	\$ 53,120.77
ONTARIO CAPITAL TAX							
Smart Meters	\$ -	\$ 51,864.57	\$ 127,318.50	\$ 3,586,215.63	\$ 5,087,886.00	\$ 4,992,113.87	\$ 4,789,037.73
Computer Hardware	\$ -	\$ -	\$ -	\$ 6,084.00	\$ 4,732.00	\$ 3,380.00	\$ 6,528.00
Computer Software (Including Application Software)	\$ -	\$ -	\$ -	\$ 170,402.40	\$ 300,846.90	\$ 314,378.30	\$ 301,814.90
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ -	\$ 51,864.57	\$ 127,318.50	\$ 3,762,702.03	\$ 5,393,464.90	\$ 5,309,872.17	\$ 5,097,380.63
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ -	\$ 51,864.57	\$ 127,318.50	\$ 3,762,702.03	\$ 5,393,464.90	\$ 5,309,872.17	\$ 5,097,380.63
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ 116.70	\$ 286.47	\$ 8,466.08	\$ 4,045.10	\$ -	\$ -
Change in Income Taxes Payable	\$ -	\$ 225.24	\$ 664.13	\$ 9,191.32	\$ 34,796.41	\$ 45,757.91	\$ 53,120.77
Change in OCT	\$ -	\$ 116.70	\$ 286.47	\$ 8,466.08	\$ 4,045.10	\$ -	\$ -
PILs	\$ -	\$ 341.94	\$ 950.60	\$ 17,657.40	\$ 38,841.51	\$ 45,757.91	\$ 53,120.77
Gross Up PILs							
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Change in Income Taxes Payable	\$ -	\$ 352.60	\$ 998.69	\$ 13,718.39	\$ 50,429.58	\$ 63,774.09	\$ 72,028.16
Change in OCT	\$ -	\$ 116.70	\$ 286.47	\$ 8,466.08	\$ 4,045.10	\$ -	\$ -
PILs	\$ -	\$ 469.30	\$ 1,285.16	\$ 22,184.47	\$ 54,474.67	\$ 63,774.09	\$ 72,028.16



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder (from Tariff)
2006 Q1			Jan-06	2006	Q1	\$ -		0.00%	\$ -	\$ -		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	\$ -		0.00%	\$ -	\$ -		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	\$ -		0.00%	\$ -	\$ -		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	\$ -		4.14%	\$ -	\$ -		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	\$ -	\$ 496.00	4.14%	\$ -	\$ 496.00		\$ 0.26
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ 496.00	\$ 6,502.00	4.14%	\$ 1.71	\$ 6,999.71		\$ 0.26
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 6,998.00	\$ 8,387.00	4.59%	\$ 26.77	\$ 15,411.77		\$ 0.26
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 15,385.00	\$ 8,373.00	4.59%	\$ 58.85	\$ 23,816.85		\$ 0.26
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 23,758.00	\$ 8,377.00	4.59%	\$ 90.87	\$ 32,225.87		\$ 0.26
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 32,135.00	\$ 8,373.00	4.59%	\$ 122.92	\$ 40,630.92		\$ 0.26
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 40,508.00	\$ 8,934.00	4.59%	\$ 154.94	\$ 49,596.94		\$ 0.26
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 49,442.00	\$ 7,858.00	4.59%	\$ 189.12	\$ 57,489.12	\$ 57,945.18	\$ 0.26
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 57,300.00	\$ 8,402.00	4.59%	\$ 219.17	\$ 65,921.17		\$ 0.26
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 65,702.00	\$ 8,402.00	4.59%	\$ 251.31	\$ 74,355.31		\$ 0.26
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 74,104.00	\$ 8,397.00	4.59%	\$ 283.45	\$ 82,784.45		\$ 0.26
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 82,501.00	\$ 8,401.00	4.59%	\$ 315.57	\$ 91,217.57		\$ 0.26
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 90,902.00	\$ 8,851.00	4.59%	\$ 347.70	\$ 100,100.70		\$ 0.26
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 99,753.00	\$ 7,953.00	4.59%	\$ 381.56	\$ 108,087.56		\$ 0.26
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 107,706.00	\$ 8,398.00	4.59%	\$ 411.98	\$ 116,515.98		\$ 0.26
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 116,104.00	\$ 8,851.00	4.59%	\$ 444.10	\$ 125,399.10		\$ 0.26
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 124,955.00	\$ 7,947.00	4.59%	\$ 477.95	\$ 133,379.95		\$ 0.26
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 132,902.00	\$ 8,405.00	5.14%	\$ 569.26	\$ 141,876.26		\$ 0.26
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 141,307.00	\$ 8,410.00	5.14%	\$ 605.26	\$ 150,322.26		\$ 0.26
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	\$ 149,717.00	\$ 8,435.03	5.14%	\$ 641.29	\$ 158,793.32	\$ 105,800.63	\$ 0.26
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	\$ 158,152.03	\$ 9,414.00	5.14%	\$ 677.42	\$ 168,243.45		\$ 0.26
2012 Q2	1.47%	4.29%	Feb-08	2008	Q1	\$ 167,566.03	\$ 7,906.00	5.14%	\$ 717.74	\$ 176,189.77		\$ 0.26
2012 Q3	1.47%	4.29%	Mar-08	2008	Q1	\$ 175,472.03	\$ 8,441.00	5.14%	\$ 751.61	\$ 184,664.64		\$ 0.26

