

August 8, 2012

VIA RESS, E-mail, and Courier

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

Attention: Ms. Kirsten Walli, Board Secretary

Dear Ms. Walli,

RE: LONDON HYDRO INC.

APPLICATION FOR SMART METER RECOVERIES

EFFECTIVE MAY 1, 2012, BOARD FILE NO. EB-2012-0187

(UPDATED)

On April 2, 2012, London Hydro Inc. submitted its Smart Meter Recoveries Rate Application and evidence to the Ontario Energy Board for an Order approving just and reasonable rates for distribution of electricity and other charges, effective for May 1, 2012.

In regards to the above referenced matter, London Hydro Inc. received the Board's "Decision and Order" as issued on July 26, 2012, in which the Board directs London Hydro to file a draft Rate Order and supporting material, including all relevant calculations showing the impact of the Decision and Order on London Hydro's class specific smart meter requirements and the determination of the updated SMDRs and SMIRRs. Please find enclosed this required documentation and material.

London Hydro would like to acknowledge the work done by Board Staff as to this rate application. We further acknowledge their work to permit and incorporate the recent change to

London Hydro Inc. Draft Rate Order: Smart Meter Rate Application (EB-2012-0187)

Smart Meter Funding Adder (SMFA) calculations. Due to lag in recordings of the SMFA with

respect to London's billing system, the month of April 2012 SMFA was not appropriately

recorded to the models. Therefore, and amount of \$222,563 in SMFA collected for April 2012,

and associated carrying charges of \$817.92, has been updated to models and draft rate order.

An electronic copy of this submission (in PDF format and models in Excel format) will be

submitted to the OEB by RESS (e-Filing services) and two hard copies of the submission will be

submitted via courier.

We would be pleased to provide any further information or details that you may require relative

to this submission.

London Hydro respectfully submits this submission for the Board's consideration and issuance

of a final Tariff of Rates and Charges.

Yours truly,

Original signed by

Mike Chase

Director of Finance and Regulatory

cc: David Arnold, Chief Financial Officer, London Hydro

cc: Mr. Michael Janigan, Council for VECC

cc: Ms. Shelly Grice, Econalysis Consulting Services

Page 2 of 15

ONTARIO ENERGY BOARD

IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O. 1998, c15 (Sched. B), as amended;

AND IN THE MATTER OF an application by London Hydro Inc. for an Order or Orders pursuant to the *Ontario Energy Boards Act, 1998*, approving or fixing just and reasonable distribution rates and other charges for the distribution of electricity and related matters, effective May 1, 2012.

Up Dated Draft Rate Order of London Hydro Inc.

Application for Smart Meter Recoveries - Effective May 1, 2012

Introduction

- The Applicant is London Hydro Inc. ("London Hydro"). London Hydro is a licensed electricity distributor pursuant to license (ED-2002-0557) issued by the Ontario Energy Board (the "Board"). The Applicant distributes electricity to approximately 150,000 customers within the City of London.
- On April 2, 2012, London Hydro Inc. ("London Hydro") submitted its Smart Meter Recoveries Rate Application to the Ontario Energy Board for rates effective May 1, 2012.
- 3. Subsequently, the Board issued a Letter of Direction and Notice of Application and Hearing on April 18, 2012.
- 4. As a result of the Notice of Application and Hearing, the Board received one intervention request from the Vulnerable Energy Consumers Coalition ("VECC").

- 5. On April 26, 2012, the Board issued an Interim Rate Order making the current approved Tariff of Rates and Charges interim for London Hydro and other distributors with proposed effective dates of May 1, 2012.
- 6. In compliance with Board procedural order, Board Staff submitted written interrogatories on May 14, 2012 and written interrogatories were received from Vulnerable Energy Consumers Coalition ("VECC") on May 17, 2012. London Hydro submitted its responses to the interrogatories on May 29, 2012.
- 7. Submissions from the Board staff were issued to the Board and copies received by London Hydro on June 13, 2012. Submissions from VECC were issued to the Board and copies were received by London Hydro on June 20, 2012. Reply submissions were submitted by London Hydro to the Board, Board staff, and VECC on June 21, 2012.
- 8. The Board issued its Decision and Order as to London Hydro's Application on July 17, 2012. The Board directed London Hydro to file a draft Rate Order, and supporting material, including all relevant calculations showing the impact of the Decision and Order on London Hydro's class specific smart meter requirements and the determination of the updated SMDR and SMIRRs in its draft Rate Order filing.

Draft Rate Order

London Hydro has included with this submission:

- i) Proposed Tariff of Rates and Charges (Appendix A) reflecting the Board's findings in their Decision and Order
- ii) 2012 Smart Meter Rate Model Final (Appendix B)
- iii) SM Rate Impacts (Updated) spreadsheets (Appendix C)
- iv) SM SMDR SMIRR calculations spreadsheets (Appendix D)

London Hydro would like to respond to the following matters as addressed by the Board in its Board's Decision and Orders, issued July 17, 2012. They are:

- Treatment of 2012 costs;
- Cost Allocation;
- Stranded Meters;
- Implementation.

Treatment of 2012 Costs

In compliance with the Board's Decision and Order, referenced on page 7, London Hydro acknowledges the following revision as directed by the Board.

"The Board approves the recovery of the costs for smart meter deployment and operation, with the exception of costs beyond minimum functionality for a trial of 25 polyphase meters".

The costs attributable to the 25 polyphase meters, as reflected in the original 2012 London Hydro Smart Meter Cost Recovery Application ("Application") is an amount of \$12,800. These costs were originally assigned to 1.6 Capital Costs Beyond Minimum Functionality, 1.6.1 Costs for deployment of smart meter to customers other than residential and small general service (reflected in Table 1 below). In the updated 2012 Smart Meter Rate Model – Final (Appendix A), these costs have been eliminated. There were no forecasted 2012 OM&A costs included in this Application.

The resulting changes to the 2012 smart meter average net book value are from an amount of \$16,866,198 to an amount of \$16,860,012. The change in average net book value is illustrated in Table 2 below. The changes in smart meter revenue requirement is reflected in Table 3, and also incurs adjustments to rate riders associated with realizing carrying charges from date of April 30, 2012 to new final date of August 31, 2012. Additional explanations are provided in the next section.

Table 1: Elimination of Polyphase Meter Costs

Elimination of Polyphase Meters

Sefore										
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY (Pease provide a secreptive side and mentaly ratios of beyond minimum functionality costs)		Audited Actual	Forecast							
1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425-96	Smart Meter								\$	ű.
162 Costs for deployment of smart meters to customers other than residential and small general senice	Smart Meter							12.800	Ş	12 800
163 Costs for TOU rate veylementation. CIS system upgrades, meb presentation integration with the MOMPR, etc.	Applications Softmare				28,821	1,001,822	2,043,123	24,307	\$	3.17B Q74
Total Capital Costs Beyond Minimum Functionality		\$	<u> </u>	\$ In	\$ 28.821	\$ 1.081,822	\$ 2,043,123	\$ 37,107	Ş	3.190.874
Total Sman Meter Capital Costs		\$.	<u>\$</u>	\$	\$ 4,999,448	\$ 16.262.194	\$ 3,141,854	\$ 511,337	Ş	24 914 893
After										
1.5 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY (Pease provide a rescriptor site and inentify ration of the pool minimum functionality costs)		Awlited Actual	Audited Actual	Audited Actual	Audted Actual	Audited Actual	Audited Actual	Forecast		
1.5 CAPITAL COSTS BEYOND NUMBER FUNCTIONALITY	Smart Meler	Audited Actual	Audited Actual	Audied Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	\$	
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY (Please provide a descriptive size and identify nature of beyond similarial functionality costs). 1.6 1 Costs related to technical capabilities in the smart maters or related communications.	Smart Meler Smart Meler	Audited Actual	Awkied Actual	Forecast	5	Ja				
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY (Please provide a description size and periody nature of de-prod criminal functionality costs) 1.6 1 Costs related to technical capabilities in the smart maters or related communications inflastructure that exceed these specified in O Reg 42506 1.6 2 Costs for deployment of smart maters to customers other than residential		Avdited Actual	Audited Actual	Forecast 0		3 178 074				
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY Please provide a descriptive tate and identify nature of beyond primarian functionality costs; 16.1 Costs related to technical capabilities in the similar materis or related communications infrastructure that exceed those specified in O Reg 42596 16.2 Costs for deployment of smart meters to customers other than residential and small general service 16.3 Costs for ROU rate implementation. CIS system upgrades, web presentation.	Smart Meler	Audited Actual	Audited Actual	Audited Actual		na n				3 178 074 3 178 074
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY Please provide a description at each pentry nature of depend criminal functionality costs) 1.6.1 Costs related to technical capabilities in the smart meters or related communications inflastructure that exceed those specified in O Reg 42506 1.6.2 Costs for deployment of smart meters to customers other than residential and small general service 1.6.3 Costs for TOU rate implementation. CIS system upgrades, web presentation integration with the MOMAR etc.	Smart Meler	Avdited Actual			28,821	1,081,822	200,123	24,307	\$	-900

Deletion of \$12,800 associated with 25 Polyphase meters

Table 2: Elimination of Polyphase Meter Costs-Impact on Net Fixed Assets – Smart Meters Average Net Book Value

et Fixed Assets - Smart Meters	2006	20	107	2	800		2009		2010		2011	30	12 and later
Gross Book Value Opening Balance		s		\$		\$		\$	3,924,372	\$	18,587,532	ş	19,454,532
Capital Additions during year (from Smart Meter Costs) Rebrements/Removals (if applicable) Closing Balance	\$.	S		S		\$	3,924,372	5	14,653,160	5	19,454,532	\$	19.887.83
Stopping Delottee	•					_	0.024.016		100,000,000	Ť	10.101.002		-0.001
Accumulated Depreciation	-												
Opening Balance		\$	-	S	-	S	101.0101	5	130,812	-5	881,209	-\$	2,149,2
Amortization expense during year	\$ -	S		\$		-\$	130,812	-\$	750,397	-5	1,268,069	-\$	1,311,4
Retirements/Removals (if applicable) Closing Balance	\$ -	\$		\$		-S	130,812	-\$	881.209	-5	2 149 278	-\$	3,460,6
Net Book Value													
Opening Balance	ş -	S		\$		\$		S	3,793,560	S	17,706,323	S	17.305.2
Closing Balance	\$ -	\$		5	- 2	5	3,793,560	5	17,706,323	\$	17.305.254	8	16,427.1
Average Net Book Value	\$	\$	99.43	S	11.00	\$	1,896,780	\$	10,749,941	\$	17,505,789	\$	16,866,1
fter													
	2006	206	97	20	68		2009		2010		2011	201	2 and later
Fixed Assets - Smart Meters Gross Book Value	2006	200	77	20	08		2009		2010		2011	201	2 and later
Fixed Assets - Smart Meters Gross Book Value Opening Balance		\$		\$	08	\$		\$	3.924,372	\$	18,587,532	5	19.454,53
Fixed Assets - Smart Meters Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs)	2006)7		08	\$ \$	2009 3 <u>924</u> 372	\$ 5		\$ \$			
Fixed Assets - Smart Meters Gross Book Value Opening Balance		\$		\$	68				3.924,372		18,587,532	5	19.454,53
Fixed Assets - Smart Meters Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance		\$ \$)	s s		\$	3,924,372	\$	3.924,372 14,563,160	\$	18,587,532 867,000	5	19.454,53 420,50
Fixed Assets - Smart Meters Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance Accumulated Depreciation		\$ \$		\$ \$		\$	3,924,372	\$	3,924,372 14,663,160 18,587,532	5	19.597.532 867.000 19.454.532	\$ \$	19.454,53 420,50 19.875,03
Fixed Assets - Smart Meters Gross Book Value Opening Balance Capilal Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance Accumulated Depreciation Opening Balance		\$ \$		s s		\$	3,924,372	\$	3.924,372 14,563,160	\$	18,587,532 867,000	5	19.454,53 420,50 19.875,03 2.149,27
Fixed Assets - Smart Meters Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance Accumulated Depreciation	\$ -	\$ \$		\$ \$ \$:	\$ 5	3,924,372 3,924,372	\$.\$	3,924,372 14,563,160 18,587,532 130,812 750,397	\$.5	19.597.532 867.000 19.454.532 881,209 1,268.969	5 5	19.454,53 420,50 19.875,03 2.149,27 1,310,98
Fixed Assets - Smart Meters Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance Accumulated Depreciation Opening Balance Amontization expense during year	\$ -	\$ \$		\$ \$ \$:	\$	3,924,372	\$	3.924,372 14,563,160 18,587,532	5	18,587,532 867,000 19,454,532 881,209	\$ \$	19.454,53 420,50 19.875,03 2.149,27
Fixed Assets - Smart Meters 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	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$		\$ \$	3,924,372 3,924,372	\$ -\$ -\$	3,924,372 14,563,160 18,587,532 130,812 750,397 881,209	\$.5	18,597,532 867,000 19,454,532 881,209 1,268,969 2,149,278	5 5 -S -S	19.454,53 420,50 19.875,03 2.149,23 1.310,90 3.460,20
Fixed Assets - Smart Meters 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 Eatlance	\$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$		\$ 5	3,924,372 3,924,372 130,812	\$ -\$ -\$ -\$	3,924,372 14,563,160 18,587,532 130,812 750,397 881,209	\$.5 .5	18,587,532 867,000 19,454,532 881,209 1,268,069 2,149,278	5 -5 -5 -5	19.454,53 420,50 19.875 0.2 2.149,20 1.310,90 3.460,20
Fixed Assets - Smart Meters 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	\$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$		\$ \$	3,924,372 3,924,372	\$ -\$ -\$	3,924,372 14,563,160 18,587,532 130,812 750,397 881,209	\$.5	18,597,532 867,000 19,454,532 881,209 1,268,969 2,149,278	5 5 -S -S	19.454.5 420.5 19.875.0 2.149.2 1.310.9 3.460.2

