Ontario Energy Board P.O. Box 2319 27th. Floor 2300 Yonge Street Toronto ON M4P 1E4 Telephone: 416-481-1967 Facsimile: 416-440-7656 Toll free: 1-888-632-6273 Commission de l'énergie de l'Ontario C.P. 2319 27e étage 2300, rue Yonge Toronto ON M4P 1E4 Téléphone; 416-481-1967 Télécopieur: 416-440-7656 Numéro sans frais: 1-888-632-6273



April 11, 2013

BY EMAIL

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

Attention: Ms. Kirsten Walli, Board Secretary

Dear Ms. Walli:

Re: Algoma Power Inc. ("API") 2013 IRM Distribution Rate Application Board File No. EB-2012-0104 Board Staff Comments

In accordance with the Board's Decision and Order in the above noted proceeding, please find attached Board staff comments on API's Draft Rate Order filed April 4, 2013.

Please forward the following to API and to all other registered parties to this proceeding.

Yours truly,

Original Signed By

Martha McOuat Project Advisor Electricity Rates Applications

Board Staff Submission Algoma Power Inc. 2013 Rates Application Draft Rate Order EB-2012-0104 March 28, 2013

Algoma Power Inc. ("API") 2013 IRM (EB-2012-0104)

Board Staff Comments on Draft Rate Order

On March 28, 2013, the Board issued its Decision and Order on Algoma's rate application. The Decision required API to file a Draft Rate Order ("DRO") and supporting calculations within 7 days of the Decision. API filed its DRO on April 4, 2013. The following are Board staff's comments on the material filed.

Disposition of Group 1 Deferral and Variance Account Balances

In the Decision, the Board approved a total debit balance of \$228,285 for API's Group 1 Deferral and Variance Account balances, including interest to April 30, 2013. Board staff notes that the approved amount of \$228,285 contains interest to December 31, 2012. In the DRO, API has calculated interest to April 30, 2013, for a total balance for disposition of \$228,986, as shown below.

Account Description	Acco Num	ount a:	losing Principal Amounts s of Dec 31, 2011 Adj for Vispositions During 2012		rest to Dec 31, 2011		Jan 1, 2012		rest Jan 1, to Apr 30, 2013	Tota	I Claim
RSVA - Wholesale Market Service Charge	158	80 \$	(210,874)	\$	(1,497)	\$	(3,100)	\$	(1,033) \$; (216,504)
RSVA - Retail Transmission Network Charge	158	84 \$	89,427	\$	452	\$	1,315	\$	438 \$;	91,633
RSVA - Retail Transmission Connection Charge	158	86 \$	1,753	\$	(182)	\$	26	\$	9\$;	1,606
RSVA - Power excluding Global Adjustment	158	88 \$	(245,642)	\$	29,249	\$	(3,611)	\$	(1,204) \$; (221,207)
Recovery of Regulatory Asset Balances	159	90 \$	(322,541)	\$	122,448	\$	(4,741)	\$	(1,580) \$; (206,415)
Sul	b-Totals	\$	(687,876)	\$	150,472	\$	(10,112)	\$	(3,371) \$; (550,887)
Tot	als per column	\$	(687,876)	\$	150,472	\$	(10,112)	\$	(3,371) \$; (550,887)
Account Description		ccount umber	Closing Principal Amount as of Dec 31, 2011 Adj fo Dispositions During 2012	r "	nterest to De 31, 2011		est Jan 1, 20 [.] Dec 31, 2012	12 ₂	nterest Jan 1, 013 to Apr 30 2013	,	otal Claim
RSVA - Power - Sub-account - Global Adjustment	t	1588	\$ 830,89	8 \$	\$ (67,31	1) \$	12,21	4 \$	4,071	\$	779,873
5	Sub-Totals	-	\$ 830,89	8 \$	\$ (67,31	1) \$	12,21	4 \$	4,071	\$	779,873
r	Fotals per column	-	\$ 830,89	8 \$	\$ (67,31	1) \$	12,21	4 \$	4,071	\$	779,873

Board staff submits that API has appropriately calculated the interest to April 30, 2013, and that the balances proposed for disposition are consistent with the intent of the

Board's Decision. Board staff also submits that the rate riders proposed to recover these balances have been appropriately calculated.

Smart Meter Cost Recovery

The Board approved a Smart Meter Incremental Revenue Requirement ("SMIRR") amount of \$635,123, as calculated in the final smart meter model provided in response to interrogatories. In its DRO, API noted that the model did not apply the PILs amount when calculating the incremental revenue requirement for 2013. API has included the 2013 PILs of \$73,291 in calculating the SMIRR amount of \$708,415. Board staff has adjusted the model to correct the SMIRR calculation, and has provided the corrected model with this submission. Board staff submits that it is appropriate for the Board to approve the proposed riders to recover a SMIRR of \$708,415 because this is the correct revenue requirement calculation resulting from the smart meter costs approved by the Board in its decision.

API has applied 50% of the SMIRR amount in the smart meter cost recovery model. The Board's Decision states that "the Board approves a two year recovery period for the SMDR and SMIRR amounts as applied to the R-1 rate class for the purposes of calculating the RRRP funding amount." Board staff notes that the SMIRR amount is the annual revenue requirement applicable to smart meters that should apply for each year until API rebases. In API's case, this is two years until the 2015 rate year. API should include 50% of the SMDR in each of the two years remaining until it rebases, and the full SMIRR amount of \$708,415 in each of 2013 and 2014.

At page 21 of the Decision, the Board directed API to accommodate the SMIRR amounts foregone from January 1, 2013 to April 30, 2013 for the Seasonal rate class within the SMDR. It does not appear to Board staff that this has been done.

Rate Rider for Smart Metering Entity Charge

On March 28, 2013, the Board issued a Decision and Order (EB-2012-0100/EB-2012-0211) establishing a Smart Metering Entity Charge ("SME charge") of \$0.79 per month for Residential and General Service < 50kW customers. The Board required API to include this SME charge in its draft Tariff of Rates and Charges. On April 4, 2013, the Board issued Decisions and Orders for 2013 IRM applications, including the rate rider for the SME charge in the Delivery component of the tariff sheets. Board staff notes that API has included this rate rider in the Regulatory component of its tariff sheets, although it has not provided a rationale for its inclusion in this section.

Board staff submits that the rate rider for the SME Charge is appropriately part of the Delivery component of the tariff. The purpose of the SME Charge is to allow recovery by the SME of Board-approved costs related to the smart metering initiative, including costs for the collection, management and storage of information and data related to the metering of consumers' consumption or use of electricity through the meter data management/repository ("MDM/R").

Regulatory charges are defined in section 4 of the Regulation as:

...the sum of the standard supply service administration charge, where applicable, the wholesale market service charges, including rural or remote rate protection compensation required under subsection 79(4) of the Act and the charges related to the assessment made under section 26.1.

Section 26.1 of the Ontario Energy Board Act, 1998, (the "Act") in turn says:

Subject to the regulations, the Board shall assess the following persons or classes of persons, as prescribed by regulation, with respect to the expenses incurred and expenditures made by the Ministry of Energy in respect of its energy conservation programs or renewable energy programs provided under this Act, the *Green Energy Act, 2009*, the *Ministry of Energy Act, 2011* or any other Act:

- 1. In respect of consumers in their service areas, gas distributors and licensed distributor.
- 2. The IESO.
- 3. Any other person prescribed by regulation.

The SME charge is not an expense incurred or an expenditure made by the Ministry of Energy. Also, the Board has not "assessed" the IESO (acting as the SME) with respect to the SME's costs associated with the establishment and operation of the MDM/R. The Board's authority in respect of approving the SME charge stems from section 78(3.0.3)

of the Act, not section 26.1. Further, the amounts assessed by the Board under section 26.1 are prescribed by regulation and the amounts assessed are to be paid directly to the Minister of Finance. In this case, the SME charge is to be recovered by the SME to offset its costs, not paid to the Minister of Finance.

It is clear then that the inclusion of section 26.1 under "regulatory charges" in the Regulation was not intended to capture the SME charge. Since the SME charge is also not part of the standard supply service administration charge, the wholesale market service charge or the RRRP compensation, it follows then, that the SME charge does not fit within the regulatory definition of "Regulatory charge".

The activities conducted by the SME relate to the management of consumption data for consumers within the distributor's service territory, from distributor-owned meters. This is directly related to distribution function and therefore appropriately part of the delivery component of the bill.