2012 Q4	1.47%	4.29%	Apr-08	2008	Q2	\$	183,913.03	\$	8,441.00	4.08%	\$	625.30	\$	192,979.33		\$	0.26	
			May-08	2008	Q2	\$	192,354.03	\$	7,961.00	4.08%	\$	654.00	\$	200,969.03		\$	1.00	
			Jun-08	2008	Q2	\$	200,315.03	\$	8,910.00	4.08%	\$	681.07	\$	209,906.10		\$	1.00	
			Jul-08	2008	Q3	\$	209,225.03	\$	10,200.00	3.35%	\$	584.09	\$	220,009.12		\$	1.00	
			Aug-08	2008	Q3	\$	219,425.03	\$	26,870.00	3.35%	\$	612.56	\$	246,907.59		\$	1.00	
			Sep-08	2008	Q3	\$	246,295.03	\$	32,442.00	3.35%	\$	687.57	\$	279,424.60		\$	1.00	
			Oct-08	2008	Q4	\$	278,737.03	\$	32,467.00	3.35%	\$	778.14	\$	311,982.17		\$	1.00	
			Nov-08	2008	Q4	\$	311,204.03	\$	32,580.00	3.35%	\$	868.78	\$	344,652.81		\$	1.00	
			Dec-08	2008	Q4	\$	343,784.03	\$	32,600.00	3.35%	\$	959.73	\$	377,343.76	\$	226,830.01	\$	1.00
			Jan-09	2009	Q1	\$	376,384.03	\$	32,450.00	2.45%	\$	768.45	\$	409,602.48		\$	1.00	
			Feb-09	2009	Q1	\$	408,834.03	\$	31,758.00	2.45%	\$	834.70	\$	441,426.73		\$	1.00	
			Mar-09	2009	Q1	\$	440,592.03	\$	33,355.00	2.45%	\$	899.54	\$	474,846.57		\$	1.00	
			Apr-09	2009	Q2	\$	473,947.03	\$	30,170.00	1.00%	\$	394.96	\$	504,511.99		\$	1.00	
			May-09	2009	Q2	\$	504,117.03	\$	34,600.00	1.00%	\$	420.10	\$	539,137.13		\$	1.00	
			Jun-09	2009	Q2	\$	538,717.03	\$	32,700.00	1.00%	\$	448.93	\$	571,865.96		\$	1.00	
			Jul-09	2009	Q3	\$	571,417.03	\$	32,590.00	0.55%	\$	261.90	\$	604,268.93		\$	1.00	
			Aug-09	2009	Q3	\$	604,007.03	\$	30,514.00	0.55%	\$	276.84	\$	634,797.87		\$	1.00	
			Sep-09	2009	Q3	\$	634,521.03	\$	32,598.00	0.55%	\$	290.82	\$	667,409.85		\$	1.00	
			Oct-09	2009	Q4	\$	667,119.03	\$	32,593.00	0.55%	\$	305.76	\$	700,017.79		\$	1.00	
			Nov-09	2009	Q4	\$	699,712.03	\$	27,110.00	0.55%	\$	320.70	\$	727,142.73		\$	1.00	
			Dec-09	2009	Q4	\$	726,822.03	\$	34,538.00	0.55%	\$	333.13	\$	761,693.16	\$	390,531.83	\$	1.00
			Jan-10	2010	Q1	\$	761,360.03	\$	34,538.00	0.55%	\$	348.96	\$	796,246.99		\$	1.00	
			Feb-10	2010	Q1	\$	795,898.03	\$	34,644.00	0.55%	\$	364.79	\$	830,906.82		\$	1.00	
			Mar-10	2010	Q1	\$	830,542.03	\$	32,726.00	0.55%	\$	380.67	\$	863,648.70		\$	1.00	
			Apr-10	2010	Q2	\$	863,268.03	\$	32,758.00	0.55%	\$	395.66	\$	896,421.69		\$	1.00	
			May-10	2010	Q2	\$	896,026.03	\$	35,008.00	0.55%	\$	410.68	\$	931,444.71		\$	1.68	
			Jun-10	2010	Q2	\$	931,034.03	\$	50,411.00	0.55%	\$	426.72	\$	981,871.75		\$	1.68	
			Jul-10	2010	Q3	\$	981,445.03	\$	51,758.00	0.89%	\$	727.91	\$	1,033,930.94		\$	1.68	