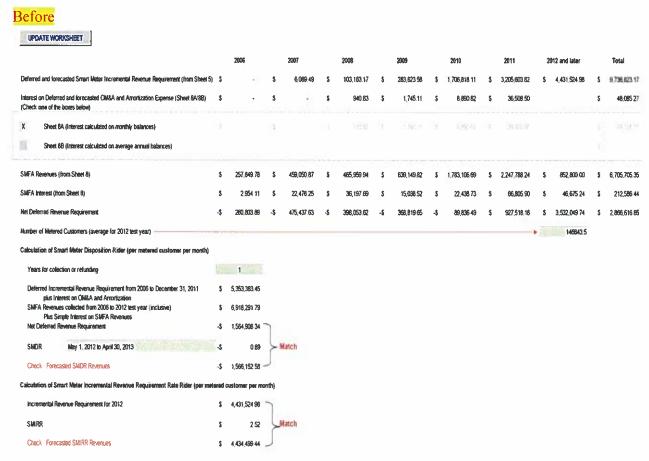
Cost Allocation

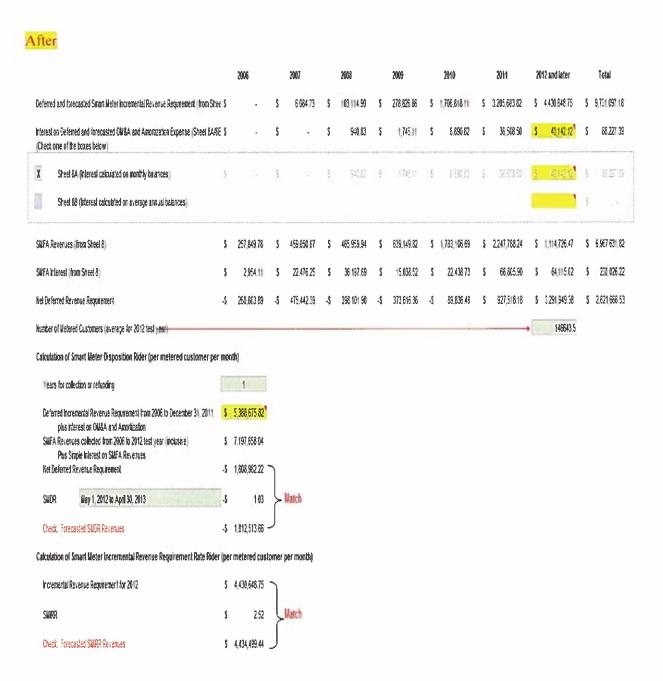
Carrying Charge Adjustment

In the updated 2012 Smart Meter Rate Model – Final (Appendix A), London Hydro has updated the carrying charges recorded for the months of May, June, July, and August 2012. Carrying charges in the original Application totaled \$196,157.46. Adding four months carrying charges, plus carrying charges associated with adjustments for SMFA of \$222,563 in increases the

amount of carrying charges to disposition to our customers to an amount of \$230,026.22. This adjustment to carrying charges, as well as the elimination of the forecasted 2012 expenditures on polyphase meters is adjusted in the final updated 2012 Smart Meter Rate Model – Final (Appendix A).

Table 3: Updated 2012 Smart Meter Rate Model -Final (Tab 9. SMFA_SMDR_SMIRR)





Allocation of the SMFA

In compliance with the Board's Decision and Order, as referenced on page 8, London Hydro acknowledges the following revision as directed by the Board.

"The Board notes London Hydro's agreement and approves the revised allocation methodology for the SMFA revenues based on a direct allocation of SMFA revenues as billed for the Residential, GS < 50 kW customer classes".

Further, London Hydro also acknowledges the following revision as directed by the Board, again on page 8 of the Board's Decision and Order.

"Any SMFA revenues collected from customers in the GS > 50 kW and Large Use classes are to be evenly divided between the Residential and GS < 50 kW classes".

Table 4: Updated Cost Allocation for SMDR

100000000000000000000000000000000000000	2007	2008	2009	2010	2011	2012	Total 2003 to 2011	Explanation Allocator	ID and Factors	Total	Residential	General Service Less than
for the Historical Years	\$6,084.73	\$103,114.90	\$278,826.86	\$1,706,818 11	\$3,205,000.82		\$5,300,448.43					-
Total Return on Capital	\$66.13	\$1,109.92	\$161,512.56	\$836,393.03	\$1,384,926.89		\$2,384,908.53		CVMC	100.00%	82.13%	17.87
Amortization and interest Expense	\$0.00	\$940.83	\$153,599.36	\$813,772.96	\$1,978,608,72	\$40,142.12	#2,987,963.99	Weighted Meter -	CVMC	\$2,384,008,53 100.00%	\$1,957,944.22 82,13%	\$426,064. 17.87
	20.00 2220	080189711	000000000000		(2)		Allocated per C	Number of Smart Meters Installed		\$2,987,063.99	\$2,453,223.05	\$533,840.9
Operating Expenses	\$5,998.00	\$101,711.00	\$113,349.02	\$422,882.26	\$162,770.95		\$806,711.23 Allocated per C	for each Class		146,437 \$806,711,23	134,658 \$741,821,54	11,77 \$64,889.6
Grossed-up							A CONTRACTOR OF THE PARTY OF TH	Revenue Requirement allocated to each		7000,11120	V11102101	•••••
Taxes/Pils	\$20.60	\$293.98	-\$147,888.97	-\$357,339.32	\$284,194.23		\$789,107.94 Allocated per C			\$6,177,783.75 -\$789.107.94	\$5,152,988.8I \$658,207.62	\$1,024,794.9 -\$130,900.2
	1 1						vaccarda has c			Total	Residential	General Service
						l		!		2000		Less than
TOTAL REVENUE RE	QUIREMENT				\$5,388,675.82			\$5,388,675.82	\$4,494,781,19			Less than
TOTAL REVENUE RE		Generated from	n Smart Meter I	Funding Adder	\$5,388,675.82 Residential and \$7,187,658.04		eustomer	\$5,388,675.82 100.00%		\$893,894.63 16.59%		Less than
TOTAL REVENUE RE		Generated from	n Smart Meter (Funding Adder	Residential and	GS + 50 kV	existomer	100.00%				Less than
TOTAL REVENUE RE		Generated Fron	n Smart Meter (Funding Adder	Residential and	GS + 50 kV	es directly attributab	100.00%	83.484	16.59%		Less than
TOTAL REVENUE RE		Generated from	n Smart Meter (Funding Adder	Residential and	GS 4 50 kW	es directly attributab	100.00%	90.73%	16.59% 8.16%		Less than
TOTAL REVENUE RE		erated from SN	AFA including o	narry charges	Residential an- \$7,187,658.04	SMFA Revenu classes) attribu	es directly attributab	100.00%	90.73% 0.55%	8.16% 0.55%		Less than
TOTAL REVENUE RE	Revenue	erated from SN Net Do	AFA including a eferred Revenue	oarry en arges e Requirement	Residential an- \$7,187,658.04 \$7,187,658.04 \$7,187,658.04 -\$1,898,982.22	SMFA Revenuellesses) attributed	es directly attributab ted evenly upito April 30, 12	100.00×	90.73% 0.55% 91.28% \$ 6,570,121.05	16.59% 8.16% 0.55% 8.72%		Less than
TOTAL REVENUE RE	Revenues Gen	erated from SN Net Do within SMDR (AFA including of referred Revenue applicable rever	oarrycharges e Requirement nue requiremen	Residential an- \$7,197,658.04 \$7,197,658.04 -\$1,896,882.22 Allocated per (tamounts to be re-	SMFA Revenu classes) attributed Total SMFA Actual	es directly attributab ted evenly	100.00×	\$0.73× 0.75× 91.28× \$ 6.570,12105	16.59% 8.16% 0.55% 8.72% \$627,536.39 \$286,357.65		Less than
TOTAL REVENUE RE	Revenue	erated from SN Net Do within SMDR (AFA including of referred Revenue applicable rever	oarrycharges e Requirement nue requiremen	Residential an- \$7,197,659.04 \$7,197,659.04 \$7,197,659.04 \$1,896,982.22 Allocated per 6 amounts to be red 6 mounts of to	SMFA Revenuclesses) attributed to the SMFA Actual SMFA Actual Class covered through the SMFR at SMFRR	es directly attributab ted evenly upto April 30, 12 the SMIRIR related t	100.00×	\$0.73% 0.75% 0.55% 91.28% \$ 6,570,12105 -\$2,075,339.87 \$1,234,328.70	16.59% 8.16% 0.55% 8.72% \$627,536.39 \$286,357.65		Less than
TOTAL REVENUE RE	Revenues Gen	erated from SN Net Do within SMDR (AFA including of referred Revenue applicable rever	parry oh arges e Requirement nue requiremen	Residential and \$7,197,658.04 \$7,197,658.04 \$7,197,658.04 \$1,1908,982.22 Allocated per 6 amounts to be recident and the per 6 amounts of to Total for Appli	SMFA Revenu classes) attrib Total SMFA Actual SMFA Actual	es directly attributed ted evenly upo April 30, 12 the SMIRR related to	100.00×	\$0.73× 0.75× 91.28× \$ 6.570,12105	16.59% 8.16% 0.55% 8.72% \$627,536.39 \$286,357.65		Less than
TOTAL REVENUE RE	Revenues Gen	erated from SN Net Do within SMDR (AFA including a eferred Revenue applicable rever agust 30, 2012	oarrycharges e Requirement nue requiremen	Residential an- \$7,197,659.04 \$7,197,659.04 \$7,197,659.04 \$1,896,982.22 Allocated per 6 amounts to be red 6 mounts of to	SMFA Revenuedesses) attributed total SMFA Actual SMFA Actual SMFA Actual Class overed through cal SMIFIR cal SMIFIR cal SMIFIR cation by Claster exted Custom	es directly attributed ted evenly upo April 30, 12 the SMIRR related to	100.00×	\$0.73% 0.55% 91.28% \$ 6.570,12105 -\$2,075,339.87 \$1234,928,70 -\$840,611.77	16.59% 8.1600 9.5500 9.7500 9.7200 \$627,536.399 \$286,357.65		Less than

London Hydro Inc. Draft Rate Order: Smart Meter Rate Application (EB-2012-0187)

evences	N	lamber of custo	T6G		Acts	al SWFA Reve	rees			Ching	Drargell								Total		
'ear	Residential	G5<501W	Matered	Fesidenti	B 3	35 < 5 0 km	Other Meta-	ed	letal	Resident	iei	65×50×89	Custo	CE .	Tetal			Fesidential:	SS<50 kW	CLETOTA	Tetal
			Customer				(Fistoliei C	15585					03254	15						Casses	
2009	126,81	7 11,87	9 1,520	\$ 233	,045.67	5 11,854 62	\$ 2,9	:9,50	5 257,849.78	5 2	,669.94	\$ 250	38 5	33 75	\$ 1,994.11	\$	2,954.11	\$ 235,715.61	5 22,105.00	\$ 2,983.	19 5 260,803.33
2007	128,76	5 11,91	8 1,553	\$ 415	24175	\$ 38,613.87	\$ 5,1	23 25	5 455,050.87	5 20	,331.59	5 1,890	63 5	254.09	\$ 21,476.25	5	22,475.25	\$ 435,590.34	\$ 40,504.50	\$ 5,442	28 5 481,527 12
2003	130,51	£ 11,99	1,609	\$ 421	.799.26	5 38,989,22	5 5.1	71.45	5 465,559.94	5 33	767.11	\$ 3,028	84 5	401.74	\$ 36,197,59	5	35,197.59	\$ 454,566.36	5 42,018.03	\$ 5,573.	0 5 512,157.69
2009	131,77	9 11,91	1,650	5 579	210.85	5 52.67L01	\$ 7,2	17.35	5 639,149 82	5 13	E28.22	5 1,739	29 \$	171.01	5 15,038.92	5	15,038.52	\$ 592,839.07	\$ 53,910.31	\$ 7,438.	96 S 654,183.34
2019	133,45	2 11,89	7 1,615	\$ 1,618	192.48	\$ 145,186,57	\$ 19.7	27.65	\$ 1,783,106,69	5 20	363.44	\$ 1,827	C4 5	248.25	\$ 22,433,73	\$	22,438.73	\$1,638,555.91	\$ 147,013.60	5 19.975.	90 5 1,825,545,4
2011	134,71	4 11.56	1,555	\$ 2,042	192.87	\$ 180,907.77	\$ 24,6	87.59	5 2,247,768 24	5 60	,655.46	\$ 5,376	71 5	739.73	5 66,605.90	5	66,805.90	\$1,102,888.33	5 186,284.4	5 25.421.	33 5 2,314,594.14
2012 (to April 30th 2012)	135,10	1 11,93	5 1,630	\$ 1.011	.925.20	\$ 90.612.73	5 12.1	88.40	5 1,114,72633	\$ 27	,456.92	\$ 2,458	63 S	330.71	\$ 30,246.26	" \$	30,245.26	\$1,039,382.12	\$ 93,071.30	\$ 12,519.	11 5 1,144,572.51
2012 (Way 1 to August 31)						\$ 7	\$	•	\$.	\$ 30	728.56	5 2,765	04 \$	375.17	\$ 33.858.76	*5	33.863.76	\$ 30,728.56	\$ 2,765.04	\$ 375.	17 5 23.859.7
				\$ 6321	215 08	\$ 568.835.80	5 771	80.80	5 6,967,671,58	5 208	1641.23	5 18 834	56 5	2548.43	\$2000822	5	280 026 22	\$ 6,530,256.31	\$ 587,672 3	5 79.729	23 S 7 197 657 9
					90.73%	8,169		1.10%	100.00%					-			,	90.73%		i 13	100 00
					£3.11%	16.191												0.00%	2.02	1	
	Even altocats	00			50,00%	50.009												50.00%	50.00	1	
		and the same of	e GS = 50 kHz		0.554%	0.554												0.554%	0 554	4	
	Allocation of																				

London Hydro, as reflected in Table 4, has complied with the Board Decision to use a revised allocation methodology for the SMFA revenues by basing on a direct allocation of SMFA revenues as billed for the Residential and GS < 50 kW customer classes. Total SMFA collected of \$6,967,632 and Total Carrying Charges for disposition to the customer of \$230,026 tally \$7,197,658. This total has been allocated to Residential \$6,570,121 and GS < 50 kW \$627,537, and has been applied against the Revenue Requirement determined for each of these customer classes. As per Board Decision, "the amount of SMFA revenues collected from customers in the GS > 50 kW and Large Use classes, as well as other non-Residential and GS < 50 kW customer classes have been evenly divided between the Residential and GS < 50 kW classes". The pooled amount of SMFA collected and Carrying Charges for disposition to the customer from non-Residential and GS < 50 kW customer classes totals \$79,729.