The Board issued its Decision for the SME charge (EB-2012-0100/EB-2012-0211) on March 28, 2013, subsequent to the release of its Decision and Order for API, which established the average increase applicable to the R-1 and R-2 rate classes. The average provincial increase of 3.75% as calculated does not reflect the additional \$0.79 SME charge. Board staff submits that the \$0.79 SME charge is applicable to, and effective May 1, 2013 for most provincial LDCs as well as API, and that the addition of this charge to the Delivery component of API's tariff is consistent with the requirements of Ontario Regulation 442/01.

Calculation of Rates, Rate Riders and RRRP Funding

Board staff submits that, subject to its comments above, API's models as submitted reflect the Board's previously-approved methodologies and result in appropriate calculations for its rates, rate riders and foregone revenue rate riders applicable to all rate classes, as well as the RRRP funding applicable to 2013.

- All of which is respectfully submitted -

Appendix A To Board Staff Comments Algoma Power Inc. Smart Meter Model EB-2012-0104

V 2.21API



Application Contact Information

Name:	Douglas R. Bradbury]
Title:	Director, Regulatory Affairs]
Phone Number:	905-994-3634	
Email Address:	doug.bradbury@fortisontario.com	1
We are applying for rates effective:	January 1, 2013	
Last COS Re-based Year	2010	

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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. the results.



Ontario Energy Board

Algoma Power Inc.

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

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

		2006	2007	2008	2009	2010	2011	2012	2013	Total
Smart Meter Capital Cost and Operational Expense Data		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
Smart Meter Installation Plan										
Actual/Planned number of Smart Meters installed during the Calendar Year										
Residential					363	9,978	247			10588
General Service < 50 kW					45	689	213			947
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	-	0	0	0	408	10667	460	0	0	11535
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed		0.00%	0.00%	0.00%	3.54%	96.01%	100.00%	0.00%	100.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed							34			34
Other (please identify)										0
Total Number of Smart Meters installed or planned to be installed	_	0	0	0	408	10667	494	0	0	11569
1 Capital Costs										
1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)	Asset Type Asset type must be selected to enable									
1.1.1 Smart Meters (may include new meters and modules, etc.)	calculations Smart Meter	Audited Actual	Audited Actual	Audited Actual	Audited Actual 99,526	Audited Actual 886,374	Audited Actual 63,315	Forecast	Forecast	\$ 1,049,215
1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)	Smart Meter				15,314	421,129	244,210			\$ 680,653
1.1.3a Workforce Automation Hardware (may include fieldwork handhelds, barcode hardware, etc.)	Computer Hardware									\$-
1.1.3b Workforce Automation Software (may include fieldwork handhelds, barcode hardware, etc.)	Computer Software									\$-
Total Advanced Metering Communications Devices (AMCD)	44	\$ -	\$-	\$-	\$ 114,840	\$ 1,307,503	\$ 307,525	\$-	\$-	\$ 1,729,868

	Asset Type										
1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast		
1.2.1 Collectors	Smart Meter				1,039,887					\$	1,039,887
1.2.2 Repeaters (may include radio licence, etc.)	Smart Meter				32,810	90,327			15,000	\$	138,137
1.2.3 Installation (may include meter seals and rings, collector computer hardware, etc.)	Smart Meter				187,613	140,096	164,997	52,085	22,000	\$	566,791
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)		\$-	\$-	\$-	\$ 1,260,310	\$ 230,423	\$ 164,997	\$ 52,085	\$ 37,000	\$	1,744,815
	Asset Type										
1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast		
1.3.1 Computer Hardware	Computer Hardware									\$	-
1.3.2 Computer Software	Computer Software				950					\$	950
1.3.3 Computer Software Licences & Installation (includes hardware and software) (may include AS/400 disk space, backup and recovery computer, UPS, etc.)	Computer Software									\$	-
Total Advanced Metering Control Computer (AMCC)		\$-	\$-	\$-	\$ 950	\$ -	\$-	\$ -	\$-	\$	950
	Asset Type										
1.4 WIDE AREA NETWORK (WAN)	Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast		
		Audited Actual	Addied Actual	Addited Actual	Addited Actual	Audited Actual	Addited Actual	Forecast	Folecasi	¢	
1.4.1 Activiation Fees	Tools & Equipment									\$	-
		-		-	-		-			-	
Total Wide Area Network (WAN)		\$-	\$ -	\$-	\$-	\$-	\$ -	\$-	\$-	\$	-
Total Wide Area Network (WAN)	Asset Type	\$	\$ -	\$-	\$	\$-	\$ -	\$ -	\$	\$	-
Total Wide Area Network (WAN) 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY	Asset Type	<u>\$</u> -	<u>\$</u> -	<u>\$</u> -	<u>\$</u> -	<u>\$</u>	<u>\$</u> -	<u>\$</u> -	<u>\$</u> -	\$	-
	Asset Type Other Equipment									\$	- 194,063
1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY					Audited Actual	Audited Actual	Audited Actual			<u> </u>	
1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment)	Other Equipment				Audited Actual 123,690	Audited Actual	Audited Actual			\$	194,063
1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS	Other Equipment Computer Software		Audited Actual	Audited Actual	Audited Actual 123,690 710	Audited Actual 47,681 8,805	Audited Actual 22,692 1,164	Forecast		\$	194,063 10,679
 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS 1.5.3 Professional Fees 	Other Equipment Computer Software Computer Software		Audited Actual	Audited Actual	Audited Actual 123,690 710	Audited Actual 47,681 8,805 34,739	Audited Actual 22,692 1,164	Forecast		\$ \$ \$	194,063 10,679 154,276
 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS 1.5.3 Professional Fees 1.5.4 Integration 	Other Equipment Computer Software Computer Software Computer Software		Audited Actual	Audited Actual	Audited Actual 123,690 710 48,351	Audited Actual 47,681 8,805 34,739 4,988	Audited Actual 22,692 1,164 14,709	Forecast		\$ \$ \$ \$	194,063 10,679 154,276 4,988
 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS 1.5.3 Professional Fees 1.5.4 Integration 1.5.5 Program Management 	Other Equipment Computer Software Computer Software Computer Software		Audited Actual	Audited Actual	Audited Actual 123,690 710 48,351	Audited Actual 47,681 8,805 34,739 4,988 117,015	Audited Actual 22,692 1,164 14,709 52,725	Forecast		\$ \$ \$ \$	194,063 10,679 154,276 4,988 469,117
 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS 1.5.3 Professional Fees 1.5.4 Integration 1.5.5 Program Management 1.5.6 Other AMI Capital 	Other Equipment Computer Software Computer Software Computer Software		Audited Actual	Audited Actual 33,572 45,348	Audited Actual 123,690 710 48,351 236,267	Audited Actual 47,681 8,805 34,739 4,988 117,015 16,795	Audited Actual 22,692 1,164 14,709 52,725 1,500	Forecast 2,991 6,248	Forecast	\$ \$ \$ \$ \$	194,063 10,679 154,276 4,988 469,117 18,295
 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS 1.5.3 Professional Fees 1.5.4 Integration 1.5.5 Program Management 1.5.6 Other AMI Capital Total Other AMI Capital Costs Related to Minimum Functionality 	Other Equipment Computer Software Computer Software Computer Software		Audited Actual	Audited Actual 33,572 45,348 \$ 78,920	Audited Actual 123,690 710 48,351 236,267 \$ 409,018	Audited Actual 47,681 8,805 34,739 4,988 117,015 16,795 \$ 230,023	Audited Actual 22,692 1,164 14,709 52,725 1,500 \$ 92,790	Forecast	Forecast	\$ \$ \$ \$ \$	194,063 10,679 154,276 4,988 469,117 18,295 851,418
 1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY 1.5.1 Customer Equipment (including repair of damaged equipment) 1.5.2 AMI Interface to CIS 1.5.3 Professional Fees 1.5.4 Integration 1.5.5 Program Management 1.5.6 Other AMI Capital Total Other AMI Capital Costs Related to Minimum Functionality 	Other Equipment Computer Software Computer Software Computer Software Computer Software		Audited Actual	Audited Actual 33,572 45,348 \$ 78,920	Audited Actual 123,690 710 48,351 236,267 \$ 409,018	Audited Actual 47,681 8,805 34,739 4,988 117,015 16,795 \$ 230,023	Audited Actual 22,692 1,164 14,709 52,725 1,500 \$ 92,790	Forecast	Forecast	\$ \$ \$ \$ \$	194,063 10,679 154,276 4,988 469,117 18,295 851,418