			Aug-10	2010	Q3	\$	1,033,203.03	\$	54,956.00	0.89%	\$	766.29	\$	1,088,925.32		\$	1.68	
			Sep-10	2010	Q3	\$	1,000,159.03	\$	50,091.00	0.09%	\$	007.05	\$	1,147,057.00		\$	1.60	
			Oct-10	2010	Q4	\$	1,147,050.03	\$	49,667.00	1.20%	\$	1,147.05	\$	1,197,864.08		\$	1.68	
			Nov-10	2010	Q4	\$	1,196,717.03	\$	60,306.00	1.20%	\$	1,196.72	\$	1,258,219.75		\$	1.68	
			Dec-10	2010	Q4	\$	1,257,023.03	\$	58,222.00	1.20%	\$	1,257.02	\$	1,316,502.05	\$	562,114.52	\$	1.68
			Jan-11	2011	Q1	\$	1,315,245.03	\$	55,089.00	1.47%	\$	1,611.18	\$	1,371,945.21		\$	1.68	
			Feb-11	2011	Q1	\$	1,370,334.03	\$	49,883.00	1.47%	\$	1,678.66	\$	1,421,895.69		\$	1.68	
			Mar-11	2011	Q1	\$	1,420,217.03	\$	55,076.00	1.47%	\$	1,739.77	\$	1,477,032.80		\$	1.68	
		Apr-11	2011	Q2	\$	1,475,293.03	\$	55,108.00	1.47%	\$	1,807.23	\$	1,532,208.26		\$	1.68		
		May-11	2011	Q2	\$	1,530,401.03	\$	58,391.00	1.47%	\$	1,874.74	\$	1,590,666.77		\$	1.68		
		Jun-11	2011	Q2	\$	1,588,792.03	\$	55,094.00	1.47%	\$	1,946.27	\$	1,645,832.30		\$	1.68		
		Jul-11	2011	Q3	\$	1,643,886.03	\$	55,108.00	1.47%	\$	2,013.76	\$	1,701,007.79		\$	1.68		
		Aug-11	2011	Q3	\$	1,696,994.03	\$	54,981.00	1.47%	\$	2,081.27	\$	1,756,056.30		\$	1.68		
		Sep-11	2011	Q3	\$	1,753,975.03	\$	57,643.00	1.47%	\$	2,148.62	\$	1,813,766.65		\$	1.68		
		Oct-11	2011	Q4	\$	1,811,618.03	\$	51,921.97	1.47%	\$	2,219.23	\$	1,865,759.23		\$	1.68		
		Nov-11	2011	Q4	\$	1,863,540.00	\$	52,641.00	1.47%	\$	2,282.84	\$	1,918,463.84		\$	1.68		
		Dec-11	2011	Q4	\$	1,916,181.00	\$	58,132.00	1.47%	\$	2,347.32	\$	1,976,660.32	\$	682,818.86	\$	1.68	
		Jan-12	2012	Q1	\$	1,974,313.00	\$	55,089.00	1.47%	\$	2,418.53	\$	2,031,820.53		\$	1.68		
		Feb-12	2012	Q1	\$	2,029,402.00	\$	49,883.00	1.47%	\$	2,486.02	\$	2,081,771.02		\$	1.68		
		Mar-12	2012	Q1	\$	2,079,285.00	\$	55,076.00	1.47%	\$	2,547.12	\$	2,136,908.12		\$	1.68		
		Apr-12	2012	Q2	\$	2,134,361.00	\$	55,108.00	1.47%	\$	2,614.59	\$	2,192,083.59		\$	1.68		
		May-12	2012	Q2	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Jun-12	2012	Q2	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Jul-12	2012	Q3	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Aug-12	2012	Q3	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Sep-12	2012	Q3	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Oct-12	2012	Q4	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Nov-12	2012	Q4	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10					
		Dec-12	2012	Q4	\$	2,189,469.00			1.47%	\$	2,682.10	\$	2,192,151.10	\$	246,679.06			