London Hydro Inc. Draft Rate Order: Smart Meter Rate Application (EB-2012-0187)

Stranded Meters

Contained in the Board Decision is approval, under Guideline G-2011-0001 for London Hydro to defer disposition of its stranded meters until its next rebasing application.

London Hydro confirms that it will seek recovery of the December 31, 2012 stranded meters net book value of \$3,153,415, in its next rebasing rate application scheduled for 2013 rates.

Implementation

London Hydro requested in its original Application for an implementation date of May 1, 2012 for the new rate riders. In the Board Decision, page 9, London Hydro is directed:

"Board has determined that an implementation date of September 1, 2012 is appropriate. In developing its draft Rate Order, London Hydro is directed to establish the SMDRs based on an 8-month recovery period to April 30, 2013 and to accommodate within the SMDR the applicable revenue requirement amounts to be recovered through the SMIRR related to the period from May 1, 2012 to August 30, 2012."

As reflected in Table 5 below, an amount of \$1,234,928 has been allocated to SMDR Residential and an amount of \$241,954 has been allocated to SMDR GS < 50 kW class. These amounts represent four months SMIRR Revenue Requirement. Therefore, as reflected by this adjustment, SMIRR recoveries for the months of May through to the end of August have been applied to the SMDR recovery / disposition balances.

Also reflected in Table 5 are calculations for the pro-rating of SMDR rates from an annual rate rider to eight-month rates, permitting the recoveries of the SMDR balance during the months of September 1, 2012 through to April 30, 2013. The resulting SMDR rate riders effective for May 1, 2012, with an implementation date September 1, 2012 are Residential (\$0.78) per month per customer and GS < 50 kW class \$5.30 per month per customer. The sunset date for these rates is April 30, 2013.

Table 5: Allocation of Four Months SMIRR to SMDR Balances

	Total for Application by Class Humber of Metered Customers (10201	-1	135,101	11,986
Period from May 1, 2012 to August 30, 2012	4 months of total SMIRR		\$1,234,928.70 -\$840,411.17	\$241,954.22 \$508,311.87
Accommodate within SMDR applicable revenue requirement	Allocated per Class nt amounts to be recovered through the SMI	-\$1,808,982.22 RR related to the	-\$2,075,339.87	\$266,357.65
Net Deferred Revenue Requiremen	t -\$1,808,982,22			
Revenues Generated from SMFA including carry charges	\$7,197,658.04 SMFA Actual upto Ap	ril 30, 12	\$ 6,570,121.05	\$627,536.99

THE RESIDENCE IN CO.	F	Residential	G	S < 50 kW	10.00	Total
	100		Mary Control	terron eta		No. of the last
Revenue Require	ment	: (2012) Allocat	ed:			
Return (Deemed Interest and Return on Equity)	\$	1,125,087	\$	248,528	\$	1,373,615
Amortization	\$	1,814,348	\$	400,784	\$	2,215,132
OM&A	\$	685,161	\$	60,839	\$	746,000
Total Before PILS	\$	3,624,596	\$	710,151	\$	4,334,747
PILS	\$	80,191	\$	15,711	\$	95,902
Total Revenue Requirement Allocated	\$	3,704,786	\$	725,863	\$	4,430,649
Das Manth						
Per Month Collection	\$	308,732	\$	60,489		
Period from May 1,	2012	to August 30,	2012			
4 Months apply	\$	1,234,929	\$	241,954	\$	1,476,883

Table 6: Smart Meter Incremental Rate Rider (SMIRR)

	1	Residential	(S < 50 kW		Total
Allocation Factors			March.		MINO.	
Average Smart Meter Unit Cost	\$	100.84	S	250.86		
Smart Meter Cost	\$	13,584,560	\$	3,000,787	\$	16,585,347
Allocation by Meters Costs		81.91%		18.09%		100 009
Meters Installed		134,714		11,962		146.676
Allocation by Meters Installed		91.84%		8 16%		100.009
Total Before PILS	\$	3.624.596	\$	710.151	\$	4.334.747
Allocation by Total Before PILS		83.62%		16.38%		100.009
Revenue Requirement (2012) Allocated:				8-3-	1-0	
Return (Deemed Interest and Return on Equity)	\$	1,125,087	(3)	248,528	\$	1,373,619
Amortization	\$	1.814.348	\$	400,784	\$	2,215,132
OM&A	\$	685,161	\$	60,839	\$	746,000
Total Before PILS	\$	3,624,596	\$	710,151	\$	4.334.747
PILS	\$	80,191	\$	15.711	\$	95,902
Total Revenue Requirement Allocated	\$	3,704,786	\$	725,863	\$	4,430,649
Secret Made and a secretary and a secretary	-			WINDS I		
Smart Meter Incremental Rate Rider (SMIRR) Meters Installed (Average)	Keco			11.000	11-55	446.644
Recovery	\$	134,764	\$	11,880 5.10	S	146.644 2.52
Monthly Recovery	\$	308,732	\$	60,489	\$	369,221
Recovery May 1 to August 31, 12	5	1,234,929	\$	241,954	5	1,476,883
Recovery September 1, 2012 to April 30, 2013		2,469,857	s	483,908	\$	2,953,766
	\$	3,704,786	\$	725,863	\$	4,430,649
SMIRR for September 1, 2012 thorugh April 30	201	2	A STATE OF			
Smart Meter Incremental Rate Rider (SMIRR)	Reco	very	THE STREET		SHIPE.	
Meters Installed (Average)		134,764	100	11,880		146,644
Recovery	S	2.30	\$	5.10	s	2.52

In compliance with the Board's Decision and Order, referenced on page 9, London Hydro acknowledges the following as directed by the Board.

"The SMIRR shall be effective and implemented on September 1, 2012. The Board notes that these rate riders are based on an annual revenue requirement and will be in effect until the effective date of London Hydro's next cost of service rate order."

Table 6 reflects calculation for the SMIRR rate riders which shall be effective and implemented on September 1, 2012. As recorded in the Draft Rate Oder (Appendix A), the SMIRR rate riders

London Hydro Inc. Draft Rate Order: Smart Meter Rate Application (EB-2012-0187)

are Residential \$2.30 per month per customer and GS < 50 kW class \$5.10 per month per customer. These rates will be in effect until London Hydro's next cost of service which is scheduled for 2013 rates.

London Hydro respectfully requests that the Board approve the revised proposed riders of SMDR Residential (\$0.78) per month, GS < 50 kW of \$5.30 per month, SMIRR Residential \$2.30 per month and GS < 50 kW of \$5.10 per month. That final approved SMDR rate rider is adjusted for the recoveries SMDR accounts with a recommended sunset date of April 30, 2013. The final approved SMIRR rate rider is adjusted for the recoveries SMIRR accounts with a recommended effect until the effective date of the next cost of service rate order.

All of which is respectfully submitted

Appendix A: Proposed Tariff of Rate and Charges

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Further servicing details are available in London Hydro's Conditions of Service

APPLICATION

taxes.

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 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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	12.72
Rate Rider Smart Meter Disposition (SMDR) -effective until April 30, 2013	\$	(0.78)
Rate Rider for Smart Meter Incremental Revenue Requirement (SMIRR) –in effect until the effective		
date of the next cost of service rate order	\$	2.30
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery -effective until April 30, 2013	\$/kWh	0.00004
Distribution Volumetric Rate	\$/kWh	0.0143
Rate Rider for Tax Change – effective until April 30, 2013	\$/kWh	(0.0004)
Rate Rider for Deferral/Variance Account Disposition (2012)- effective until April 30, 2014	\$/kWh	(0.0010)
Rate Rider for Global Adjustment Sub-Account (2012) –Applicable only for Non-RPP		
Customers -effective until April 30, 2014	\$/kWh	(0.0004)
Retail Transmission Rate – Network Service Rate	\$/Kwh	0.0070
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW/h	0.0053

MONTHLY RATES AND CHARGES – Regulatory Component

\$/Kwh 0.0052 \$/kV/h 0.0011 \$ 0.25

London Hydro Inc. TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non- residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk meter) shall be classified as General Service. Where electricity service is provided to combined residential and business (including agricultural) usage and the wiring does not provide for separate metering, the classification shall be at the discretion of London Hydro and should be based on such considerations as the estimated predominant consumption. Further servicing details are available in London Hydro's Conditions of Service

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges 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	\$	29.58
Rate Rider Smart Meter Disposition (SMDR) -effective until April 30, 2013	\$	5.30
Rate Rider for Smart Meter Incremental Revenue Requirement (SMIRR) -in effect until the effective		
date of the next cost of service rate order	\$	5.10
Distribution Volumetric Rate	\$/kVVh	0.0092
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery -effective until April 30, 2013	\$/kVVh	0.00022
Rate Rider for Tax Change – effective until April 30, 2013	\$/kVVh	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014	\$/kVVh	(0.0010)
Rate Rider for Global Adjustment Sub-Account (2012) –Applicable only for Non-RPP		

Customers -effective until April 30, 2014 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh \$/Kwh \$/kWh	(0.0004) 0.0065 0.0046
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$/kWh \$	0.0052 0.0011 0.25

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

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

General Service 50 to 199 kW non-interval metered General Service 50 to 4,999 kW interval metered. Further servicing details are available in London Hydro's Conditions of Service

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges 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	\$	292.71
Distribution Volumetric Rate	\$/kW	1.6223
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery -effective until April 30, 2013	\$/kW	0.00482
Rate Rider for Tax Change – effective until April 30, 2013	\$/kW	(0.0362)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014	\$/kW	(0.3641)
Rate Rider for Global Adjustment Sub-Account (2012) –Applicable only for Non-RPP		,
Customers -effective until April 30, 2014	\$/kW	(0.1521)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2917
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7172
Retail Transmission Rate Network Service Rate Interval Metered	\$/kW	2.9388
Retail Transmission Rate Line and Transformation Connection Service Rate Interval Metered	\$/kW	2.3929

MONTHLY RATES AND CHARGES – Regulatory Component

\$/Kwh 0.0052 \$/kWh 0.0011 \$ 0.25

London Hydro Inc. TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

GENERAL SERVICE 1,000 to 4,999 kW (Co-Generation) SERVICE CLASSIFICATION

Embedded generation, co-generation or load displacement customers have the option to reserve demand capacity on the London Hydro distribution system for import load through mutual agreement/contract. For the embedded generation customers with a gross peak demand annual average of less than 1,000 kW and equal to or greater than 50 kW per month, the General Service 50 to 4,999 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. For the embedded generation customers with a gross peak demand annual average of less than 50 kW per month, the General Service Less Than 50 kW distribution rates will be applied, as long as there is no requirement for reserve capacity from the customer. Further servicing details are available in London Hydro's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	2296.39
Distribution Volumetric Rate	\$/kW	4.0062
Rate Rider for Tax Change – effective until April 30, 2013	\$/kW	(0.0714)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014	\$/kW	(0.7547)
Retail Transmission Rate – Network Service Rate	\$/kW	3.3926
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2,5312
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)	Š	0.25

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in London Hydro'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 Distribution Volumetric Rate Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery -effective until April 30, 2013 Rate Rider for Tax Change – effective until April 30, 2013 Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014 Rate Rider for Global Adjustment Sub-Account (2012) –Applicable only for Non-RPP	\$ \$/kVV \$/kVV \$/kVV	20638.79 2.2792 0.00011 (0.0511) (0.4705)
Customers -effective until April 30, 2014 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate MONTHLY RATES AND CHARGES – Regulatory Component	\$/kW \$/kW \$/kW	(0.1970) 3.0104 2.3929
Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$/kWh \$	0.0052 0.0011 0.25

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.42
Distribution Volumetric Rate	\$/kWh	0.0118
Rate Rider for Tax Change – effective until April 30, 2013	\$/kWh	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014	\$/kWh	(0.0009)
Rate Rider for Global Adjustment Sub-Account (2012) - Applicable only for Non-RPP		,
Customers -effective until April 30, 2014	\$/kWh	(0.0004)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046
MONTHLY RATES AND CHARGES – Regulatory Component		

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

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

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

EB-2011-0181

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires London Hydro to provide back-up service. The distribution Standby Power rate will be applied to all monthly kW's reserved. Further servicing details are available in London Hydro's Conditions of Service

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges 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 - APPROVED ON AN INTERIM BASIS

Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility).

Rate Rider for Tax Change – effective until April 30, 2013

Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014

\$\frac{1}{k}W\$ (0.029)

\$\frac{1}{k}W\$ (0.0108)

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in London Hydro's Conditions of Service

APPLICATION

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

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

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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) Distribution Volumetric Rate Rate Rider for Tax Change – effective until April 30, 2013 Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW \$/kW	3.14 10.1362 (0.2659) (0.3763) 2.0206 1.5140
MONTHLY RATES AND CHARGES – Regulatory Component		
Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$/kWh \$	0.0052 0.0011 0.25

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	1.39
Distribution Volumetric Rate	\$/kW	7.1102
Rate Rider for Tax Change – effective until April 30, 2013	\$/kW	(0.1892)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2014	\$/kW	(0.3536)
Rate Rider for Global Adjustment Sub-Account (2012) –Applicable only for Non-RPP Customers	\$/kW	(0.1343)
Retail Transmission Rate – Network Service Rate	\$/kW	2.0179
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5121

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

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 London Hydro's Conditions of Service.

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges 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 \$ 5.25

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kVV	(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 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.

Customer Administration		
Easement letter	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned Cheque (plus bank charges)	\$	15.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of Account Charge – No Disconnection	\$	10.00
Disconnect/Reconnect at meter During regular hours	\$	35.00
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
Meter Interrogation Charge	\$ 5.50
Special Meter Reads	\$ 30.00
Install/Remove load control device – During regular hours	\$ 65.00
Install/Remove load control device – After regular hours	\$ 185.00
Temporary Service install & remove – overhead – no transformer	\$ 500.00
Temporary Service install & remove – underground – no transformer	\$ 300.00
Service Call – After regular hours	\$ 165.00
Specific Charge for Access to the Power Poles – per pole/year	\$ 22.35

Effective Date May 1, 2012 Implementation Date September 1, 2012

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

EB-2012-0187

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 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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50

Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party

Up to twice a year

Up to twice a year no charge
More than twice a year, per request (plus incremental delivery costs) \$ 2.00

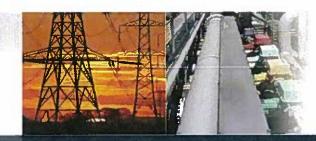
LOSS FACTORS

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

Sent year . "

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0409
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0141
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0305
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0041

Appendix B: 2012 Smart Meter Rate Model -Final





Choose Your Utility:

I nadon Hydro Tor Middlesey Power Distribution Cornoration

Application Contact Information

Name: Mike Chase

Title: Director of Finance and Regulatory Compliance

Phone Number: 519-661-5800 Ext. 5750

Email Address: chasem@londonhydro.com

We are applying for rates

effective:

May 1, 2012

Last COS Re-based Year

2009

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION FIELD

Copyright

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited, if you provide a copy this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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



Ontario Energy Board
Smart Meter Model

London Hydro Inc.