1.6.2 Costs for deployment of smart meters to customers other than residential and small general service										\$	-
1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.	Computer Software						43,369	88,022		\$	131,390
Total Capital Costs Beyond Minimum Functionality		\$-	\$-	\$ -	\$-	\$-	\$ 43,369	\$ 88,022	\$-	\$	131,390
Total Smart Meter Capital Costs		\$-	\$ 31,428	\$ 78,920	\$ 1,785,118	\$ 1,767,949	\$ 608,681	\$ 149,346	\$ 37,000	\$4	4,458,441
2 OM&A Expenses											
2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)		Audited Actual	Forecast	Forecast							
2.1.1 Maintenance (may include meter reverification costs, etc.)										\$	-
2.1.2 Other (please specifiy)]									\$	-
Total Incremental AMCD OM&A Costs		\$-	\$ -	\$ -	\$-	\$-	\$ -	\$-	\$-	\$	
2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)											
2.2.1 Maintenance						99,059	0	0		\$	99,059
2.2.2 Other (please specifiy)	1									\$	-
Total Incremental AMRC OM&A Costs		\$-	\$-	\$-	\$-	\$ 99,059	\$ -	\$-	\$-	\$	99,059
2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)											
2.3.1 Hardware Maintenance (may include server support, etc.)								0		\$	-
2.3.2 Software Maintenance (may include maintenance support, etc.)										\$	-
2.3.2 Other (please specifiy)	1									\$	-
Total Incremental AMCC OM&A Costs		\$-	\$ -	\$ -	\$-	\$-	\$ -	\$-	\$-	\$	
2.4 WIDE AREA NETWORK (WAN)											
2.4.1 WAN Maintenance						809	0	0		\$	809
2.4.2 Other (please specifiy)]									\$	-
Total Incremental AMRC OM&A Costs		\$-	\$-	\$-	\$-	\$ 809	\$ -	\$-	\$-	\$	809
2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY											
2.5.1 Business Process Redesign										\$	-
2.5.2 Customer Communication (may include project communication, etc.)										\$	-
2.5.3 Program Management								0		\$	-
2.5.4 Change Management (may include training, etc.)										\$	-
2.5.5 Administration Costs										\$	-
2.5.6 Other AMI Expenses (please specify)							0	0		\$	-

Total Other AMI OM&A Costs Related to Minimum Functionality

TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs) 2.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06

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

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

Total OM&A Costs Beyond Minimum Functionality

Total Smart Meter OM&A Costs

3 Aggregate Smart Meter Costs by Category

00 0											
3.1	Capital										
3.1.1	Smart Meter	\$ -	\$ -	\$ -	\$ 1,375,150	\$ 1,537,926	\$ 472,522	\$ 52,085	\$ 37,000	\$ 3,474,683	
3.1.2	Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.3	Computer Software	\$ -	\$ 31,428	\$ 78,920	\$ 286,278	\$ 182,342	\$ 113,467	\$ 97,260	\$ -	\$ 789,695	
3.1.4	Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.5	Other Equipment	\$ -	\$ -	\$ -	\$ 123,690	\$ 47,681	\$ 22,692	\$ -	\$ -	\$ 194,063	
3.1.6	Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.7	Total Capital Costs	\$ -	\$ 31,428	\$ 78,920	\$ 1,785,118	\$ 1,767,949	\$ 608,681	\$ 149,346	\$ 37,000	\$ 4,458,441	
3.2	OM&A Costs										
3.2.1	Total OM&A Costs	\$ -	\$ -	\$ -	\$ -	\$ 99,868	\$ -	\$ -	\$ -	\$ 99,868	

\$

\$

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Audited Actual

Audited Actual

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Algoma Power Inc.

	2006	2007	2008	2009	2010	2011	2012	2013
Cost of Capital								
Capital Structure ¹								
Deemed Short-term Debt Capitalization						4.0%	4.0%	4.0%
Deemed Long-term Debt Capitalization	50.0%	50.0%	50.0%	50.0%	50.0%	56.0%	56.0%	56.0%
Deemed Equity Capitalization	50.0%	50.0%	50.0%	50.0%	50.0%	40.0%	40.0%	40.0%
Preferred Shares								
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters								
Deemed Short-term Debt Rate						2.07%	2.07%	2.07%
Long-term Debt Rate (actual/embedded/deemed) ²	5.80%	6.10%	6.10%	6.10%	6.10%	5.87%	5.87%	5.87%
Target Return on Equity (ROE)	8.57%	8.57%	8.57%	8.57%	8.57%	9.85%	9.85%	9.85%
Return on Preferred Shares								
WACC	7.19%	7.34%	7.34%	7.34%	7.34%	7.31%	7.31%	7.31%
Working Capital Allowance								
Working Capital Allowance Rate	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	13.0%
(% of the sum of Cost of Power + controllable expenses)								
Taxes/PILs								
Aggregate Corporate Income Tax Rate	36.12%	36.12%	36.12%	36.12%	36.12%	28.25%	26.50%	26.50%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%	0.00%

Depreciation Rates

(expressed as expected useful life in years)								
Smart Meters - years	15	15	15	15	15	15	15	15
- rate (%)	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
Computer Hardware - years	5	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years	5	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Tools & Equipment - years	10	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Other Equipment - years	10	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
CCA Rates Smart Meters - CCA Class Smart Meters - CCA Rate Computer Equipment - CCA Class Computer Equipment - CCA Rate General Equipment - CCA Rate	47 8% 45 45% 8 20%	47 8% 50 55% 8 20%						
Applications Software - CCA Class Applications Software - CCA Rate								

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.



Algoma Power Inc.

	2006	2007	2008	2009	2010	2011	2012	2013
Net Fixed Assets - Smart Meters								
Gross Book Value								
Opening Balance		\$-	\$-	\$-	\$ 1,375,150	\$ 2,913,076	\$ 3,385,598	\$ 3,437,683
Capital Additions during year (from Smart Meter Costs)	\$-	\$-	\$-	\$ 1,375,150	\$ 1,537,926	\$ 472,522	\$ 52,085	\$ 37,000
Retirements/Removals (if applicable)	<u> </u>			4 075 450	A 0.010.070	A 0.005 500	A 0.407.000	<u> </u>
Closing Balance	<u>\$</u> -	\$-	\$ -	\$ 1,375,150	\$ 2,913,076	\$ 3,385,598	\$ 3,437,683	\$ 3,474,683
Accumulated Depreciation								
Opening Balance		\$ -	\$ -	\$ -	-\$ 45,838	-\$ 188,779	-\$ 398,735	-\$ 626,178
Amortization expense during year	\$ -	\$ -	\$-	-\$ 45,838	-\$ 142,941	-\$ 209,956	-\$ 227,443	-\$ 230,412
Retirements/Removals (if applicable)					A (00 310			
Closing Balance	\$-	\$ -	\$-	-\$ 45,838	-\$ 188,779	-\$ 398,735	-\$ 626,178	-\$ 856,590
Net Book Value								
Opening Balance	\$-	\$-	\$-	\$-	\$ 1,329,312	\$ 2,724,297	\$ 2,986,863	\$ 2,811,505
Closing Balance	\$-	\$-	\$-	\$ 1,329,312	\$ 2,724,297	\$ 2,986,863	\$ 2,811,505	\$ 2,618,093
Average Net Book Value	\$ -	\$ -	\$-	\$ 664,656	\$ 2,026,804	\$ 2,855,580	\$ 2,899,184	\$ 2,714,799
Net Fixed Assets - Computer Hardware								
Gross Book Value								
Opening Balance		\$-	\$-	\$-	\$-	\$-	\$-	\$-
Capital Additions during year (from Smart Meter Costs)	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Retirements/Removals (if applicable)								
Closing Balance	\$-	\$-	\$-	\$-	\$ -	\$-	\$-	\$-
Accumulated Depreciation								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$-	\$-	\$ -	\$-	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)								
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$-
Net Book Value								
Opening Balance	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Closing Balance	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Average Net Book Value	\$ -	\$-	\$ -	\$-	\$-	\$-	\$ -	\$-

Net Fixed Assets - Computer Software (including Applications Software)

Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$	-	\$ \$ \$	31,428	\$ \$ \$	31,428 78,920 110,348	\$ \$	110,348 286,278 396,626	\$ \$ \$	396,626 182,342 578,968	\$ \$ \$	578,968 113,467 692,435	\$ \$ \$	692,435 97,260 789,695	\$ \$ \$	789,695
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ \$ \$	• •	\$ -\$ -\$	3,143	-\$ -\$ -\$	3,143 14,178 17,320	-\$ -\$ -\$	17,320 50,697 68,018	-\$ -\$ -\$	68,018 97,559 165,577	-\$ -\$ -\$	165,577 127,140 292,717	-\$ -\$ -\$	292,717 148,213 440,930	-\$ -\$ -\$	440,930 157,939 598,870
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ \$ \$:	\$ \$	- 28,285 14,143	\$ \$ \$	28,285 93,028 60,656	\$ \$ \$	93,028 328,608 210,818	\$ \$ \$	328,608 413,391 371,000	\$ \$ \$	413,391 399,717 406,554	\$ \$ \$	399,717 348,765 374,241	\$ \$ \$	348,765 190,826 269,795
Net Fixed Assets - Tools and Equipment Gross Book Value																
Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$	•	\$ \$ \$	-	\$ \$ \$	-	\$ \$:	\$ \$:	\$ \$	-	\$ \$ \$	-	\$ \$ \$:
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ \$ \$	-	\$ \$ \$		\$ \$ \$		\$ \$	-	\$ \$	-	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	-
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ \$	-	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	-	\$ \$	-	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	-
Net Fixed Assets - Other Equipment																
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$ \$	-	\$ \$ \$		\$ \$ \$:	\$ \$	123,690	\$ \$	123,690 47,681 171,371	\$ \$	171,371 22,692 194,063	\$ \$ \$	194,063	\$ \$ \$	194,063 - 194,063
Accumulated Depreciation Opening Balance Amortization expense during year Retirerments/Removals (if applicable) Closing Balance	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	-	\$ -\$ -\$	6,185	-\$ -\$ -\$	6,185 14,753 20,938	-\$ -\$ -\$	20,938 18,272 39,209	-\$ -\$ -\$	39,209 19,406 58,616	-\$ -\$ -\$	58,616 19,406 78,022
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ \$ \$	-	\$ \$ \$:	\$ \$ \$	-	\$ \$	- 117,506 58,753	\$ \$	117,506 150,433 133,969	\$ \$ \$	150,433 154,854 152,644	\$ \$ \$	154,854 135,447 145,151	\$ \$ \$	135,447 116,041 125,744



Ontario Energy Board

Smart Meter Model

Algoma Power Inc.

		2006		2007		2008		2009		2010		2011		2012		2013
Average Net Fixed Asset Values (from Sheet 4)	•		•		•		•	004.050	<u>^</u>	0.000.004	•	0.055.500	•	0 000 404	•	0 744 700
Smart Meters	\$ \$	-	\$	-	\$	-	\$	664,656	\$	2,026,804	\$	2,855,580	\$	2,899,184	\$	2,714,799
Computer Hardware	-	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Computer Software	\$	-	\$	14,143	\$	60,656	\$	210,818	\$	371,000	\$	406,554	\$	374,241	\$	269,795
Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	\$	-	\$	-	\$	-	\$	58,753	\$	133,969	\$	152,644	\$	145,151	\$	125,744
Total Net Fixed Assets	\$	-	\$	14,143	\$	60,656	\$	934,226	\$	2,531,773	\$	3,414,778	\$	3,418,576	\$	3,110,339
Working Capital																
Operating Expenses (from Sheet 2)	\$	-	\$	-	\$	-	\$	-	\$	99,868	\$	-	\$	-	\$	-
Working Capital Factor (from Sheet 3)		15%		15%		15%		15%		15%		15%		15%		13%
Working Capital Allowance	\$	-	\$	-	\$	-	\$	-	\$	14,980	\$	-	\$	-	\$	-
Incremental Smart Meter Rate Base	\$	-	\$	14,143	\$	60,656	\$	934,226	\$	2,546,753	\$	3,414,778	\$	3,418,576	\$	3,110,339
Return on Rate Base																
Capital Structure																
Deemed Short Term Debt	\$	-	\$	-	\$	-	\$	-	\$	-	\$	136,591	\$	136,743	\$	124,414
Deemed Long Term Debt	\$	-	\$	7,071	\$	30,328	\$	467,113	\$	1,273,377	\$	1,912,275	\$	1,914,402	\$	1,741,790
Equity	\$	-	\$	7,071	\$	30,328	\$	467,113	\$	1,273,377	\$	1,365,911	\$	1,367,430	\$	1,244,136
Preferred Shares	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total Capitalization	\$	-	\$	14,143	\$	60,656	\$	934,226	\$	2,546,753	\$	3,414,778	\$	3,418,576	\$	3,110,339
Return on																
	\$		\$	-	\$	-	\$		¢		\$	2,827	\$	2,831	\$	2,575
Deemed Short Term Debt	э \$	-	-				•	-	\$	-		,		,		,
Deemed Long Term Debt		-	\$	431	\$	1,850	\$	28,494	\$	77,676	\$	112,251	\$	112,375	\$	102,243
Equity	\$	-	\$	606	\$	2,599	\$	40,032	\$	109,128	\$	134,542	\$	134,692	\$	122,547
Preferred Shares Total Return on Capital	\$	-	<u>\$</u> \$	- 1,037	\$	- 4,449	\$ \$	- 68,526	\$ \$	- 186,804	\$	- 249.620	\$ \$	- 249,898	\$ \$	- 227,366
Total Return on Capital	φ	-	φ	1,037	Φ	4,449	Φ	00,520	Φ	100,004	Φ	249,620	φ	249,090	Φ	227,300
Operating Expenses	\$	-	\$	-	\$	-	\$	-	\$	99,868	\$	-	\$	-	\$	-
Amortization Expenses (from Sheet 4)																
Smart Meters	\$	-	\$	-	\$	-	\$	45,838	\$	142,941	\$	209,956	\$	227,443	\$	230,412
Computer Hardware	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Computer Software	\$	-	\$	3,143	\$	14,178	\$	50,697	\$	97,559	\$	127,140	\$	148,213	\$	157,939
Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	\$	-	\$	-	\$	-	\$	6,185	\$	14,753	\$	18,272	\$	19,406	\$	19,406
Total Amortization Expense in Year	\$	-	\$	3,143	\$	14,178	\$	102,720	\$	255,253	\$	355,368	\$	395,062	\$	407,758
Incremental Revenue Requirement before Taxes/PILs	\$	-	\$	4,180	\$	18,627	\$	171,246	\$	541,925	\$	604,988	\$	644,960	\$	635,123
Calculation of Taxable Income																
Incremental Operating Expenses	\$	-	\$	-	\$	-	\$	-	\$	99,868	\$	-	\$	-	\$	-
Amortization Expense	\$	-	\$	3,143	\$	14,178	\$	102,720	\$	255,253	\$	355,368	\$	395,062	\$	407,758
Interest Expense	\$	-	\$	431	\$	1,850	\$	28,494	\$	77,676	\$	115,078	\$	115,206	\$	104,818
Net Income for Taxes/PILs	\$	-	\$	606	\$	2,599	\$	40,032	\$	109,128	\$	134,542	\$	134,692	\$	122,547
Grossed-up Taxes/PILs (from Sheet 7)	\$	-	-\$	2,703.54	-\$	9,662.16	-\$	18,881.85	-\$	3,626.75	\$	25,306.85	\$	49,365.61	\$	73,291.14
Revenue Requirement, including Grossed-up Taxes/PILs	\$	-	\$	1,477	\$	8,965	\$	152,364	\$	538,298	\$	630,295	\$	694,326	\$	708,414
	Ψ		Ψ	1,717	Ψ	0,000	Ψ	102,004	Ψ	000,200	Ψ	000,200	Ψ	007,020	Ψ	100,414



Algoma Power Inc.