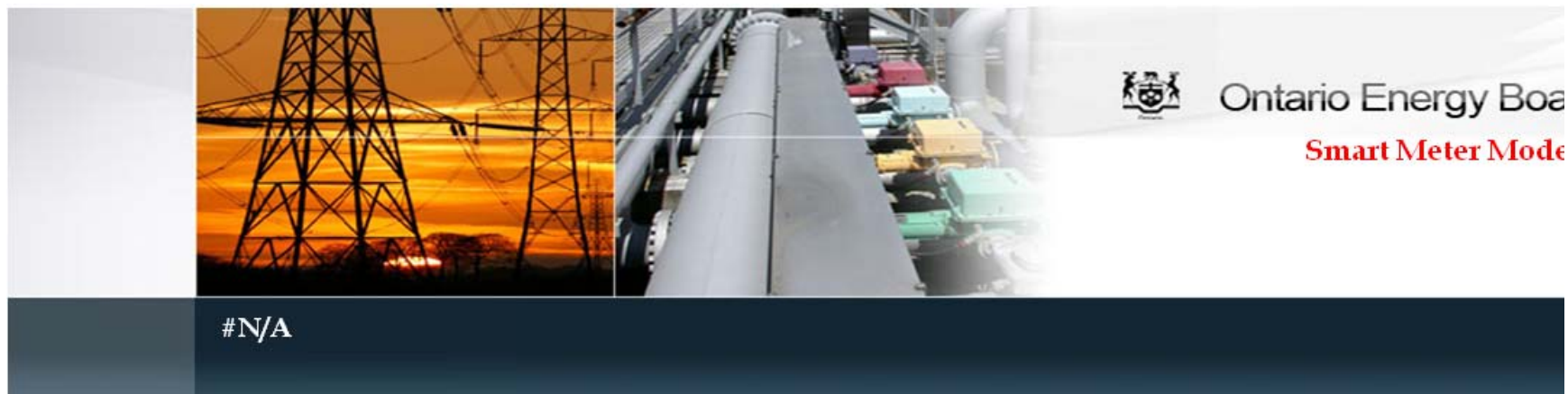


This worksheet calculates the interest on OM&A and amortization/depreciation expense, based on monthly data.