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabe except for those costs fave been included in rase base and OM&A costs in revenue requirement.

For 2013, distributors that have completed their deployments by the and 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 forseasted OM&A for 2012 for all smart meters in service.

		3006	2007	2008	2009	2010	2011	2012 and later	Total
Smart Meter Capital Cost and Operational Expense Data		Audded Actual	Audited Actual	Audited Actual	Audited Actual	Audred Actual	Audited Actual	Forecast	
Smart Meter Installation Plan									
Actual/Planned number of Smarl Meters installed during the Calendar Year									
Residential		Single-			7,462	125,078	2,118	211	134869
General Service < 50 kW		Real Property	HAND STREET	Management of the Parket	5	4,892	6,882	202	11981
Actuel/Planned number of Smart Meters installed (Residential and GS $<50~\text{kW}$ only)		Q	0	0	7467	129970	0006	413	146850
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed		9600.0	0.00%	9600.0	5.08%	93 28%	99.72%	100 00%	100 00%
Actual/Planned number of GS > 50 kW meters anstalled		1	1	STATE BEAUTIFUL STATE ST			No. of Lot, House, etc., in such supplies to the lot, the	25	33
Other (please identity)	150	State of the last	DESCRIPTION OF THE PERSON	Salar Salar	SECTION STATES	No. of Concession, Name of Street, or other Designation, Name of Street, or other Designation, Name of Street,	The same	Samuel Street	0
Total Number of Smart Meters installed or planned to be installed		0	0	o	1467	129970	0006	438	146875
1 Capital Costs									
1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)	Asset type must be selected to enable				A Section of the sect	100 mg	9		
1.1.1 Smart Meters (may andude new meters and modules, etc.)	Smart Meter		and the same of th	in the same of the	1,712,963	12,336,995	355,472		\$ 14,405,430
1.1.2 Installation Costs (may induce socker but), labour, vehicle, benefits, etc.)	Smart Meter	STATE STATE		DESCRIPTION OF THE PERSON NAMED IN	170,001	1,487,629	441,740	28,900	\$ 2 128,270
1.38 Workforce Automation Hardware (may enable feetwark bevolkeds, beroofs herdware, etc.)	Toots & Equipment	THE REAL PROPERTY.			22,584	1,440	1,276	The state of the s	\$ 25,300
1.13b Workforce Automation Software imay include featwork handhate, beroode hardware, etc.	STREET, STREET					STATE OF THE PERSON	Charles and Charles	SWIEWSBERNS	9
Total Advanced Metering Communications Devices (AMCD)		s	S	50	\$ 1,905,548	\$ 13,826.064	\$ 798,488	\$ 26,900	\$ 16,559,000
1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (Includes LAN)	Asset Type	Auddend Actual	Audied Artual	Andred Artha	Andred Artis	Audied Artus	Audied Actual	Forecast	
12.1 Collectors	Smart Metev		Berling of the same of		1,239,678		Barres and		\$ 1,239,678
122 Repaaters (may analyde redoctoone, etc.)	Smart Meter	September 1	NAMES AND PARTY OF THE PARTY OF		572,729	305,049	44,720	63,600	\$ 986,098
1.2.3 installation (may notate meter seals and range, coffector computer hardware, etc.)	Other Equipment	Total Section Section 2	STATE STATE OF	STATE STATE OF	332,544	179,086	6,627	53,700	\$ 571.956
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)		* *	\$2	25	\$ 2,144,950	\$ 484,135	\$ 51,347	\$ 117,300	\$ 2,797,732

regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OMBA for 2012 for all smart meters in service.

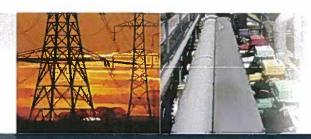
Smart Meter Capital Cost and Operational Expense Data		2006 Audked Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audied Actuel	2012 and later Forecast	Total	
1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)	Asset Type	Audked Actual	Audried Actual	Audiled Actual	Audred Actual	Audred Actual	Audited Actual	Forecast		
13.1 Computer Hardware	Computer Hardware				140,328	96,992	33		\$ 237,353	
13.2 Computer Software	Computer Software	(STATISTICS)	The second second	The section of the section of	15,476	21,474			\$ 36,950	
 3 Computer Software Licences & Institution (includes haidware and software) inserincted Activities data series, ascings and recovery computer, UPS, etc.) Total Advanced Matering Control Computer (AMCC) 	Computer Software	89	5	2	8 ₄ 72 \$ 165,275	18,253	33	9	\$ 27,724	
	Asset Type									
1.4 WIDE AREA NETWORK (WAN)		Audried Actual	Audited Actual	Audried Actual	Audited Actual	Audded Actual	Audited Actual	Forecast		
141 Activation Feet	Smart Meter			Selling Street	100,801	352,664	7,424	328,000	\$ 788,890	
Total Wide Area Network (WAN)) 	9	w.	\$ 100,601	\$ 352.664	\$ 7,424	\$ 328,000	\$ 788,890	
	Asset Type									
1.5 OTHER AMI CAPITAL, COSTS RELATED TO MINIMUM FUNCTIONALITY		Audited Actual	Audited Actual	Audried Actual	Audried Actual	Audited Actual	Audited Actual	Forecast		
1.5.1 Customer Equipment (including repair of demaged equipment)	Smart Meter	application of the			3,759	122,443	17,643		\$ 143,845	
1.5.2 AMI Interface to CIS	Applications Software	STREET, SQUARE, SQUARE	4年20日の日本		\$25,851	199,967	223,795		\$ 949,813	
153 Professional Fees	Smart Meter	Supplementary of the last of t	STREET, STREET		4,235	2,695	(Separate of the last of the l		\$ 6,930	
15.4 integration	STREET, STREET								vs	
1.5.5 Program Management	Smart Meter				120,206	589'55			\$ 175,892	
15.6 Other AMI Capital	Market Salama	Lawrence and	The state of the s						s	
Total Other AMI Capital Costs Related to Minimum Functionality		·	9	45	\$ 654 052	\$ 380,789	\$ 241,438	S	\$ 1.276,279	
Total Capital Costs Related to Minimum Functionality		S	S	5	\$ 4,970,626	\$ 15,180,372	\$ 1,098,730	\$ 474,200	\$ 21,723,929	
	Asset Type									
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY (Passa provide a descriptive title and stensity nature of beyond membran hondonalety count)		Audred Actual	Audited Actual	Audited Actual	Audfed Actual	Audried Actual	Audited Actuel	Forecast		
1.6.1 Costs related to technical capabilities in the smart meters or refalled continuous/sions infrastructure that exceed those specified in O Reg 425/05.	Smart Meter								v	
1 6.2 Costs for deployment of smart meters to customers other than residential and small general service	Smert Meter							0	es es	
i 6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, infegration with the MDMR, etc	Applications Software				28,621	1,081,822	2,043,123	24,307	\$ 3 178,074	
Total Capital Costs Beyond Minimum Functionality		\$	ys.	\$	\$ 28.621	\$ 1,081,822	\$ 2,043,123	\$ 24,307	\$ 3,178,074	
Total Smart Meter Capital Costs		so.	\$2	ss.	\$ 4,999,448	\$ 16,282,194	\$ 3,141,854	\$ 498,507	\$ 24,902,003	

regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted CM&A for 2012 for all smart meters in service.

mart Meter Capital Cost and Operational Expense Data	2006 Audred Actual	Audded Actual	2008 Audried Actual	2009 Audded Actual	2010 Audited Actuel	Audiled Actual	2012 and later Forecast	Total	ţa,
2 OM&A Expenses									
2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)	Audited Actual	Audred Actual	Audited Actual	Audited Actual	Audried Actual	Audked Actual	Forecast		
2.1.1 Maintenance impy mobule meter reventuation coats, etc.)	STREET, STREET	Editoria pagazina	Symposium A	4,685	19,890	4,300	Market Street, or other	ss	28,864
2.1.2 Other (preses specify)	SECURIOR SECTION	CONTRACTOR DELL	THE REAL PROPERTY.	To Continue of		SALVEN METABLES	distance in the	s)	66
Total Incremental AMCD OM&A Costs	55	\$	8	\$ 4,695	\$ 19,890	\$ 4,300	s	69	28,884
2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (Includes LAN)									
221 Manienance	The second second	日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日	STATE OF THE PARTY.	The state of the s	114,138	170,561	290,200	٧)	574,839
2.2.2 Other (please specify)	Section 1		Part and the second					v	
Total Incremental AMRC OM&A Costs	9	S	\$	\$	\$ 114,138	170,561	\$ 290,200	s	574,899
2.3 ADVANCED METERING CONTROL COMPUTER (AMCC.)									
2.3.1 Hardware Mantenance (may mobyle serve support, etc.)	Charles of the last			12,461			0000	и	18,461
2.3.2 Software Marrienance (may meture mandenance auppert, erc.)	The second second	post of the	The same of the sa	458	1,360	1,316	53,400	s	56,534
2.3.2 Other (please specify)		STATE OF THE PERSON NAMED IN		Name and Address of the Owner, where		Systematics.		s	
Total Incremental AMCC OMBA Costs	\$	8	S	\$ 12,919	\$ 1,360	\$ 1,316	\$ 59,400	ν.	74,994
2.4 WIDE AREA NETWORK (WAN)									
2 4 1 WAN Maintenance	Name of Street, or other Persons	Participants of		440	19.839	22,165	33,600		78,043
2 4 2. Olher (phase speedby)				Section of the second	Company of the Compan			**	S.
Total Incremental AMRC DM&A Costs	8	\$	\$	\$ 440	\$ 19,639	\$ 22,165	33,600	s	76,043
2.5 OTHER AMI OMBA COSTS RELATED TO MANIMUM FUNCTIONALITY									
2 5 1 Business Process Redesign	The state of the s	NAME OF STREET	Proposition and the same	To property of		Compile to	15,000	4 2	15,000
2.5.2. Customer Communication (may include project communication, etc.)	PASSIVILLE SAND			62,230	7,710	49,047	405,100	45	524,156
2.5.3 Program Management				4,358	123,110	199,570	211,200	45	538,238
2 % 4 Change Management (may include training, etc.)		National Property lies	The Personal Property lies	William China	909°B\$	8,058	4,000	49	70,865
2 5 5 Administration Costs	The same of the sa	PREDICTION	THE PARTY NAMED IN	24,778	32,234	33,928	5,000	49	95,940
256 Other AMI Expenses	The State of the Land	5,998	101,711	3,929		-330,000	-330,000	v?	548,362
(seess specty) Total Other AMI OM&A Costa Related to Minimum Functionality	s)	\$ 5,999	\$ 101,711	\$ 95,296	\$ 221,731	\$ 39,398	\$ 310,300	<u>~</u>	695,638
TOTAL OMBA COSTS RELATED TO MINIMUM FUNCTIONALITY	9	\$ 5.998	\$ 101,711	\$ 113,349	\$ 376.957	\$ 158,944	\$ 693,500	ν	1,450,459
2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY (Please private a describin tide and delate) nature of beyond minimum incidionate costs)	Audried Actual	Audried Actual	Audried Actual	Audred Actual	Audried Actual	Audred Actual			
2.6.1 Costs refoled to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O Reg 425/06.								\$	3.5
2.6.2 Costs for deployment of smart meters to customers other than residential and small general service								ø	
 Costs for TOU rate implementation. CIS system upgrades, web presentation, inferration with the MDMR etc. 					45,925	3.827	52.500	e)	102,252
Total OM&A Coste Beyond Minimum Functionality	*	\$	s	S	\$ 45,925	\$ 3,827	\$ 52,500	_ν	102,252
Total Smart Meter DM&A Costs	, i	\$ 5.998	\$ 101 711	5 113,349	\$ 422,882	\$ 162 771	\$ 746,000		1.552,711

regardless of whether a distributor has deployments in 2012, distributors should enter the torecasted OMSA for 2012 for all smart meters in service.

		2006	2007	2008		2009		2010	20	2011	2012 a	2012 and later	_	Total
Smart Meter Capital	Smart Meter Capital Cost and Operational Expense Data	Audited Actual	Audsed Actuel	Audited Actual	er i	Audited Actual	Audi	Audred Actuel	Auditer	Audred Actual	For	Forecast		
3 Aggregate Smart	3 Aggregate Smart Meter Costs by Category													
3.1	Capital													
3.1.1	Smart Meter	v	s	20	្	3,924,372	s	14,663,150	s	967,000	s	420.500	•	19,875,032
3.12	Computer Hardware	v	v	47	្ន	140,328	ø	96,992	•	33	s)	•	•	237,353
3.13	Computer Software	v	v	83	5 5	24,947	v	39 727	s	7	w	14	49	64,674
314	Tools & Equipment		v,	•	<i>ه</i>	22,584	49	1,440	s	1,276	w	٠	49	25,300
315	Other Equipment	v	49	en.		332,544	49	179.086	•	6,627	•	53,700	69	571,956
316	Applications Software	v	•	47	٠	554.673	49	1,281,789	6	2,265,918	w	24,307	49	4,127,687
3.1,7	Total Capital Costs	·	~	<u></u>	- -	4,999,448	-	16,262,194		3,141,854		498,507		24,902,003
3.2	OMBA Costs													
3.2.1	Total OM&A Coats	, w	\$ 5,998	\$ 101,711	_~	113,349	-	422,862	**	162,771	s	746,000		1,552,711





London Hydro Inc.