For PILs Calculation

UCC - Smart Meters	2006 Audited Act	tual	2007 Audited Actual	Αι	2008 Idited Actual	А	2009 udited Actual	A	2010 udited Actual	A	2011 udited Actual		2012 Forecast		2013 Forecast
Opening UCC Capital Additions Retirements/Removals (if applicable)	\$ \$	- \$ - \$:	\$ \$:	\$ \$	- 1,375,150.00	\$ \$	1,320,144.00 1,537,926.00	\$ \$	2,690,941.44 472,522.00	\$ \$	2,929,287.24 52,085.13	\$ \$	2,744,945.99 37,000.00
UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals)	\$	- \$	-	\$ \$	-	\$ \$	1,375,150.00 687,575.00	\$	2,858,070.00 768,963.00	\$	3,163,463.44 236,261.00	\$ \$	2,981,372.37 26,042.57	\$ \$	2,781,945.99 18,500.00
Reduced UCC CCA Rate Class CCA Rate	\$ 47 8%	- \$	- 47 8%	\$	- 47 8%	\$	687,575.00 47 8%	\$	2,089,107.00 47 8%	\$	2,927,202.44 47 8%	\$	2,955,329.81 47 8%	\$	2,763,445.99 47 8%
CCA Closing UCC	\$ \$	- \$ - \$	-	\$ \$	-	\$ \$	55,006.00 1,320,144.00	\$ \$	167,128.56 2,690,941.44	\$ \$	234,176.20 2,929,287.24	\$ \$	236,426.38 2,744,945.99	\$ \$	221,075.68 2,560,870.31
UCC - Computer Equipment	2006		2007		2008		2009		2010		2011		2012		2013
UCC - Computer Equipment	2006 Audited Act	tual	2007 Audited Actual	Au	2008 udited Actual	А	2009 udited Actual	A	2010 udited Actual	A	2011 udited Actual		2012 Forecast		2013 Forecast
UCC - Computer Equipment		tual - \$ - \$		Aι \$ \$		A \$ \$		A) \$ \$		A \$ \$		\$		\$ \$	
Opening UCC Capital Additions Computer Hardware Capital Additions Computer Software Retirements/Removals (if applicable)		tual - \$ - \$	Audited Actual	Au \$ \$ \$	22,785.30 - 78,920.00	A \$ \$ \$	udited Actual 67,470.39 286,278.00	A \$ \$ \$	udited Actual 237,913.22 182,342.00	Ar \$ \$ \$	udited Actual 239,258.90 113,466.83	\$ \$ \$	Forecast 189,929.96 	\$ \$ \$	Forecast 155,982.26 -
Opening UCC Capital Additions Computer Hardware Capital Additions Computer Software Retirements/Removals (if applicable) UCC Before Half Year Rule		tual - \$ - \$ - \$	Audited Actual 31,428.00 31,428.00	Au \$ \$ \$	udited Actual 22,785.30 - 78,920.00 101,705.30	A \$ \$ \$	udited Actual 67,470.39 286,278.00 353,748.39	\$ \$ \$	udited Actual 237,913.22 182,342.00 420,255.22	A \$ \$ \$	udited Actual 239,258.90 113,466.83 352,725.73	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Forecast 189,929.96 97,260.38 287,190.34	\$ \$	Forecast
Opening UCC Capital Additions Computer Hardware Capital Additions Computer Software Retirements/Removals (if applicable)		- \$ - \$ - \$	Audited Actual	Au \$ \$ \$ \$ \$ \$ \$	22,785.30 - 78,920.00	A \$ \$ \$ \$ \$ \$	udited Actual 67,470.39 286,278.00	A \$ \$ \$ \$ \$ \$ \$	udited Actual 237,913.22 182,342.00	A \$ \$ \$ \$ \$ \$ \$	udited Actual 239,258.90 113,466.83	\$ \$ \$ \$ \$ \$ \$ \$ \$	Forecast 189,929.96 	\$ \$ \$ \$ \$	Forecast 155,982.26 -
Opening UCC Capital Additions Computer Hardware Capital Additions Computer Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class	Audited Act \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$	Audited Actual 31,428.00 31,428.00 15,714.00 15,714.00 50	Au \$ \$ \$ \$ \$	22,785.30 78,920.00 101,705.30 39,460.00 62,245.30 50	A \$ \$ \$ \$ \$	udited Actual 67,470.39 286,278.00 353,748.39 143,139.00 210,609.39 50	\$ \$ \$ \$	udited Actual 237,913.22 182,342.00 420,255.22 91,171.00 329,084.22 50	A \$ \$ \$ \$ \$ \$	udited Actual 239,258.90 113,466.83 352,725.73 56,733.42 295,992.32 50	\$ \$ \$ \$ \$ \$ \$ \$ \$	Forecast 189,929.96 97,260.38 287,190.34 48,630.19 238,560.15 50	\$ \$ \$ \$ \$	Forecast 155,982.26 155,982.26 155,982.26 50
Opening UCC Capital Additions Computer Hardware Capital Additions Computer Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC	Audited Act \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$	Audited Actual 31,428.00 31,428.00 15,714.00 15,714.00	Au \$ \$ \$ \$ \$	dited Actual 22,785.30 78,920.00 101,705.30 39,460.00 62,245.30	A \$ \$ \$ \$ \$	udited Actual 67,470.39 286,278.00 353,748.39 143,139.00 210,609.39	\$ \$ \$ \$	udited Actual 237,913.22 182,342.00 420,255.22 91,171.00 329,084.22	A \$ \$ \$ \$ \$	udited Actual 239,258.90 113,466.83 352,725.73 56,733.42 295,992.32	\$ \$ \$ \$ \$ \$ \$	Forecast 189,929.96 97,260.38 287,190.34 48,630.19 238,560.15	\$ \$ \$ \$ \$	Forecast 155,982.26 155,982.26 155,982.26

UCC - General Equipment		06 d Actual	200 Audited		Auc	2008 lited Actual	A	2009 udited Actual	A	2010 udited Actual	Au	2011 udited Actual		2012 Forecast		2013 Forecast
Opening UCC Capital Additions Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	111,321.00	\$	131,969.70	\$	125,998.56	\$	100,798.85
Capital Additions Other Equipment	¢ ¢	-	¢ ¢	-	¢ ¢	-	ф Э	- 123,690.00	¢ ¢	47,681.00	ф Ф	22,692.00	¢ ¢	-	ф Ф	-
Retirements/Removals (if applicable)	Ψ		Ψ		Ŷ		Ψ	120,000.00	Ŷ	47,001.00	Ψ	22,002.00	Ψ		Ŷ	
UCC Before Half Year Rule	\$	-	\$	-	\$	-	\$	123,690.00	\$	159,002.00	\$	154,661.70	\$	125,998.56	\$	100,798.85
Half Year Rule (1/2 Additions - Disposals)	\$	-	\$	-	\$	-	\$	61,845.00	\$	23,840.50	\$	11,346.00	\$	-	\$	-
Reduced UCC	\$	-	\$	-	\$	-	\$	61,845.00	\$	135,161.50	\$	143,315.70	\$	125,998.56	\$	100,798.85
CCA Rate Class		8	8			8		8		8		8		8		8
CCA Rate	20	0%	20'	%	•	20%	•	20%	•	20%	•	20%	•	20%	•	20%
CCA Classing LICC	\$	-	\$	-	\$	-	\$	12,369.00	\$	27,032.30	\$	28,663.14	\$	25,199.71	\$	20,159.77
Closing UCC	þ	-	ð		þ	-	Þ	111,321.00	\$	131,969.70	Ð	125,998.56	\$	100,798.85	¢	80,639.08
UCC - Applications Software	20	06	200	07		2008		2009		2010		2011		2012		2013
UCC - Applications Software		06 d Actual	200 Audited		Auc	2008 lited Actual	A	2009 udited Actual	A	2010 udited Actual	A	2011 udited Actual		2012 Forecast		2013 Forecast
UCC - Applications Software					Auc \$		A) \$		A) \$		Aı \$		\$		\$	
					Auc \$ \$		A \$ \$		A \$ \$		Au \$ \$		\$		\$ \$	
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable)					Auc \$ \$		A \$ \$		A) \$ \$		Au \$ \$		\$		\$ \$	
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable) UCC Before Half Year Rule					Auc \$ \$		A 1 \$ \$		A \$ \$ \$		Au \$ \$		\$ \$ \$		\$ \$	
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals)					Aud \$ \$ \$		A \$ \$ \$		A \$ \$ \$		Au \$ \$ \$		\$ \$ \$ \$ \$ \$ \$		\$ \$ \$	
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC					Aud \$ \$ \$ \$ \$		A \$ \$ \$ \$ \$		A \$ \$ \$ \$ \$		Au \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$	
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class	Audited \$ \$ \$ \$ \$	d Actual 0	Audited \$ \$ \$ \$ \$ 0	Actual - - - - - - - - -	Auc \$ \$ \$ \$ \$	lited Actual - - - - - 0	A \$ \$ \$ \$ \$	udited Actual	A \$ \$ \$ \$ \$ \$	udited Actual	Au \$ \$ \$ \$ \$	udited Actual	\$ \$ \$ \$ \$ \$ \$	Forecast - - - - 0	\$ \$ \$ \$	Forecast
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate	Audited \$ \$ \$ \$ \$			Actual - - - - - - - - -	Auc \$ \$ \$ \$		A \$ \$ \$ \$ \$ \$		A1 \$ \$ \$ \$ \$		At \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	
Opening UCC Capital Additions Applications Software Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class	Audited \$ \$ \$ \$ \$	d Actual 0	Audited \$ \$ \$ \$ \$ 0	Actual - - - - - - - - -	Auc \$ \$ \$ \$ \$ \$ \$	lited Actual - - - - - 0	A \$ \$ \$ \$ \$ \$	udited Actual	A1 \$ \$ \$ \$ \$	udited Actual	At \$ \$ \$ \$ \$ \$	udited Actual	\$\$ \$\$ \$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Forecast - - - - 0	\$ \$ \$ \$ \$ \$ \$	Forecast



Algoma Power Inc.