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%	6.61%	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%	4.29%	Dec-07	2007	Q4	-			-	5.14%	-	-
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	-			-	5.14%	-	-
2012 Q2	1.47%	4.29%	Feb-08	2008	Q1	-			-	5.14%	-	-
2012 Q3	1.47%	4.29%	Mar-08	2008	Q1	-			-	5.14%	-	-
2012 Q4	1.47%	4.29%	Apr-08	2008	Q2	-			-	4.08%	-	-

	May-08	2008	Q2	-			-	4.08%	-	-
	Jun-08	2008	Q2	-			-	4.08%	-	-
	Jul-08	2008	Q3	-			-	3.35%	-	-
	Aug-08	2008	Q3	-			-	3.35%	-	-
	Sep-08	2008	Q3	-			-	3.35%	-	-
	Oct-08	2008	Q4	-			-	3.35%	-	-
	Nov-08	2008	Q4	-			-	3.35%	-	-
	Dec-08	2008	Q4	-			-	3.35%	-	-
	Jan-09	2009	Q1	-			-	2.45%	-	-
	Feb-09	2009	Q1	-			-	2.45%	-	-
	Mar-09	2009	Q1	-			-	2.45%	-	-
	Apr-09	2009	Q2	-			-	1.00%	-	-
	May-09	2009	Q2	-			-	1.00%	-	-
	Jun-09	2009	Q2	-			-	1.00%	-	-
	Jul-09	2009	Q3	-			-	0.55%	-	-
	Aug-09	2009	Q3	-			-	0.55%	-	-
	Sep-09	2009	Q3	-			-	0.55%	-	-
	Oct-09	2009	Q4	-			-	0.55%	-	-
	Nov-09	2009	Q4	-			-	0.55%	-	-
	Dec-09	2009	Q4	-			-	0.55%	-	-
	Jan-10	2010	Q1	-			-	0.55%	-	-
	Feb-10	2010	Q1	-			-	0.55%	-	-
	Mar-10	2010	Q1	-			-	0.55%	-	-
	Apr-10	2010	Q2	-			-	0.55%	-	-
	May-10	2010	Q2	-			-	0.55%	-	-
	Jun-10	2010	Q2	-			-	0.55%	-	-
	Jul-10	2010	Q3	-			-	0.89%	-	-
	Aug-10	2010	Q3	-			-	0.89%	-	-
	Sep-10	2010	Q3	-			-	0.89%	-	-
	Oct-10	2010	Q4	-			-	1.20%	-	-
	Nov-10	2010	Q4	-			-	1.20%	-	-
	Dec-10	2010	Q4	-			-	1.20%	-	-
	Jan-11	2011	Q1	-			-	1.47%	-	-
	Feb-11	2011	Q1	-			-	1.47%	-	-
	Mar-11	2011	Q1	-			-	1.47%	-	-
	Apr-11	2011	Q2	-			-	1.47%	-	-
	May-11	2011	Q2	-			-	1.47%	-	-
	Jun-11	2011	Q2	-			-	1.47%	-	-
	Jul-11	2011	Q3	-			-	1.47%	-	-
	Aug-11	2011	Q3	-			-	1.47%	-	-
	Sep-11	2011	Q3	-			-	1.47%	-	-
	Oct-11	2011	Q4	-			-	1.47%	-	-
	Nov-11	2011	Q4	-			-	1.47%	-	-
	Dec-11	2011	Q4	-			-	1.47%	-	-
	Jan-12	2012	Q1	-			-	1.47%	-	-
	Feb-12	2012	Q1	-			-	1.47%	-	-
	Mar-12	2012	Q1	-			-	1.47%	-	-
	Apr-12	2012	Q2	-			-	1.47%	-	-
	May-12	2012	Q2	-			-	1.47%	-	-
	Jun-12	2012	Q2	-			-	1.47%	-	-
	Jul-12	2012	Q3	-			-	1.47%	-	-
	Aug-12	2012	Q3	-			-	1.47%	-	-
	Sep-12	2012	Q3	-			-	1.47%	-	-
	Oct-12	2012	Q4	-			-	1.47%	-	-
	Nov-12	2012	Q4	-			-	1.47%	-	-
	Dec-12	2012	Q4	-			-	1.47%	-	-
					\$	-	\$	-	\$	-