							2012 and
	2006	2007	2008	2009	2010	2011	later
Cost of Capital							
Capital Structure ¹			0.00	4 00/	4 000	4.00/	4 000
Deemed Short-term Debt Capitalization Deemed Long-term Debt Capitalization	55.0%	55.0%	0.0% 57.5%	4.0% 56.0%	4.0% 56.0%	4.0% 56.0%	4.0% 56.0%
Deemed Equity Capitalization	45.0%	45.0%	42.5%	40.0%	40.0%	40.0%	40.0%
Preferred Shares	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters							
Deemed Short-term Debt Rate			0.00%	1.33%	1.33%	1.33%	1.33%
Long-term Debt Rate (actual/embedded/deemed)2	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Target Return on Equity (ROE)	9.0%	9.00%	9.00%	8,01%	8.01%	8.01%	8.01%
Return on Preferred Shares	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WACC	7.35%	7.35%	7.28%	6.62%	6.62%	6.62%	6.62%
Working Capital Allowance			-				
Working Capital Allowance Rate (% of the sum of Cost of Power + controllable expenses)	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
Taxes/PILs							
Aggregale Corporate Income Tax Rate	36,12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%
Depreciation Rates							
(expressed as expected useful life in years)	10 miles 17 miles	an executor and	E-17.45	epiteman	PAGESTAN THE	100010000000000000000000000000000000000	Commercial
Smart Meters - years	6.67%	6.67%	6 67%	6.67%	15 6.67%	6.67%	15 6.67%
- rate (%)	5	5	5	5	5.01%	5	5
Computer Hardware - years - rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years	20.0076	100 March 100 Ma	20,00%	20.0010	20.0070	5	5
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	20.00%
Tools & Equipment - years	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Other Equipment - years	35	35	35	35	35	35	35
- rate (%)	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
CCA Rates							
Smart Meters - CCA Class	8	8	8	8	8	8	8
Smart Meters - CCA Rate	8%	8%	8%	8%	8%	8%	8%
Computer Equipment - CCA Class	45	50	50	52	52	50	50
Computer Equipment - CCA Rate	45%	55%	55%	100%	100%	55%	55%
General Equipment - CCA Class	8	8	8	8	8	8	8
General Equipment - CCA Rate	20%	20%	20%	20%	20%	20%	20%
Applications Software - CCA Class	12	12	12	12	12	12	12
Applications Software - CCA Rate	100%	100%	100%	100%	100%	100%	100%

- Assumptions

 1 Planned smart meter installations occur evenly throughout the year.

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

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



London Hashardon

Lundon Hydro Inc.				THE ALL		N - 1	240
Net Fixed Assets - Smart Meters	2006	2007	2008	2009	2010	2011	2012 and later
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Cests) Retrements/Removals (if applicable) Closing Balance	\$ -	\$.	\$	\$ 3,924,372 \$ 3,924,372	\$ 3,924,372 \$ 14,663,160 \$ 18,587,532	\$ 18,587,532 \$ 867,000 \$ 19,454,532	\$ 19.454.532 \$ 420.500 \$ 19.875.032
Accumulated Depreciation Opening Balance Amortization expense during year Retrementa/Removals (if applicable) Closing Balance	\$	\$	\$	\$ 130,812 -\$ 130,812	-\$ 130,812 -\$ 750,397 -\$ 881,209	\$ 881,209 -\$ 1,268,069 -\$ 2,149,278	-\$ 2,149,278 -\$ 1,310,985 -\$ 3,460,264
Net Book Value Opening Balance Closing Balance Average Net Book Value		\$ 5	\$	\$ 3,793,560 \$ 1,896,780	\$ 3,783,560 \$ 17,706,323 \$ 10,749,941	\$ 17,706,323 \$ 17,305,254 \$ 17,505,789	\$ 17,305,254 \$ 18,414,769 \$ 18,880,012
Net Fixed Assets - Computer Hardware							
Gress Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Reterenents/Removals (d applicable) Cleang Balance	\$	\$	\$	\$ 140,328 \$ 140,328	\$ 140,328 \$ 96,982 \$ 237,320	\$ 237,320 \$ 33 \$ 237,353	\$ 237,353 \$ 237,353
Accumulated Depreciation Opening Shaince Amortization aspense during year ReterrementalRemovals (d applicable) Closing Balance	\$ -	\$ -	\$ -	\$ 14,033 -\$ 14,033	-\$ 14,033 -\$ 37,765	-\$ 51,798 -\$ 47,467 -\$ 99,265	-\$ 99.265 -\$ 47,471 -\$ 146,736
Net Book Value Opening Statince Cloing Statince Average Net Book Value	\$	\$ \$ \$	\$	\$. \$ 126,295 \$ 63,148	\$ 126.295 \$ 185,523 \$ 155,809	\$ 185,523 \$ 138,088 \$ 161,806	\$ 138,088 \$ 90,618 \$ 114,353
Net Fixed Assets - Computer Software (including Applications Softw	vare)						
Gereas Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	MARKET TOTAL	\$.	\$	\$ 579.620 \$ 579.620	\$ 579,620 \$ 1,321,516 \$ 1,901,136	\$ 1,901,136 \$ 2,266,918 \$ 4,168,053	\$ 4,168,053 \$ 24,307 \$ 4,192,361
Accumulated Depreciation Opening Statuce Amortization expense during year RetrementalRetmovals (if applicable) Closing Balance	\$.	\$ -	\$ -	\$	\$.	\$ 606,919 -\$ 606,919	-\$ 606,919 -\$ 836,041 -\$ 1,442,960
Net Book Value Opening Balance Cloring Balance Average Net Book Value	\$ 5	\$ 5	\$ \$ \$	\$ 579,620 \$ 286,810	\$ 579,620 \$ 1,901,136 \$ 1,240,378	\$ 1,901,136 \$ 3,561,135 \$ 2,731,135	\$ 3,561,135 \$ 2,749,400 \$ 3,155,267
Net Fixed Assets - Tools and Equipment							
Gross Book Value Gening Balance Capital Additions during year (from Smart Meter Costs) Retrourners/Ramovals (d applicable) Closing Balance		6 ·	(a) (a) (a) (b) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	\$ 22.584 \$ 22.584	\$ 22,584 \$ 1,440 \$ 24,024	\$ 24,024 \$ 1,276 \$ 25,300	\$ 25,300 \$
Accumulated Depreciation Opening Balance Amortzabon expense during year Retrements/Removals (d applicable) Closing Balance	\$ 323		\$	\$ 2,258	\$ 2,258 -\$ 4,861	-\$ 6,919 -\$ 4,932	-\$ 11,852 -\$ 5,060
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$	\$. \$.	\$;	\$ \$ 20,326 \$ 10,163	\$ 20.326 \$ 17,105 \$ 18,715	\$ 17,105 \$ 13,449 \$ 15,277	\$ 13,449 \$ 8,388
Net Fixed Assets - Other Equipment							
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costa) Reterementa/Removals (if applicable) Closing Balance	Decount manager.	\$.	\$.	\$ 332,544 \$ 332,544	\$ 332,544 \$ 179,086 \$ \$11,629	\$ 511,629 \$ 6,627 \$ 518,256	\$ 518,256 \$ 53,700 \$ 571,956
Accumulated Depreciation Opening Balance Amortization supensis during year Reterements/Removals (d applicable) Closing Balance	\$ 5	\$	\$ -	\$ 4.751 -\$ 4.751	-\$ 4,751 -\$ 12,080	-\$ 16.810 -\$ 14.713	-\$ 31.523 -\$ 15.574 -\$ 47.097
Net Book Value Opening Balance Closing Balance Average Net Book Value		\$ -	\$:	\$ \$ 327,793 \$ 163,896	\$ 327,793 \$ 494,819 \$ 411,306	\$ 494,819 \$ 486,733 \$ 490,776	\$ 486,733 \$ 524,859 \$ 505,796



ario Energy Board	Smart Meter Model
Ontario	Sm

A to a second by a City of the	2	2006	.,	2007		2008		2009		2010		2011	2012	2012 and Later
Average net Thrus Asset values (from sites 4). Sinad Meters. Computer Nortware. Computer Software. Tools & Equipment Other Equipment Total Mer Fixed Assets.			w w w w w	1.4.4.4.4	w w w w w		~ ~ ~ ~ ~ ~	1,896,780 63,148 289,810 10,163 163,896 2,423,797	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10,749,941 155,909 1,240,378 18,715 411,306 12,576,250	~ ~ ~ ~ ~ ~ ~	17,505,789 161,806 2,731,135 15,277 490,776 20,304,782	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	16.860,012 114,353 3,155,267 10,918 505,796 20,646,347
Working Capital Operating Expenses (from Sheet 2) Working Capital Factor (from Sheet 3) Working Capital Allowance	a a		s s	5.998 15% 900	us us	101,711 15* 15.257	es es	113,349 15% 17,002	en en	422.882 15% 63.432	ss ss	162,771 15% 24,416	us us	746,000 15.
Incremental Smart Mater Rate Base	_	,	<u>_</u>	006	"	15,257	"	2,440,799		12,639,682	"	20,929,198	w.	20,758,247
Return on Rate Base Captus Structure Captus Structure Deemed Stort Term Debt Equity Préferred Shares Total Capitalization	<i>๛</i> ๛ ๛ ๛	0000	w w w w	495 405 405	w w w w	6,484	w w w w	97,632 1,366,848 976,320 2,440,799	w w w w	505,587 7,078,222 5,055,873 12,639,682	w w w w	837,168 11,720,351 8,371,679 20,929,198	พพพพ	830,330 11,624,618 8,303,299 20,758,247
Return on Debut Deemed Short Term Debut Deemed Short Term Debt Equity Equity Plerm Debt Equity Preferred Shares Total Return on Capital	พ พ พ พ พ	*****	<i>เ</i> เก เก เก เก	8 8 8	งงงงง	528 584 1,110	w w w w	1.299 82.011 76,203	w w w w	6.724 424,693 404,975 836.393	w w w w	11,134 703,221 670,572 1,384,927	พพพพพ	11,043 697,477 665,094 - 1,373,615
Operating Expenses	w		N	5,998	v	101,711	s	113,349	44	422,862	s,	162,771	•	746,000
	w w w w w	22.553	w w w w w	1 1 1 1 1	w w w w w	13.015	w w w w	130,812 14,033 2,258 4,751	~ ~ ~ ~ ~ ~ ~ ~	750.397 37,765 - 4,661 12.060	w w w w w	1,288,089 47,467 606,919 4,932 14,713	w w w w w	1,310,985 47,471 836,041 5,060 15,574
lotal Amortization Expense in Year Incremental Revenue Requirement before Taxes/Pil.s	n w	s: x	n w	6,064	n v	102,821	, _v	426.716	, ,	2,064,157	, h	3,489.798	, ,	4,334,747
Calculation of Taxable Income Incomental Operating Expenses Amortization Expenses Interest Expense Net Income for Taxes/PILs	w w w	975	w w w	5,998 ' 30 36	พพพพ	101,711 528 584	พ พ พ พ	113,349 151,854 83,309 78,203	๛๛๛	422,682 804,882 431,418 404,975	w w w	162,771 1,942,100 714,355 670,572	ง ง ง	746,000 2,215,132 708,520 665,094
Grossed-up Taxes/PILs (from Sheet 7) Revenue Requirement, including Grossed-up Taxes/PILs	us us		us us	20.60	es es	293.98	ń n	147,888.97	ώ n	357,339.32	å v	3.205.604	s s	95,901.98



Manage Contario Energy Board Smart Meter Model

For PILs Calculation

2008 2010 2011 2012 and later Audited Actual Audited Actual Audited Actual Forecast	\$ 5 324.372.7 \$ 1,607.397.28 \$ 175.42.639.22 \$ 16,971.548.23 \$ 5 324.372.7 \$ 14,603.160.12 \$ 867,000.16 \$ 420,500.00 \$ 5 3224.372.7 \$ 14,403.160.12 \$ 18,408.539.8 \$ 17,302,048.23 \$ 5 1,902.186.09 \$ 7,331.550.06 \$ 433,500.00 \$ 17,302.048.23 \$ 6 6 73,500.00 \$ 10,206.377.34 \$ 17,976.139.30 \$ 17,260.00 \$ 876 8 876 8 10,209.74 \$ 17,502.818.1 \$ 14,309.01 \$ 11,375.43.823 \$ 3,765,139.74 \$ 18,502.74 \$ 14,502.818.2 \$ 16,011.543.2 \$ 16,011.543.37	2006 2010 2011 2012 and leter Audited Actual Audited Actual Audited Actual Forecast	\$ 140,326.00 \$ 62,637.59 \$ 68,356.56 \$ 30,765.71 \$ \$ 30,76	2006 2019 2011 2012 and later Audited Actual Audited Actual Audited Actual Forecast	\$. \$ 22,584.23 \$ 119,615.05 \$ 418,165.36 \$ 341,644.60 \$. \$ 1,275.90 \$ 1,440.13 \$ 1,275.90 \$ 53,700.00	S 355127 83 S 500/140 96 S 426.057 83 S 335144 60 S 177,553 92 S 90,782 96 S 43,51128 S 72,850 00 S 9 S 177,553 92 S 409,878 00 S 422,116 64 S 368,494 60 S 20% 20% 20% 20% 20% 20% 20% S 315512 78 S 418,165 30 S 84,423 33 S 73,698 92 S 315615 05 S 418,165 30 S 341,644 60 S 321,645 68	2006 2009 2010 2011 2012 and later Auchted Actual Auchted Actual Auchted Actual Forecast	\$ 564,672.60 \$ 1,281.789.10 \$ 2,266,917.65 \$ 1,133,469.93 \$ 277,336.30 \$ 640,894.55 \$ 1,133,469.93 \$ 2,107.14 \$ 2,266.917.65 \$ 2,107.14 \$ 2,107
2007 Audited Actual		2007 Audiked Actual	00 00 00 00 00 00 00 00 00 00 00 00 00	2007 Audited Actual	v) v2 v3	2008 as	2007 Audhed Actual	100%
2006 Audied Actual	a & a & a	2006 Audited Actual	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2006 Audited Actual	999	50 S S S S S S S S S S S S S S S S S S S	2006 Audited Actual	55 55 55 55 55 55 55 55 55 55 55 55 55
UCC - Smart Meters	Opening UCC Capital Adoleose Rateramis/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Addrons - Disposals) Reduced UCC CA Rase Class CCA Rase COAR	UCC - Computer Equipment	Opening UCC Capital Additions Computer Handware Capital Additions Computer Software Reterements Removals (if applicable) VCC Before Half Year Rule Half Year Rule (112 Additions - Disposable) Reduced UCC CAR Rate Class CCAR Rate Class CCAR Rate Class CCAR Rate Class	UCC - General Equipment	Opening UCC Capital Additions Tools & Equipment Capital Additions Other Equipment	Referented/Services (if applicable) UCC Beforer Half Year Rule Half Year Rule (1/2 Addisons - Disposals) Reduced UCC CCA Rate Cliess CCA Rate Cliess CCA CGA Rule CCA CGA RULE CCA CGA CGA CGA CGA CGA CGA CGA CGA CGA	UCC - Applications Software	Opening UCC Copial Additions Applications Software Reterments/Removals (if applicable) UCC Before Hell Year Rule Half Year Hell (1/2 Additions - Disposals) Reduced UCC CA Rate Class CCA Rate