PILs Calculation

		2006 Audited Actual		2007 Audited Actual		2008 Audited Actual		2009 Audited Actual		2010 Audited Actual		2011 Audited Actual		2012 Forecast		2013 Forecast
INCOME TAX																
Net Income	\$	-	\$	606.01	\$	2,599.13	\$	40,031.60	\$	109,128.38	\$	134,542.24	\$	134,691.89	\$	122,547.35
Amortization	\$	-	\$	3,142.80	\$	14,177.60	\$	102,720.23	\$	255,253.32	\$	355,367.78	\$	395,062.01	\$	407,757.55
CCA - Smart Meters	\$	-	\$	-	\$	-	-\$	55,006.00	-\$	167,128.56	-\$	234,176.20	-\$	236,426.38	-\$	221,075.68
CCA - Computers	\$	-	-\$	8,642.70	-\$	34,234.92	-\$	115,835.16	-\$	180,996.32	-\$	162,795.77	-\$	131,208.08	-\$	85,790.24
CCA - Applications Software	\$	-	\$		\$	-	\$		\$	-	\$	-	\$		\$	-
CCA - Other Equipment	\$	-	\$		\$	-	-\$	12,369.00	-\$	27,032.30	-\$	28,663.14	-\$	25,199.71	-\$	20,159.77
Change in taxable income	\$	-	-\$	4,893.89	-\$	17,458.19	-\$	40,458.32	-\$	10,775.49	\$	64,274.91	\$	136,919.72	\$	203,279.21
Tax Rate (from Sheet 3)		36.12%		36.12%		36.12%		36.12%		36.12%		28.25%		26.50%		26.50%
Income Taxes Payable	\$	-	-\$	1,767.67	-\$	6,305.90	-\$	14,613.55	-\$	3,892.11	\$	18,157.66	\$	36,283.73	\$	53,868.99
ONTARIO CAPITAL TAX																
Smart Meters	\$	-	\$	-	\$	-	\$	1,329,311.67	\$	2,724,296.80	\$	2,986,863.00	\$	2,811,505.43	\$	2,618,093.22
Computer Hardware	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Computer Software	¢		\$	28.285.20	\$	93.027.60	s	328.608.20	\$	413,390.80	\$	399,717.35	\$	348.764.72	¢	190.825.68
(Including Application Software)	φ		- T	20,205.20	φ	93,027.00	- T	320,000.20	φ	413,390.00	φ	399,717.33	φ	340,704.72	φ	190,023.00
Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	\$	-	\$	-	\$	-	\$	117,505.50	\$	150,433.45	\$	154,853.75	\$	135,447.45	\$	116,041.15
Rate Base	\$	-	\$	28,285.20	\$	93,027.60	\$	1,775,425.37	\$	3,288,121.05	\$	3,541,434.10	\$	3,295,717.60	\$	2,924,960.05
Less: Exemption																
Deemed Taxable Capital	\$	-	\$	28,285.20	\$	93,027.60	\$	1,775,425.37	\$	3,288,121.05	\$	3,541,434.10	\$	3,295,717.60	\$	2,924,960.05
Ontario Capital Tax Rate (from Sheet 3)		0.300%		0.225%		0.225%		0.225%		0.075%		0.000%		0.000%		0.000%
Net Amount (Taxable Capital x Rate)	\$	-	\$	63.64	\$	209.31	\$	3,994.71	\$	2,466.09	\$	-	\$	-	\$	-
Change in Income Taxes Payable	\$	-	-\$	1,767.67	-\$	6,305.90	-\$	14,613.55	-\$	3,892.11	\$	18,157.66	\$	36,283.73	\$	53,868.99
Change in OCT	\$ \$	-	\$	63.64	\$	209.31	\$	3,994.71	\$	2,466.09	\$	-	\$	-	\$	-
PILs	\$	-	-\$	1,704.03	-\$	6,096.59	-\$	10,618.84	-\$	1,426.01	\$	18,157.66	\$	36,283.73	\$	53,868.99
Gross Up PILs																
Tax Rate		36.12%		36.12%		36.12%		36.12%		36.12%		28.25%		26.50%		26.50%
Change in Income Taxes Payable	\$	-	-\$	2,767.18	-\$	9,871.47	-\$	22,876.56	-\$	6,092.84	\$	25,306.85	\$	49,365.61	\$	73,291.14
Change in OCT	\$	-	\$	63.64	\$	209.31	\$	3,994.71	\$	2,466.09	\$	-	\$	-	\$	-
PILs	\$	-	-\$	2,703.54	-\$	9,662.16	-\$	18,881.85	-\$	3,626.75	\$	25,306.85	\$	49,365.61	\$	73,291.14



Algoma Power Inc.

This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

	Approved Deferral					-			• • •				Board Approved Smart
Interest Rates	and Variance Accounts	CWIP	Date	Year	Quarter		ing Balance rincipal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Meter Funding Adder (from Tariff)
	ricocumo			, ou.	4447107	(-					eleeling Lalanee	, unital anotano	(
2006 Q1			Jan-06	2006	Q1	\$	-		0.00%		\$-		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	\$	-		0.00%		\$-		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	\$	-		0.00%		\$-		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	\$	-		4.14%		\$-		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	\$	-		4.14%		\$-		
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$	-		4.14%	\$ -	\$-		
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$	-		4.59%	\$ -	\$-		
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$	-		4.59%		\$-		
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$	-		4.59%	\$-	\$-		
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$	-		4.59%	\$-	\$-		
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$	-		4.59%	\$-	\$-		
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$	-		4.59%	\$-	\$-	\$-	
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$	-		4.59%	\$-	\$-		
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$	-		4.59%	\$-	\$-		
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$	-		4.59%	\$-	\$-		
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$	-		4.59%	\$-	\$-		
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$	-		4.59%	\$-	\$-		
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$	-		4.59%	\$-	\$-		
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$	-		4.59%	\$-	\$-		
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$	-		4.59%	\$-	\$-		
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$	-		4.59%	\$-	\$-		
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$	-		5.14%	\$-	\$-		
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$	-		5.14%	\$-	\$-		
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	\$	-		5.14%	\$-	\$-	\$-	
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	\$	-		5.14%	\$-	\$-		
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	\$	-		5.14%	\$-	\$-		
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	\$	-		5.14%		\$-		
2012 Q4	1.47%	3.51%	Apr-08	2008	Q2	\$	-		4.08%		\$-		
2013 Q1			May-08	2008	Q2	\$	-		4.08%	\$-	\$-		
2013 Q2			Jun-08	2008	Q2	\$	-		4.08%		\$-		
2013 Q3			Jul-08	2008	Q3	\$	-		3.35%		\$ -		



Algoma Power Inc.