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	\$ -	\$ -	\$ -	\$ -	4.37%	\$ -
2007	\$ -	\$ 1,788.43	\$ 1,788.43	\$ 894.22	4.73%	\$ 42.27
2008	\$ -	\$ 6,302.07	\$ 8,090.50	\$ 4,939.47	3.98%	\$ 196.59
2009	\$ 62,086.00	\$ 148,220.47	\$ 218,396.97	\$ 113,243.73	1.14%	\$ 1,288.15
2010	\$ 112,400.01	\$ 366,455.13	\$ 697,252.11	\$ 457,824.54	0.80%	\$ 3,651.15
2011	\$ 336,890.00	\$ 464,780.73	\$ 1,498,922.84	\$ 1,098,087.48	1.47%	\$ 16,141.89
2012	\$ 356,733.00	\$ 500,091.53	\$ 2,355,747.38	\$ 1,927,335.11	1.47%	\$ 28,331.83
Cumulative Interest to 2011						\$ 21,320.05
Cumulative Interest to 2012						\$ 49,651.88



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 OM&A.

UPDATE WORKSHEET

	2006	2007	2008	2009	2010	2011	2012 and later	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ -	\$ 4,081.29	\$ 13,879.06	\$ 379,542.03	\$ 869,220.19	\$ 1,238,715.38	\$ 1,278,809.75	\$ 3,784,247.69
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	\$ -	\$ 42.27	\$ 196.59	\$ 1,288.15	\$ 3,651.15	\$ 16,141.89		\$ 21,320.05
<input type="checkbox"/> Sheet 8A (Interest calculated on monthly balances)								\$ -
<input checked="" type="checkbox"/> Sheet 8B (Interest calculated on average annual balances)	\$ -	\$ 42.27	\$ 196.59	\$ 1,288.15	\$ 3,651.15	\$ 16,141.89		\$ 21,320.05
SMFA Revenues (from Sheet 8)	\$ 57,300.00	\$ 100,852.03	\$ 218,232.00	\$ 384,976.00	\$ 553,885.00	\$ 659,067.97	\$ 215,156.00	\$ 2,189,469.00
SMFA Interest (from Sheet 8)	\$ 645.18	\$ 4,948.60	\$ 8,598.01	\$ 5,555.83	\$ 8,229.52	\$ 23,750.89	\$ 31,523.06	\$ 83,251.09
Net Deferred Revenue Requirement	-\$ 57,945.18	-\$ 101,677.07	-\$ 212,754.36	-\$ 9,701.65	\$ 310,756.82	\$ 572,038.40	\$ 1,032,130.69	\$ 1,532,847.65
Number of Metered Customers (average for 2012 test year)							32965	

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, 2011 plus Interest on OM&A and Amortization	\$ 2,526,757.99
SMFA Revenues collected from 2006 to 2012 test year (inclusive) Plus Simple Interest on SMFA Revenues	\$ 2,272,720.09
Net Deferred Revenue Requirement	\$ 254,037.90
SMDR May 1, 2012 to April 30, 2013	\$ 0.64
Check: Forecasted SMDR Revenues	\$ 253,171.20

Match

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

Incremental Revenue Requirement for 2012	\$ 1,278,809.75
SMIRR	3.23
Check: Forecasted SMIRR Revenues	\$ 1,277,723.40

Match