PILs Calculation

	2008 Audi	2008 Audited Actual		bed Actual	2005 Au	2007 Audited Actual 2008 Audited Actual		2009 Audited Actual	2010	2010 Audited Actual	2011	2011 Audited Actual		2012 and later Forecast
INCOME TAX														
Net Income	s	1	of	36 44	97	583 57	45	78 203 20	41	404 975 41	и	670.571.50	S	685 094 22
Amortization	100		40		45	!	и	151 854 25	v	804 882 13	4/1	1 942 100 22	-	2 215 132 09
CCA - Smart Meters	49		10	9	- 45		ņ	156,974,89	47	887,918.19	4	1.438,091.14	9	1,374,543.86
CCA - Computers	10		40		S	i	7	82,637,59	47	150,997 15	47	37 608 82	47	16 932 14
CCA - Applications Software	49		40		S	1	ę	277,338 30	47	918,230.85	47	1,774,353.48	47	1,145,512,50
CCA - Other Equipment	s	i S	ės.		50		ķ	35,512 78	ņ	81,975 60	47	B4.423 33	47	73,698,92
Change in laxable income	s		S	36 44	en.	583 57	s?	322,404,10	ş	829,264 25	ņ	721,803 06	v	269,438.89
Tax Rate (from Sheet 3)		36 12%		36 12%		33 50%		33 00%		31 00%		28 25%		26.25%
Income Taxes Payable	4n		50	13.16	S	195 49	2	106,393 35	12	257,071 92	7	203,909.36	S	70,727,71
ONTARIO CAPITAL TAX														
Smart Meters	40		10		100	3	49	3,793,559,76	un	17,706,323.07	w	17,305,254 40	vs.	16,414,788 91
Computer Hardware	**		44		49		19	126,295 20	ø	185,522.81	S	138,088 39	9	90,617.70
Computer Software (Including Application Software)	sri .		10		100		w	579,619.78	10	1,901,135,55	ø	3,561,134.51	e)	2,749,400 28
Tooks & Equipment	*	,	**		**		**	20,325 81	10	17 105 08	49	13,448 52	s)	8,388 46
Other Equipment	un.		ve.		90	*	ųA	327 792 98	10	494,819 15	s	486,733 16	y,	524,858.71
Rate Base	19	Section.	50	CONSTRUCT	49	Deliment.	so.	4,847,593.53	49	20,304,905.65	1/1	21,504,658 99	5	19,788,034 04
Deemed Taxable Capital	s)		us.	,	45	.	S	4,847,593 53	45	20,304,905.65	w	21,504,658 99	S	19,788,034,04
Ontario Capital Tax Rate (from Sheet 3)		0.300%		0.225%		0.225%		0.225%		0.075%		0.000%		9,000 0
Net Amount (Taxable Captal x Refe)	ω)		vs.		SO .		45	10,907 09	w	15,228.68			us	
Change in Income Taxes Payable	so.	ę	so.	13 16	67	195 49	47	106.393.35	7	257,071 92	47	203,909.36	49	70,727 71
Change in OCT	\$	8	ss e	1	s		s	10,907,09	s,	15,228 68	S		s,	-
PILS	,	-	,	13.16	n	195.49	7	95,486.27	7	241,843.24	7	203,909.36	2	17.727.07
Gross Up PILs		1		1		del done		-		de Anna		-		-
Change in Income Taxes Payable	vs	00.169	es.	20 60	49	293 98	47	158,798 05	•?	372,567 99	7	284,19423	un	95,901 98
Change in OCT	S		S		S		S	10,907 09	S	15,228 68	S	A 0.00 C C C C C C C C C C C C C C C C C	S	
PILS				20.60		293.96	**	147,688.97	7	357,339,32	~7	284,194,23	wit .	96,007,96

This worksheet calculates the funding adder revenues.

Account 1555 Sub-account Funding Adder Revenues

					-	ccount 1555 - Sub-s	BCCC	ount Funding Adde	rievenues					
	Approved Deferral and Variance					Opening Balance		Funding Adder	Interest					rd Approved Smart ter Funding Adder
Interest Rates	Accounts	CWIP	Date	Year (Sugreer	(Principal)		Revenues	Rate	Interest	Closing Balanca	Annual amounts	mo	(from Tariff)
2006 Q1			Jan-06	2006	Q1	s	in		0 00% S	77	s -			
2006 Q2	4 14%	4 68%	Feb-06			S S			0.00% 5		\$			
2006 Q3 2006 Q4	4.59% 4.59%	5.05% 4.72%	Mar-06 Apr-06			\$			0 00% \$		\$ -			
2007 Q1	4 59%	4 72%	May-06			\$			4 14% 5		\$.			
2007 Q2	4 59%	4.72%	Jun-06	2006		s -	5	34,088 48	4 14% \$		\$ 34,088 48		\$	0.27
2007 Q3 2007 Q4	4 59% 5.14%	5 18% 5 18%	Jul-05 Aug-06			\$ 34,086.48 \$ 71,783.22		37,694.74 38,850.49	4 59% 5		\$ 71,913 61 \$ 110,908 28		\$	0 27 0.27
2008 Q1	5.14%	5 18%	Sep-06	2006		\$ 110,633.71		35,719.38	4 59% 5		\$ 146,776.24		3	0.27
2008 Q2	4 08%	5 18%	Oct-06	2006	04	\$ 146,353 07	\$	39,906 81	4 59% \$	559.80	\$ 186,819 68		\$	0 27
2008 Q3 2008 Q4	3 35% 3 35%	5 43% 5 43%	Nov-08 Dec-06			\$ 166,259.88 \$ 223,198.88	\$	36,939.00 34,650.90	4 59% \$		\$ 223,911 32 \$ 258,703 52	\$ 260 803 89	S	0 27 0 27
2009 Q1	2 45 %	6 61%	Jan-07			\$ 257,849 78		42,194.11	4.59% \$		\$ 301,030 17	200,003 00	\$	0 27
2009 Q2	1 00%	6 61%	Feb-07			\$ 300,043 89		34,801.57	4.59% \$		\$ 335,993.13		S	0 27
2009 Q3 2009 Q4	0 55% 0 55%	5 67% 4 66%	Mar-07 Apr-07			\$ 334,845.46 \$ 374,995.28		40,149.82 37,096.45	4.59% 3	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 376,276 06 \$ 413,526 09		5	0.27 0.27
2010 Q1	0 55%	4 34%	May-07			\$ 412,091.73	\$	39,445.13	4 59% \$		\$ 453,113.11		\$	0.27
2010 Q2	0 55%	4 34%	Jun-07	2007		\$ 451,536.86	\$	37, 176.19	4 59% 5		\$ 490,440.18		\$	0.27
2010 Q3 2010 Q4	0.89%	4 66% 4 01%	Jul-07 Aug-07			\$ 488,713.05 \$ 528,990.05		40,277.00 38,394.86	4 59% 5		\$ 530,859.38 \$ 569,406.30		\$	0.27 0.27
2011 Q1	1 47%	4 29%	Sep-07			\$ 567,384 91		35,296.91	4 59%		\$ 604,852 07		S	0.27
2011 Q2	1 47%	4 29%	Oct-07	2007		\$ 602,681 82	\$	41,537.56	5 14% 3		\$ 646,800.87		\$	0.27
2011 Q3 2011 Q4	1 47%	4 29%	Nov-07 Dec-07			\$ 644,219.38 \$ 681,690.25		37,470.87 35,210.40	5 14% S		\$ 684,449 68 \$ 719,820 56	\$ 481,527,12	\$	0.27 0.27
2012 Q1	1.47%	4.29%	Jan-08	2008	01	\$ 716,900.65	S	42,816.30	5 14% 5	3,070.72	\$ 762,789 67		S	0 27
2012 Q2	1.47%	4 29%	Feb-08	2008	19	\$ 759,718.95	5	35,324 27	5.14% \$	3,254 13	\$ 798,297.35		\$	027
2012 Q3 2012 Q4	1 47%	4 29% 4.29%	Mar-08 Apr-08			\$ 795,043 22 \$ 832,516.80		37,473.58 41,851.45	5 14% S 4 08% S		\$ 835,922.24 \$ 977,198.81		\$	0 27 0 27
2012 Q4		4.2974	May-08			\$ 874,368.25	\$	37,657.87	4 08% 3		\$ 914,998 97		S	0.27
			Jun-08	2008	Q2	\$ 912,026.12	\$	38,698.72	4 08% 5	3,100.89	\$ 953,825 73		5	0.27
			80-lut 80-guA		Q3	\$ 950,724.84 \$ 991,664.15	5	40,939.31 36,731.82	3.35% 3		\$ 994,318.26 \$ 1,031,164.37		\$	0 27 0.27
			Sep-08			\$ 1,028,395.97		39,936.61	3.35% 5		\$ 1,071,203 52		\$	0.27
			Oct-08		Q4	\$ 1,068,332.58	\$	39,888.41	3.35% \$		\$ 1,111,203 42		\$	0 27
			Nov-08 Dec-08			\$ 1,108,220.99 \$ 1,143,917.81		35,696.82 38,942.78	3.35% 5 3.35% 5		\$ 1,147,011 59 \$ 1,186,054 03	\$ 502,157.63	\$	0 27 0 27
			Jan-09			\$ 1,182,880.59		41,101.64	2.45%		\$ 1,226,377 24	3 302,131 03	\$	0 27
			Feb-09	2009	Q1	\$ 1,223,962.23	\$	34,381.55	2 45% 5		\$ 1,260,842 70		S	0 27
			Mar-09			\$ 1,258,343.78 \$ 1,302,988.36		44,644.58 35,904.84	2 45% 5		\$ 1,305,557.48 \$ 1,340,979.02		\$	0.27 0.27
			Apr-09 May-09	2009		\$ 1,302,988 36 \$ 1,339,893 20		36,671.23	1.00% 3		\$ 1,377,681 01		\$	0.27
			Jun-09		Q2	\$ 1,376,564 43	\$	24,848.76	1 00% 3	1,147 14	\$ 1,402,560 33		\$	0.27
			Jul-09			\$ 1,401,413.19		50,032.15	0.55% 3		\$ 1,452,087 65 \$ 1,498,004 26		5	0.27 0.27
			Aug-09 Sep-09	2009	Q3	\$ 1,451,445.34 \$ 1,497,339.01		45,893.67 37,876.25	0 55% 3		\$ 1,498,004.26 \$ 1,535,901.54		S	0.27
			Oct-09	2009	Q4	S 1,535,215 26	\$	47,987.83	0.55% 5		\$ 1,583,906 73		\$	1,00
			Nov-09			S 1,583,203 09		124,769 33 114,037,99	0.55% 3		\$ 1,708,698.05 \$ 1,822,793.23	\$ 654,188.34	\$	1.00 1.00
			Dec-09 Jan-10			\$ 1,707,972.42 \$ 1,822,010,41		159,463.17	0.55% 3		5 1,982,308,67	3 034, 100.34	\$	1.00
			Feb-10			\$ 1,981,473 58	5	131,562.89	0.55% 3		\$ 2,113,944 65		5	1.00
			Mar-10 Apr-10		Q1 Q2	\$ 2,113,036.47 \$ 2,292,092.89	\$	179,056.42 143,962.49	0.55% 3		\$ 2,293,061 37 \$ 2,437,105 92		\$	1.00
			May-10			\$ 2,436,055.38			0.55%		5 2,579,320.90		S	1.00
			Jun-10	2010	QZ	\$ 2,578,204 37	\$	155,897.94	0.55%		\$ 2,735,283 99		\$	1.00
			Jul-10			\$ 2,734,102.31 \$ 2,880,788.58		146,686.25 150,899.67	0.89%		\$ 2,882,816 35 \$ 3,033,824 81		S	1.00
			Aug-10 Sep-10			\$ 3,031,688.23		144,082.93	0.89%		\$ 3,177,999 66		\$	1.00
			Oct-10	2010	Q4	\$ 3,175,751.16	\$	143,528.43	1 20% 3	\$ 3,175.75	5 3,322,455 34		\$	1.00
			Nov-10 Dec-10		04	\$ 3,319,279.59 \$ 3,470,331.41	\$	151,051.82 134,785.69	1 20% 3		\$ 3,473,650 69 \$ 3,608,587 43	\$ 1,805,545.42	\$	1.00
			Jan-11			\$ 3,470,331,41 \$ 3,605,117,10		163,790.66	1 47%		\$ 3,773,324 04	3 1,000,040 42	2	1.00
			Feb-11	2011	10	\$ 3,768,907 77	\$	121,900.18	1 47%	4,616.91	\$ 3,895,424.86		\$	1.00
			Mar-11 Apr-11			\$ 3,890,807.95 \$ 4,060,181.69		169,373.74 131,451.68	1 47%		\$ 4,064,947 93 \$ 4,196,607 07		5	1.00 1.00
			Apr-11 May-11			\$ 4,000,181.09 \$ 4,191,633.35		155,879 10	147%		\$ 4,353,647.20		\$	1.46
			Jun-11	2011	92	\$ 4,348,512.45	\$	191,554.65	1 47%	5 5 326 93	\$ 4,545,394 03		\$	1 46
			Jul-11			\$ 4,540,087 10 \$ 4,786,000 81		245,833.71	1 47%		\$ 4,791,562 39 \$ 5,020,287 27		\$	1 46 1.46
			Aug-11 Sep-11			\$ 5,014,424.42		228,423.61 212,006,72	147%		\$ 5,020,267 27		\$	1.46
			Oct-11		04	\$ 5,226,431 14	S	217,082.91	1 47%	6,402.38	\$ 5,449,916.43		8	1.46
			Nov-11			\$ 5,443,514.05			1 47%		\$ 5,866,501.92	\$ 2,314,594 14	S	1.46
			Dec-11 Jan-12			\$ 5,659,633 62 \$ 5,852,905.35	\$	193,071.73 213,200.00	1.47%		\$ 5,859,838.65 \$ 6,073,275.16	\$ 2,314,594 14	\$	1.46
			Feb-12			\$ 6,066,105.35			1 47%		\$ 6,285,736.33		S	1.48
			Mar-12			\$ 6,279,305.35			1 47%		\$ 6,500,197.50		3	1.46
			Apr-12 May-12			\$ 6,492,505.35 \$ 6,745,068.35		252,563.00 222,563.47	1.47%		\$ 6,753,021 67 \$ 6,975,894 53		\$	1.46
			Jun-12	2012	02	\$ 6,967,631 82		12,000.47	1 47%	\$ 8,535.35	\$ 6,976,167.17			
				2012	Q3	\$ 6,967,631.82			1 47%		\$ 6,976,167,17		100	
			Aug-12 Sep-12			\$ 6,967,631.82 \$ 6,967,631.82			0.00%		\$ 6,976,167 17 \$ 6,967,631.82			
			Oct-12		Q4	\$ 6,967,631.82			0.00%	\$ -	\$ 6,967,631.82			
			Nov-12	2012		\$ 6,967,631.82	5		0 00%	٠ 2	\$ 6,967,631.82		10	
			Dec-12	2012	Q4	\$ 6,967,631.82			0 00%	5 -	\$ 6,967,631.82	\$ 1,178,841.49		