This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Ouerter	O	pening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Class	ing Palanaa	Annual amounts	Board Approved Smart Meter Funding Adder (from Tariff)
2013 Q4	ACCOUNTS		Aug-08	2008	Quarter Q3	\$	(Frincipal)	Revenues	3.35%		\$	ing balance	Annual announts	(Iroin raini)
2013 Q4			Sep-08	2008	Q3 Q3	φ \$	-		3.35%		φ \$			
			Oct-08	2008	Q4	\$	-		3.35%		\$	_		
			Nov-08	2008	Q4 Q4	\$	-		3.35%		\$	_		
			Dec-08	2008	Q4 Q4	\$	-		3.35%		\$	-	\$-	
			Jan-09	2009	Q1	\$	-		2.45%		\$	-	Ŷ	
			Feb-09	2009	Q1	\$	-		2.45%		\$	-		
			Mar-09	2009	Q1	\$	-		2.45%		\$	-		
			Apr-09	2009	Q2	\$	-		1.00%	\$-	\$	-		
			May-09	2009	Q2	\$	-		1.00%	\$-	\$	-		
			Jun-09	2009	Q2	\$	-		1.00%	\$-	\$	-		
			Jul-09	2009	Q3	\$	-		0.55%	\$-	\$	-		
			Aug-09	2009	Q3	\$	-		0.55%	\$-	\$	-		
			Sep-09	2009	Q3	\$	-		0.55%		\$	-		
			Oct-09	2009	Q4	\$	-		0.55%		\$	-		
			Nov-09	2009	Q4	\$	-		0.55%		\$	-		
			Dec-09	2009	Q4	\$	-		0.55%		\$	-	\$-	
			Jan-10	2010	Q1	\$	-		0.55%		\$	-		
			Feb-10	2010	Q1	\$	-		0.55%		\$	-		
			Mar-10	2010	Q1	\$	-		0.55%		\$	-		
			Apr-10		Q2	\$	-		0.55%		\$	-		
			May-10	2010	Q2	\$	-		0.55%		\$	-		
				2010	Q2	\$	-		0.55%		\$	-		
			Jul-10	2010	Q3	\$	-		0.89%		\$	-		
			Aug-10	2010	Q3	\$	-		0.89%		\$	-		
				2010	Q3	\$	-		0.89%		\$	-		
				2010	Q4	\$	-		1.20%		\$	-		
			Nov-10	2010	Q4	\$	-		1.20%		\$	-	•	
			Dec-10	2010	Q4	\$	-	¢ 4.047.00	1.20%		\$	-	\$ -	
			Jan-11	2011	Q1	\$	-	\$ 1,317.60 \$ 0.001.70	1.47%		\$	1,317.60		
			Feb-11	2011	Q1	\$	1,317.60		1.47%		\$	11,223.91		
			Mar-11	2011	Q1	\$	11,222.30	\$ 10,780.43	1.47%	\$ 13.75	\$	22,016.48		



Algoma Power Inc.

This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

	Approved Deferral												Board Approved Smart
	and Variance	CWIP				0	pening Balance	Funding Adder	Interest				Meter Funding Adder
Interest Rates	Accounts	••••	Date	Year	Quarter		(Principal)	Revenues	Rate	Interest		Annual amounts	(from Tariff)
			Apr-11	2011	Q2	\$	22,002.73		1.47%		. ,		
			May-11	2011	Q2	\$	27,781.37		1.47%		. ,		
			Jun-11	2011	Q2	\$	37,944.83		1.47%		. ,		
			Jul-11	2011	Q3	\$	47,746.86		1.47%	• • • •	•,		
			Aug-11	2011	Q3	\$	50,618.29		1.47%		. ,		
			Sep-11	2011	Q3	\$	63,406.44	\$ 10,508.50	1.47%	\$ 77.67	\$ 73,992.61		
			Oct-11	2011	Q4	\$	73,914.94		1.47%		. ,		
			Nov-11	2011	Q4	\$	114,608.82	\$ 7,938.41	1.47%	\$ 140.40	\$ 122,687.63		
			Dec-11	2011	Q4	\$	122,547.23	\$ 6,325.39	1.47%	\$ 150.12	\$ 129,022.74	\$ 129,574.68	
			Jan-12		Q1	\$	128,872.62	\$ 10,651.61	1.47%		\$ 139,682.10		
			Feb-12		Q1	\$	139,524.23	\$ 6,312.65	1.47%		\$ 146,007.80		
			Mar-12	2012	Q1	\$	145,836.88	\$ 10,424.03	1.47%		\$ 156,439.56		
			Apr-12	2012	Q2	\$	156,260.91	\$ 6,293.85	1.47%	\$ 191.42	\$ 162,746.18		
			May-12	2012	Q2	\$	162,554.76	\$ 10,718.85	1.47%	\$ 199.13	\$ 173,472.74		
			Jun-12	2012	Q2	\$	173,273.61	\$ 6,496.62	1.47%	\$ 212.26	\$ 179,982.49		
			Jul-12		Q3	\$	179,770.23	\$ 6,037.14	1.47%	\$ 220.22	\$ 186,027.59		
			Aug-12	2012	Q3	\$	185,807.37	\$ 9,659.10	1.47%	\$ 227.61	\$ 195,694.08		
			Sep-12	2012	Q3	\$	195,466.47	\$ 6,465.15	1.47%	\$ 239.45	\$ 202,171.07		
			Oct-12	2012	Q4	\$	201,931.62	\$ 56,165.60	1.47%	\$ 247.37	\$ 258,344.59		
			Nov-12	2012	Q4	\$	258,097.22	\$ 25,857.18	1.47%	\$ 316.17	\$ 284,270.57		
			Dec-12	2012	Q4	\$	283,954.40	\$ 13,861.00	1.47%	\$ 347.84	\$ 298,163.24	\$ 171,651.69	
			Jan-13	2013	Q1	\$	297,815.40			\$-	\$ 297,815.40		
			Feb-13	2013	Q1	\$	297,815.40			\$-	\$ 297,815.40		
			Mar-13	2013	Q1	\$	297,815.40			\$-	\$ 297,815.40		
			Apr-13	2013	Q2	\$	297,815.40			\$-	\$ 297,815.40		
			May-13	2013	Q2	\$	297,815.40			\$-	\$ 297,815.40		
			Jun-13	2013	Q2	\$	297,815.40			\$-	\$ 297,815.40		
			Jul-13	2013	Q3	\$	297,815.40			\$-	\$ 297,815.40		
			Aug-13		Q3	\$	297,815.40			\$-	\$ 297,815.40		
			Sep-13	2013	Q3	\$	297,815.40			\$-	\$ 297,815.40		
			Oct-13	2013	Q4	\$	297,815.40			\$-	\$ 297,815.40		
			Nov-13	2013	Q4	\$	297,815.40			\$-	\$ 297,815.40		



Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date Dec-13	Year 2013	Quarter Q4	0 \$	pening Balance (Principal) 297,815.40	F	unding Adder Revenues	Interest Rate	\$ Interest -	Clo: \$	sing Balance 297,815.40	nual amounts -	Board Approved Smart Meter Funding Adder (from Tariff)
			Total Fund	ing Ad	der Reve	enue	s Collected	\$	297,815.40	-	\$ 3,410.97	\$	301,226.37	\$ 301,226.37	•



Algoma Power Inc.

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

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

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
2006 Q1	0.00%	0.00%	Jan-06	2006	Q1	\$-			-	0.00%	-	-
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	-			-	0.00%	-	-
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	-			-	0.00%	-	-
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	-			-	4.14%	-	-
2007 Q1	4.59%	4.72%	May-06	2006	Q2	-			-	4.14%	-	-
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	-			-	4.14%	-	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-			-	4.59%	-	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-			-	4.59%	-	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-			-	4.59%	-	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-			-	4.59%	-	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-			-	4.59%	-	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-			-	4.59%	-	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-			-	4.59%	-	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-			-	4.59%	-	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-			-	4.59%	-	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-			-	4.59%	-	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-			-	4.59%	-	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-			-	4.59%	-	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-			-	4.59%	-	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-		\$ 628.56		4.59%	-	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	628.56		\$ 628.56		4.59%	2.40	2.40
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	1,257.12		\$ 628.56		5.14%	5.38	7.79
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	1,885.68		\$ 628.56		5.14%	8.08	15.87
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	2,514.24		\$ 628.56		5.14%	10.77	26.64
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	3,142.80		\$ 1,181.47		5.14%	13.46	40.10
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	4,324.27		\$ 1,181.47		5.14%	18.52	58.62
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	5,505.74		\$ 1,181.47		5.14%	23.58	82.20
2012 Q4	1.47%	3.51%	Apr-08	2008	Q2	6,687.21		\$ 1,181.47		4.08%	22.74	104.94
2013 Q1	0.00%	0.00%	May-08	2008	Q2	7,868.68		\$ 1,181.47		4.08%	26.75	131.69
2013 Q2	0.00%	0.00%	Jun-08	2008	Q2	9,050.15		\$ 1,181.47		4.08%	30.77	162.46
2013 Q3	0.00%	0.00%	Jul-08	2008	Q3	10,231.62		\$ 1,181.47		3.35%	28.56	191.03
2013 Q4	0.00%	0.00%	Aug-08	2008	Q3	11,413.09		\$ 1,181.47		3.35%	31.86	222.89
			Sep-08	2008	Q3	12,594.56		\$ 1,181.47		3.35%	35.16	258.05
			Oct-08	2008	Q4	13,776.03		\$ 1,181.47	14,957.50	3.35%	38.46	296.51