April 100 miles

Losation Hydro In-

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

Account 1558 - Sub-accounts Operating Expenses, Amortization Expenses, Carrying Charges

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date			Opening Salance (Principal)		M&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			\$		VACODERA!		1 × ×	0.00%	1.00	
2006 Q2 2006 Q3	4 14%	4 68% 5 05%	Feb-06 Mar-06			100					0.00%		
2006 Q4	4 59%	4.72%	Apr-06			- 22				3 3	0 00%	3.0	-
2007 (21	4 59%	472%	May-06								4 14%	2.0	
2007 Q2 2007 Q3	4 59% 4 59%	4.72%	Jun-06			1.0			5		4 14%	2.5	
2007 Q3 2007 Q4	5 14%	5.16% 5.16%	Jul-06 Aug-06			25				9 12	4 59% 4 59%	4.56	100
2008 Q1	5 14%	5 18%	Sep-06			- 1				i	4 59%		0
2008 Q2	4 08%	5 18%	Oct-06			33					4 59%	0,40	-
2008 Q3 2008 Q4	3 35% 3 35%	5 43% 5 43%	Nov-06 Dec-06			100	超		5		4 59% 4 59%	100	
2009 Q1	2 45%	661%	Jan-07	112		- 3				- 2	4 59%		- 1
2009 Q2	1 00%	6.61%	Feb-07			34			S AND THE RESERVE		4 59%		2
2009 Q3 2009 Q4	0.55%	5.67% 4.66%	Mar-07 Apr-07			- 3			1000		4 59% 4 59%		
2010 Q1	0.55%	4 34%	May-07								4 59%		
2010 Q2	0.55%	4 34%	Jun-07			0.0	35			19	4 59%	100	-
2010 Q3 2010 Q4	0 89% 1 20%	4 66% 4 01%	Jul-07 Aug-07			-			12-95-31		4 59%	100	
2011 Q1	1 47%	4 29%	Sep-07						1 10 10 10		4 59%	0.27	
2011 Q2	1.47%	4 29%	Oc1-07			-			5		5.14%	0.0	
2011 Q3 2011 Q4	1 47%	4 29% 4 29%	Nov-07 Dec-07		100		H				5 14%		-
2011 Q1	1 47%	4 29%	Jan-08			5,998 01	3	5,998.01 723.89	A CONTRACTOR	5,998 01 6,721.90	5.14% 5.14%	25.69	25 69
2012 Q2	1 47%	4 29%	Feb-08			6,721 90		936 08		7,657 98	5 14%	28 79	54 48
2012 Q3	1 47%	4 29%	Mar-08			7,657.98		282.17		7,940.15	5.14%	32 80	67 29
2012 Q4	0 00%	4 29%	Apr-06 May-08			7,940.15 8,513.81		573.66 56.45		8,513 61 8,570 26	4 08%	27 00 28 95	114 25 143 23
			Jun-08			8,570.26		333 42		8,803 68	4 08%	29 14	172 37
			Jul-08			8,903.68		15,785.98		24,689 66	3 35%	24 86	197 22
			Aug-08 Sep-08			24,689.66 37,364.76		12,675.10 8,820.00		37,364 76 46,184.76	3 35%	68 93	266 15
			Oct-08			46,184.76		22,995 00		69,179.76	3 35% 3 35%	104 31 128 93	370 46 499 39
		1	Nov-08		10	69,179.76		19,769.06		88,948 82	3 35%	193 13	692 52
		- 1	Dec-08		15	88,948.82		18,760.00		107,708 82	3 35%	248 32	940 83
		- 1	Jan-09 Feb-09			107,708 82 107,776 83		52 626 00	\$ 68.01 \$ 1,070.60	107,776 83 161,473 52	2 45%	219 91 220 04	1,160 74 1,360 76
			Mar-09			161,473 52	3	56,259 09	1,665.08	219,397 69	2 45%	329 66	1,710 46
			Apr-09			219,397 69		96,015.90		126,173 38	1 00%	182 83	1,893 29
			May-09 Jun-09			126,173.38 134,655.67		1,768.91 3.793.55		134,655 67 148,761 49	1 00%	105 14 112 21	1,998 43 2,110 65
			Jul-09			145,761 49		6,038.10		165.417.12	0.55%	68 18	2,178 83
			Aug-09			185,417 12		8,003 67		185,943 85	0.55%	75 82	2,254 65
			Sep-09 Oct-09			185,943 85 207 737 96		4,642.44 3,582.69		207,737 96 234,454 07	0.55% 0.55%	85 22 95 21	2,339 87 2,435 08
			Nov-09			234,454 07		53,626.29		312,880 12	0.55%	107 46	2,542 54
			Dec-09			312,680 12		21,022.09	27,778.72	361,660 93	0 55%	143 40	2,685 95
			Jan-10 Feb-10			361,680 93 466,077 95		65,155.98 13,472.53		486,077 95 536,021 18	0.55% 0.55%	165 77 213 62	2,651 72 3,065 33
			Mar-10			536.021.18		54.485.47		659,090.67	0.55%	245 68	3,311 01
			Apr-10			659,090 67		46,949.82	B4,715.00	790,755 49	0.55%	302 08	3,613 09
			May-10 Jun-10			790,755 49		28,523.90		914,159 22	0.55%	362 43	3,975 52
			Jul-10			914,159 22 1,012,645 51		2,022.96 26,235.11		1,012,645 51	0 55% 0 89%	418 99 751 05	4,394 51 5.145 56
			Aug-10			1,135,979 99	\$	\$2,965.93	99,420.74	1 268 366 65	0.89%	842 52	5,988 08
			Sep-10 Oct-10			1,288,366.65 1,420,332.28	\$	31,967.56 32 298 26		1,420,332 28	0.89%	955 54	6,943 62
			Nov-10			1,555,330.75		32,298.26 2,626.97		1,555,330 75	1.20%	1,420 33 1,555 33	8,363 95 9 919 28
			Dec-10			1,857,488 45		71,431.52		1,847,040.21	1.20%	1,657 49	11,576 77
			Jan-11			1,647,040 21		67,835 29		2.034.207 62	1.47%	2,262.62	13,839 39
			Feb-11 Mar-11			2,034,207 62 2,190,658 46		35,751.75 14,718 84		2,190,858.48 2,201.921.25	1 47%	2,491 90 2,683.80	16,331 30 19,015 10
			Apr-11			2,201,921 25		5,893 04		2,319,980 19	1 47%	2,697.35	21,712 45
			May-11			2,319,980.19	-\$	58,254.35	112,366.31	2,374,092.15	1.47%	2,641 98	24,554 43
			Jun-11			2,374,092.15		4,941,13		2,491,670.75	1 47%	2,908 26	27,462 69
			Jul-11 Aug-11			2,491,870.75 2,612.339 10	\$	7,434.01 1,797.67		2,612,339.10	1 47%	3,052 54 3,200,12	30,515 23 33,715 35
			Sep-11			2,723,699.79	5	14,574.72	113,245 47	2,851,519 97	1.47%	3,336.53	37,051 88
			Oct-11 Nov-11			2,851,519 97		23,235.11		2 988 113 91	1 47%	3,493 11	40,544 99
			Dec-11			2,988,113 91 3,167,215 01	\$	23,426.18 54,451.23		3,167,215 01 3,400,073 92	1 47% 1 47%	3,660 44 3,879.84	44,205 43 48,085 27
			Jan-12			3,400,073 92	\$	69,750.76	179,031.76	3,648,856 43	1 47%	4,165 09	52,250.36
			Feb-12			3,648,856 43		72,250.76	179,655.83	3,900,763 02	1 47%	4,469.85	56,720 21
			Mar-12 Apr-12			3,900,763.02 4.158.789.16		72,250.76 : 70,584.09 :		4 158 789 16	1 47%	4,778.43	61,498 64
			May-12			4,415,148.62		10,004.08	185,775.38	4,415,148.62	1 47%	5,094 52 5,408 56	66,593.16 72,001.72
			Jun-12			4,415,148.62	20			4,415,148.62	1.47%	5,408 56	77,410 27
			Jul-12 Aug-12			4,415,148.62 4,415,148.62				4,415,148 62 4,415,148 62	1 47%	5,408 56	82,818 83 86 227 39
			Sep-12			4,415,148.62				4,415,148.62	0.00%	5,408 56	86,227 39 86,227 39
			Oc1-12			4,415,148.62				4,415,148 62	0 00%	-	68,227.39
			Nov-12			4 415 148 62				4 415 148 62	0.00%		88 227 30



Ontario Energy Board Smart Meter Model

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

Year	OM&A (from	OM&A (from Sheet 5)	Amoi Expe (from	Amortization Expense (from Sheet 5)	Cumi and A	Cumulative OM&A and Amortization Expense	Avera Cumi and A	Average Cumulative OM&A and Amortization Expense	Prescribed Interest Rate for Deferral and Variance Accounts (from Sheets 8A and 8B)	Simpli OM&4 Amort Exper	Simple Interest on OM&A and Amortization Expenses
2006	49	1	s		69	1	s	•	4.37%	49	•
2007	s	5,998.00	69		63	5,998.00	49	2,999.00	4.73%	69	141.78
2008	49	101,711.00	49	•	63	107,709.00	69	56,853.50	3.98%	69	2,262.77
2009	49	113,349.02	49	151,854.25	₩	372,912.27	49	240,310.64	1.14%	49	2,733.53
2010	G	422,882.26	49	804,882,13	69	1,600,676.67	49	986,794.47	0.80%	₩,	7,869.69
2011	69	162,770.95	69	1,942,100.22	69	3,705,547.84	69	2,653,112,25	1.47%	69	39,000.75
2012	69	746,000.00	69	2,215,132 09	69	6,666,679.92	69	5,186,113.88	1.47%	ь	76,235.87
Cumulativ	Cumulative Interest to 2011	to 2011	25.000.50				Cappea	SECRETARIST CONTRACTOR		69	52,008.52
Cumulativ	Cumulative Interest to 2012	to 2012								61	128 244 39



Ontano Energy Board Smart Meter Model

This worksheet calculates the Smart Meter Disposition Rider and the Smart Meder Incremental Revenue Requienment Rate Rider, If applicable. This worksheet also calculates any new Smart Meder Funding Adder has a statistication may with to require. However, please node that in many 2011 Ridd Adder that a statistication will be considered to the statistic consideration of the statistic opportunity. The Board supportation will be considered to provide a statistic opportunity. The Board supportunity and in a statistic or statistic of smart enter costs when recovered to statistic approvacy. The Board supportunity and the SMRA is a real intended to be compensationy (return or and of capital) or a smart series in year or the statistic or statistic investment and not fully fund prior capital investment. Distributors that seks a new SMRA was not intended to be compensationy (return or and of capital) on a summittee basis over the term the SMRA was not intended to be compensationy (return or and of capital) or a summittee basis over the term the SMRA was in affect. The SMRA was a restrict that provide a support it is proported to support it in proportial to support it is proported. This would include documentation of where the distributor is with respect to its smart meter deployance and reasons as to why the distributor's circumstances are such that continuation of the SMRA is werenisted. Press the "UPDATE WORKSHEET" button after choosing the applicable addentifieds.