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Jan-09 2000 01 77.30.40 \$ 8.560.02 25.880.42 2.467.45 52.38 416.86 Feb-09 200 01 33.440.44 \$ 8.560.02 43.400.46 \$ 4.565.002 43.400.44 \$ 8.560.02 43.400.46 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.046 \$ 4.50.02 \$ 4.50.046 \$ 4.50.046 \$ 4.50.060.02 77.40.54 0.55%.50.56 \$ 4.50.07 \$ 4.50.02	Nov-08			14,957.50		\$	1,181.47	16,138.97	3.35%	41.76	338.26
Feb-00 2000 01 25.80.42 \$ 8.80.02 34.40.44 2.44% 52.44 471.52 Mar-09 200 02 43.00.46 \$ 8.860.02 51.60.48 1.00% 32.32 541.83 Mar-09 200 02 651.50.48 \$ 8.860.02 61.20.50 50.12 50.10 50.55% 37.44 70.22.1 30.00 50.55% 37.17 867.33 77.69.4 50.55% 47.17 867.33 76.94 50.55% 47.17 867.33 76.94 10.20.00 55.5% 47.17 867.34 52.12.71 11.41.40.12 21.27.11 11.41.40.12 21.27.11 11.41.40.12 21.27.11 11.41.40.12 21.27.11 12.11.21.41.41.41 21.27.11 12.11.21.41.41.41.41 21.27.11 12.11.21.41.41.41.41											
Marce@ 2000 01 34,40.44 S 8,86.002 43,000.46 2,457.67 May-08 200 02 61,50.048 S 8,86.002 60,120.50 1,00% 53.35 577.67 Jul-09 200 02 61,50.05 S 8,86.02 77,40.54 0,55% 33.44 773.62 Aug-09 200 03 76,80.05 S 8,86.02 77,40.54 0,55% 33.33 776.45 Ch-09 200 04 94,260.85 S 6,860.02 11,40.02 0,55% 43.25 82.0118 Nov-09 202 04 11,40.62 5 6,860.02 11,40.62 0,55% 41.11.0 814.44 Jan-10 201 04 11,40.62 0,55% 41.11.14 81.44 10.11.14 10,204.65 11,41.40.62 0,55% 97.64 1,11.14 11.20.44.65 11.20.44.65 11.20.44.65 11.20.44.65 1,21.74.14 19.277.11 19.277.11 19.277.11 19.277.11											
Apr-08 2009 62 43,000.46 \$ 8,860.02 61,560.48 1.00% 32,37 577.67 May-09 2009 60 61,20.50 \$ 8,860.02 60,860.52 1.00% 50.10 670.74 Jul-09 2009 63 67,20.44 \$ 8,860.02 68,860.52 1.00% 50.14 670.74 Aug-09 209 63 67,20.44 \$ 8,860.02 94,380.58 0.55% 33.40 773.76.94 Ox+09 209 64 94,380.68 \$ 8,860.02 111.480.83 0.55% 33.33 77.67.94 Ox+09 209 64 111.480.62 \$ 8,860.02 111.440.63 0.55% 51.10 98.84 Bar-10 200 0 113.040.63 0.55% 51.10 98.84 1.13.89 Apr-10 200 0 113.040.63 0.55% 56.11 93.33 1.13.89 Apr-10 200 0 113.040.63 0.55% 51.10 98.33 1.20.146 <tr< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr<>											
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Jul-13 2013 Q3 1,227,299.10 0.00% - 27,535.78 Aug-13 2013 Q3 1,227,299.10 0.00% - 27,535.78 Sep-13 2013 Q3 1,227,299.10 0.00% - 27,535.78										-	
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Sep-13 2013 Q3 1,227,299.10 1,227,299.10 0.00% - 27,535.78										-	
										-	
										-	
	000-13	2013	64	1,221,299.10				1,221,233.10	0.00%	-	21,333.10

Nov-13	2013	Q4	1,227,299.10		1,227,299.10	0.00%	-	27,535.78
Dec-13	2013	Q4	1,227,299.10		1,227,299.10	0.00%	-	27,535.78

\$ 99,867.57 \$ 1,127,431.53 \$ 1,227,299.10



Algoma Power Inc.

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

Year	OM&A (from	A Sheet 5)	Expe	rtization nse I Sheet 5)	and	ulative OM&A Amortization ense	and	rage nulative OM&A Amortization ense	Average Annual Prescribed Interest Rate for Deferral and Variance Accounts (from Sheets 8A and 8B)	OM&A	tization
2006	\$	-	\$	-	\$	-	\$	-	4.37%	\$	-
2007	\$	-	\$	3,142.80	\$	3,142.80	\$	1,571.40	4.73%	\$	74.29
2008	\$	-	\$	14,177.60	\$	17,320.40	\$	10,231.60	3.98%	\$	407.22
2009	\$	-	\$	102,720.23	\$	120,040.63	\$	68,680.52	1.14%	\$	781.24
2010	\$	99,867.57	\$	255,253.32	\$	475,161.52	\$	297,601.08	0.80%	\$	2,373.37
2011	\$	-	\$	355,367.78	\$	830,529.30	\$	652,845.41	1.47%	\$	9,596.83
2012	\$	-	\$	395,062.01	\$	1,225,591.31	\$	1,028,060.31	1.47%	\$	15,112.49
2013	\$	-	\$	407,757.55	\$	1,633,348.86	\$	1,429,470.09	0.00%	\$	-
Cumulativ	/e Interest	to 2011								\$	13,232.94
Cumulativ	/e Interest	to 2012								\$	28,345.43
Cumulativ	/e Interest	to 2013								\$	28,345.43



Algoma Power Inc.

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

Check if applicable

	Smart Meter Funding Adder (SMFA)
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X Smart Meter Disposition Rider (SMDR)

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

X Smart Meter Incremental Revenue Requirement Rate Rider (SMIRR)

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.

	2	2006	2007	2008	2009	2010	2011	2012	2013	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$	-	\$ 1,476.62	\$ 8,964.59	\$ 152,363.89	\$ 538,298.50	\$ 630,294.87	\$ 694,325.52	\$ 708,414.46	\$ 2,025,723.98
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	\$	-	\$ 26.64	\$ 356.68	\$ 535.14	\$ 2,356.14	\$ 9,379.16	\$ 14,882.02	 	\$ 27,535.78
X Sheet 8A (Interest calculated on monthly balances)	\$	-	\$ 26.64	\$ 356.68	\$ 535.14	\$ 2,356.14	\$ 9,379.16	\$ 14,882.02	\$ -	\$ 27,535.78
Sheet 8B (Interest calculated on average annual balances)									 	
SMFA Revenues (from Sheet 8)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ 128,872.62	\$ 168,942.78	\$ -	\$ 297,815.40
SMFA Interest (from Sheet 8)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ 702.06	\$ 2,708.91	\$ -	\$ 3,410.97
Net Deferred Revenue Requirement	\$	-	\$ 1,503.26	\$ 9,321.27	\$ 152,899.03	\$ 540,654.64	\$ 510,099.35	\$ 537,555.84	\$ 708,414.46	\$ 1,752,033.40
Number of Metered Customers (average for 2013 test year)									11749	

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

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

Years for collect	Years for collection or refunding		4	
Deferred Incremental Revenue Requirement from 2006 to December 31, 2012 plus Interest on OM&A and Amortization		\$	2,053,259.77	
SMFA Revenues collected from 2006 to 2013 test year (inclusive) Plus Simple Interest on SMFA Revenues		\$	301,226.37	
	Net Deferred Revenue Requirement		1,752,033.40	
SMDR	January 1, 2013 to December 31, 2016	\$	3.11	-Match
Check: Forecasted SMDR Revenues		\$	1,753,890.72 -	
Calculation of Sm	art Meter Incremental Revenue Requirement Rate Rider (per me	tered cus	tomer per month)
Incremental Revenue Requirement for 2013		\$	708,414.46	

Incremental Revenue Requirement for 2013	\$ 708,414.46	
SMIRR	\$ 5.02 Mat	ch
Check: Forecasted SMIRR Revenues	\$ 707,759.76	