Check if applicable

Smart Meter Funding Adder (SMFA)

X Smart Meter Disposition Rider (SANDR)
X Smart Meter Incremental Revenue Requ

Smart Meter Incremental Revenue Requirement Rate Rider (SMIRR)

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

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

		2006		2002		2008		2009		2010		2011	8	2012 and later		Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	٧,	9	vı	6,084 73	49	103,114.90	40	278,826.86	49	1,706,818 11	e,	3,205,603.62	1/3	4,430,548 75	6/1	9,731,097 18
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet &A/8B) (Check one of the boxee befow)	•		40	4	**	940 83	w	1,745.11	*	8,890.82	w	36,508 50	**	40,142,12	49	88,227.39
X Sheet 8A (Interest calculated on monthly balances)													H	2000		
Sheet 8B (Interest calculated on average annual balances)																
SMFA Revenues (from Sheet 8)	40	257,849.78	49	459,050 87	w	465,959.94	6)	639,149.82	49	639,149.82 \$ 1,783,106.69 \$	S	2,247,788 24	м	1,114,726.47	49	6.967.631.82
SMFA Interest (from Sheet 8)	s	2,954 11	•	22,478 25	47	36,197 69	•	15,038 52	s	22,438.73	69	66,805,90	6/1	64,115 02	49	230,026 22
Net Deferred Revenue Requirement	47	260,803 89	4	475,442.39	ņ	398,101,90	si,	373,616 36	47	89,836 49	69	927,518 18	en.	3,291,949.38	w	2,621,666 53
Number of Metered Customers (average for 2012 test year)	١							100				1	Ų,	145643.5		

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

SECURE (SPICE	\$ 5,346,675,42	\$ 7,197,658.04	-\$ 1,808,982 22	\$ 100 S	-\$ 1,812,513.88
Years for collection or refunding	Deferred Incremental Revenue Requirement from 2006 to December 31, 2011	SMFA Revenues collected from 2006 to 2012 test year (inclusive)	Tue Suithe Interest on Swit A way entere Net Deferred Revenue Requirement	SMDR May 1, 2012 to April 30, 2013	Check Forecasted SMOR Revenues

lation of Smart Meter Incremental Revenue Requirement Rate Rider (per metared customer per mor

	Match	
1		- 3
4,430,648.75	252	4 434 499 44
v	40	v
Incremental Revenue Requirement for 2012	SMIRR	Check Forecasted SWIRR Bevenues

Appendix C: 2012 Smart Meter Rate Impacts

Rate Class

Residential

Impact Comparision to Approved 2012 IRM Bates (Smart Meter)

Monthly Rates and Charges	IRM 2012	Applied for Rate
Service Charge	1232	12.72
Smart Meter Funding Adderf SM Recovery 2012	D(* 30 00 00	1.52
Service Charge Rate Rider(s)	- C	
Distribution Volumetric Rate	0.01430	0.01430
Distribution Volumetric Rate Rider(s)	(0.00136)	(0 00136)
Low Voltage Volumetric Rate	000000	00000
Retail Transmission Rate - Network Service Rate	0 00200	0.00700
Retail Transmission Rate - Line and Transformation Connection Service Rate	0 00230	0.00530
Wholesale Markel Service Rate	0 0052	0 0052
Rural Rafe Protection Charge	1100 0	1100.0
Standard Supply Service - Administration Charge (if applicable)	0.25	0.25
Debt Retrement Charge (DRC)	0.0070	0.0070
Loss Bactor	1 0400	1.0400

urrent Loss Factor 1.0409
Proposed Loss Factor 1.0409

kWh

800

Consumption RPP Tier One

sidential	Volume	Current Rafe (\$)	Current Charge (\$)	Volume	Proposed Date (5)	Proposed Charge (5)	Change (\$)	Change (%)	% of Total
XI- Off Peak	532.94	0.0850	34.64	532.94	0.0650	3464	00:0	9,0000	27 11%
OU- Mid Peak	149.89	0 1000	14.89	149.89	0 1000	14.98	0.00	9,00.0	11,73%
OU- On Peak	149 89	0.1170	17.54	149 89	0.1170	17.54	0.00	9,000	13 72%
-Total: Energy	The state of the s	The second second	67.17	0	0.0	67.17	00'0	0.00%	52.56%
sryice Charge	_	12.72	12.72	1	12.72	12.72	0.00	0.00%	9.35%
rivice Charge Rate Rider(s)	-	00'0	00.0	1	1.52	1.52	1.52	9,000	1,19%
stribution Volumetric Rate	800	0.0143	11.44	800	0.0143	11.44	0000	9,000	8.95%
w Voltage Volumetric Rate	800	0 0000	0.00	800	00000	00:0	00.0	9,000	0.00%
stribution Volumetric Rate Rider(s)	800	(0.0014)	(1.09)	800	(0.0014)	(1.09)	0.00	9,000	(0.85)%
al: Distribution			23.07			24.59	1.52	6.59%	19.24%
stal Transmission Rate - Network Service Rate	832 72	0.0000	5.83	832 72	0.0070	5.83	00 0	%00 D	4 56%
stari Transmission Rate - Line and ansformation Connection Service Rate	832 72	0 0023	441	832 72	0.0053	4.41	000	%00 0	3.45%
al: Retail Transmission			10.24			10.24	00'0	9,00.0	8.01%
-Total: Delivery (Distribution and Retail	Second Second	The Later Street	33,31			34.83	1.52	4.56%	27.26%
holesale Markel Service Rate	832.72	0.0052	33	832.72	0 0052	33	00 0	9,00.0	3 39%
wal Rate Protection Charge	832 72	0.0011	0.92	832.72	0 0011	0.92	0.00	96000	0.72%
andard Supply Service - Administration Charge applicable)	-	0.25	0.25	1	0.25	929	00.0	%00 0	0 20%
F-Total: Regulatory		CONTRACTOR OF THE PERSON NAMED IN	5.50	THE PROPERTY OF THE	0.00	5.50	TOTAL STATES	County Manual Street	4.30%
it Retirement Charge (DRC)	800.00	0.00700	5.60	800	0.0070	5.80	0.00	0.00%	4.36%
al Bill before Taxes	minutes and a second	September 100 to	111.58	DOUBLE LINES	OR CONTRACTOR OF	113.10	1.62	1,36%	88.50%
ST		13%	14.51		13%	14.70	0.20	1.36%	11.50%
al Bill other and the second party and a second par	DETENDED A	elipproprior (sublified and	128.08	CONTRACT SAF	CANCELLEGICAL SPICES	127.80	1.72	1,36%	100,00%
arlo Clean Energy Benefit (OCEB)	100 W	10% (MA)	12.51	A STATE OF THE PARTY OF	(10%)	-12.78	elliste Carrie programme (Co.	COMPANIES COMPANIES	
tal Bill (less OCEB)	STATE STATE OF	S0476 NAME OF TAXABLE PROPERTY.	113.47	STREET, STREET,	DESCRIPTION OF THE PARTY OF THE	115.02	1.55	1.36%	PRESIDENTES.

Rate Class

General Service Less Than 50 kW

Monthly Rates and Charges	IRM 2012	Applied For Rate
Service Charge	29.58	29.58
Smart Meter Funding Adder		10.40
Service Charge Rate Rider(s)		•
Distribution Volumetric Rate	0.00920	0.00920
Distribution Volumetric Rate Rider(s)	(0.00098)	(86000 0)
Retail Transmission Rate - Network Service Rate	0.00650	0 000820
Retail Transmission Rate - Line and Transformation Connection Service Rate	0.00460	0.00480
Wholesale Market Service Rate	0.0052	0 00250
Rural Rate Protection Charge	0 0011	11000
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0200 0
Loss Factor	1 0400	1 0400

nsumption	2,000	kWh		kW
PP Tier One	009	KWh	Load Factor	1000000

General Service Less Than 50 kW	Volume	Current Rate (5)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	00.009	0.0750	45.00	800.00	0.0750	45.00	00:00	9600.0	14.11%
Energy Second Tier (kWh)	1,48180	0.0880	130.40	1,481.80	0.0880	130 40	00:0	9600.0	40.88%
Sub-Total: Energy	WE AND PRINTED	The Part of the Pa	175.40		Account to the same of	175.40	000	20000	24.99%
Service Charge	1	29.58	29.58	-	29 58	29.58	00:0	9600.0	9.27%
Service Charge Rate Rider(s)	1	00.00	0.00	1 ::	10 40	10.40	10.40	9600:0	3 26%
Distribution Volumetric Rate	2,000	0.0092	18.40	2,000	0.0092	18 40	00:0	9600:0	5.77%
Distribution Volumetric Rate Rider(s)	2,000	(0.0010)	(196)	2,000	(0.0010)	(1.96)	00:0	%00.0	%(190)
Total: Distribution		0.0	48.02			56.42	10.40	22.60%	%69.41
Retail Transmission Rate - Network Service Rate	2,06180	0.0065	13.53	2,08180	0.0065	13 53	00.0	9600-0	4 24%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,08180	0.0046	9\$6	2,08180	0.0046	928	00:00	%00:0	3 00%
Total: Retail Transmission			23.11			23.11	0.00	%00' 0	7.24%
Sub-Total: Delivery (Distribution and Retail Transmission)	\$100 mg/s	100 B (S-N)	69,13	12	BOH OF	79.53	10.40	15.04%	24.93%
Wholesale Market Service Rate	2,081.80	0.0052	10.83	2,081.80	0.0052	10.83	000	%00.0	3.39%
Rural Rate Protection Charge	2,08180	0.0011	229	2,081.80	0.0011	2.29	000	9600:0	0.72%
Standard Supply Service — Administration Charge [if applicable]	1	0.25	0.25	1	0.25	0.25	000	%00 0	%80.0
Sub-Total: Regulatory	Spirits of the spirits	and the second second	13,37			13,37	PROPERTY OF THE PARTY OF T	and Selected Selections	4.19%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000	0.0070	14.00	0.00	0.00%	4.39%
Total Bill before Taxes	The second second	Contract Statement	271.69	the State of the S	The Part of the Party of the Pa	282.29	10.40	3.83%	88.50%
HST		13%	35.35		13%	36.70	1.35	3.83%	11.50%
Total Bill	A SECTION AND DESCRIPTION OF REAL PROPERTY.	CONTRACTOR OF THE PERSON NAMED IN	307,24	SERVICENCE	CHEROSTEO SCORES	316,99	92.54	3,83%	100,001
Ontario Clean Energy Benefit (OCEB)	to Editor Telephone	19,043	20.00	Water State of State	196063	-31.90		100	
Total Bill (less OCEB)	Special and Special Sp	MERCHANIST STATE	276.51	ATTEMPT OF THE PERSON	DHECTORECES	287.09	10.58	3.83%	423511,PRO

Appendix D: 2012 Smart Meter SMDR SMIRR Calculations

London Hydra -Smart Martial Recoveries - EB-2012-0197

	1001	800	9000	3000	1762	ни	Total 2009 to 2011	Allocator	ID and Factors	Total	Residential	Part In IV
Married Press.	SEASON SP	SHILLINGS	STREETS	RUMONIA	31,205,408,10		\$5,300,400.40		Section 1			
							garage and a					
Martin on Copies	200 (24.107.96	04.216.1016	m car'ere	11.004.320		Albertand part Chris	200		SLANOBAR	\$1,052,944.22	ã
Account when and lose est	00.00	faich 61	21 943 (34)	San 222	C1 473 40M 73	540 142 17		Western Motor	cumc	100.00	20,1174	37.80%
							ł	Parenter of Smert		\$2,007,000.00	\$2.453.223 (55	5533,640%
								Westers Insualted for				
the said tribether	23 229 00	2017171700	2027-0-202	No. and and	31827/073		and the Chan			100,111,13	5741,823	564,639 10
								Separate Sep				
Gresseles Taurid'Lt	\$20 40	8793 96	-\$147,888.97	5357,339 32	-5284.194.29		described	Own below Plu		\$4,177,720,79		
							Albertal per Che.			4704,327.94	-5458,207.84	-\$130,90031
				Î						Tight.	Residencial	Service Less
THE REVENUE REQUIREDARY					St. HEATLE			\$5,360,675.84	94 694 NEL 159	\$653,894,63		
				ľ	automer chmes			SOCIAL SOCIAL	MADO	16.50%	-	
	Rese	pune Generated	Resenve Generated from Smart Meter Funding Adder	r Funding Adder	\$7,197,636.84							
					9	Alf & Roseman de	MASS & Reservoire, do not the attribute able to class	derd	ant ca			
						Unbuted exemis			4830			
					3"	Total			MITT6	B.22%		
	Recenter Generated from \$465A. Including comy charges	nd from SAR'A IS	nchelling terry cha	1400	Statebase .	11, 181, and and SAFA Actual upto April 30, 12	to April 30, 12		\$ 4,579,121.05	5427336.11		
		¥	Het Deferred Revenue Requirement	ue Requirement	-\$1,488,962.22							
				4	Allocated par thes			-\$1,008,982,22	-\$2,005,339.07	5266,957.48		
	Accommodate with	hin SADN applic	able revenue requ	drement emounts	Accommodate within \$5400 applicable revenue nequirement emounts to be received Uvough the \$4400 related to the	ugh the SARIA to	Letted to the			O DESC		
	Period from May 1, 2013 to August 10, 2017	, 2013 to August	1 10, 2017	-	Consection of tyted Sastern	9	STATE	Secretary Secretary	51.254.928.70	8		
					Total for Application by Class	Class		The state of the state of	\$940,411.17	\$500,331.87		
				*	Hember of Meterod Contemers	П	(102012)		115,101	11,768		
				Security Distant Steel	million Rate Maler				100	THE COLUMN		

| 1,175,072 | Account. | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177,0,0 | 1,177

Per lakenth Sept.
Mana (250 W) (

		Residential	GS < 50 kW		Total	
Allocation Factors			(4)			
Average Smart Meter Unit Cost	\$	100,84	\$	250.86		
Smart Meter Cost	\$	13,584,560	\$	3,000,787	\$	16,585,347
Allocation by Meters Costs		81.91%		18.09%		100.00%
Meters Installed	_	134,714		11,962		146,676
Allocation by Meters Installed		91.84%		8.16%		100.00%
Total Before PILS	\$	3,624,596	\$	710,151	\$	4,334,747
Allocation by Total Before PILS		83.62%		16.38%		100.00%
Revenue Requirement (2012) Allocated:	Like Source		6"	Company of		- Wel
Return (Deemed Interest and Return on Equity)	\$	1,125,087	\$	248,528	\$	1,373,615
Amortization	\$	1,814,348	\$	400,784	\$	2,215,132
OM&A	\$	685,161	\$	60,839	\$	746,000
Total Before PILS	\$	3,624,596	\$	710,151	\$	4,334,747
PILS	\$	80,191	\$	15,711	\$	95,902
otal Revenue Requirement Allocated	\$	3,704,786	\$	725,863	\$	4,430,649

Smart Meter Incremental Rate Rider (SMIRR) I	recovery		Marie		-		
Meters Installed (Average)		134,764	PROM	11,880		146,644	
Recovery	\$	2.30	\$	5.10	\$	2.52	
Ionthly Recovery	\$	308,732	\$	60,489	\$	369,221	
ecovery May 1 to August 31, 12	\$	1,234,929	\$	241,954	\$	1,476,883	Transfer to SMDR per Board Decision
ecovery September 1, 2012 to April 30, 2013	\$	2,469,857	\$	483,908	\$	2,953,766	
	\$	3,704,786	\$	725,863	\$	4,430,649	

 Smart Meter Incremental Rate Rider (SMIRR) Recovery

 Meters Installed (Average)
 134,764
 11,880
 146,644

 Recovery
 \$ 2.30
 \$ 5.10
 \$ 2.52