

Hydro 2000 Power Distribution Company Limited

Draft Rate Order

EB-2011-0326

July 20, 2012

Ms. Kirstin Walli

Board Secretary

Ontario Energy Board

P.O. Box 2319

2300 Yonge Street, 27th Floor

Toronto, ON M4P 1E4

Re: Draft Rate Order

Dear Ms. Walli:

Hydro 2000 acknowledges receipt of the Ontario Energy Board's Decision and Order dated July 5, 2012 and thus submits its Draft Rate Order for 2012 Distribution Rates effective July 1, 2012. This Draft Rate Order contains the following components.

- Manager Summary
- Appendices A through K
 - Appendix A - Tariff of Rates and Charges
 - Appendix B - Customer Rate Impact Schedule (Summary and Detail)
 - Appendix C - Net Capital
 - Appendix D – Summary of OM&A
 - Appendix E – Pass-Through Charges
 - Appendix F - Calculation of Deferral and Variance Rate Rider
 - Appendix G - LRAM calculations
 - Appendix H – SMRR calculations

Appendix I – SMDR calculations

Appendix J – CDM adjusted Load Forecast

Excel versions of;

- Rate Maker [Hydro 2000.RateMaker.DraftRateOrder_20072012]
- Rate Maker PILs Model [Hydro 2000.RMpils.DraftRateOrder_20072012.]
- Revenue Requirement Work Form [Hydro 2000-2010
RRWF.DraftRateOrder_20072012.]
- Cost Allocation Model [Hydro 2000-2010 CA DraftRateOrder_20072012]

This document is being filed pursuant to the Board's e-Filing Services. In order to reduce the carbon footprint, hard copies of these documents will be provided upon request.

Should there be any questions, please do not hesitate to contact me at.

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Hydro 2000 Power Distribution Company Limited

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Manager's Summary

Hydro 2000 submits this Manager Summary accompanied by a Tariff of Rates and Charges for 2012, customer bill impacts, and a completed Revenue Requirement Work Form in both PDF and excel format. Hydro 2000 is also filing its final Rate Maker Model and PILs model revised to reflect the Board Decision and Order issued July 5, 2012.

In the following Manager Summary, Hydro 2000 presents a brief review of Board's decision and how Hydro 2000 has complied and implemented the Board's rulings. The summary follows the same format as the decision and is presented as follows;

The Issues;

- 1) Operating Revenue;
 - a) Load Forecast
 - b) Customer Forecast
 - c) Other Distribution Revenue

- 2) Operating, Maintenance & Administration Expenses ("OM&A");
 - a) Regulatory Cost
 - b) One-time Costs
 - c) Overall Increase in OM&A

- 3) Rate Base and Capital Expenditures;
 - a) Rate Base / Capital Expenditure
 - b) Working Capital Allowance; and

- c) Green Energy Act Plan
- 4) Cost of Capital;
- 5) Cost Allocation and Rate Design;
- a) Cost Allocation;
 - b) Monthly Service Charges (“MSC”);
 - c) Retail Transmission Service Rates (“RTSR”);
 - d) Low Voltage Charges; and
 - e) Loss Factors.
- 6) Deferral and Variance Accounts;
- a) Balances Proposed for Disposition; and
 - b) Review and Disposition of Account 1562: Deferred Payments in Lieu of Taxes.
- 7) Smart Meters;
- a) Prudence of Smart Meter Costs
 - b) Smart Meter Disposition Rider
 - c) Stranded Meters
- 8) Lost Revenue Adjustment Mechanism (“LRAM”); and
- 9) Implementation.
- a) Effective Date

1) OPERATING REVENUE:

a) Load Forecast

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed load forecast, with an adjustment for 20% of its CDM target, or 0.208 GWh, for the purpose of setting 2012 rates. The table below show the details of the cdm adjustments. The table show the final CDM adjusted load forecast.

Table 1. CDM Adjustment

METERED KILOWATT-HOURS (kWh)							
Customer Class Name	2008 EDR Approved	2010 Normalized	2011 Normalized	2012 Normalized	%	CDM target	CDM adjusted
Residential	14,810,998.00	14,658,875.00	14,732,944.00	14,703,667.00	0.60	125,070.07	14,578,596.93
General Service < 50 kW	4,755,195.00	4,697,778.00	4,721,515.00	4,712,132.00	0.19	40,081.61	4,672,050.39
General Service > 50 to 4999 kW	4,779,975.00	4,657,970.00	4,681,506.00	4,672,203.00	0.19	39,741.97	4,632,461.03
Unmetered Scattered Load	18,486.00	18,486.00	18,486.00	18,486.00	0.00	157.24	18,328.76
Street Lighting	338,189.00	346,706.00	346,706.00	346,706.00	0.01	2,949.10	343,756.90
TOTAL	24,702,843.00	24,379,815.00	24,501,157.00	24,453,194.00	1.00	208,000.00	24,245,194.00
KILOWATTS (kW)							
Customer Class Name	2008 EDR Approved	2010 Normalized	2011 Normalized	2012 Normalized		CDM adj.	CDM adjusted
General Service < 50 kW							
General Service > 50 to 4999 kW	12030	11913	11973	11949		101.64	11847.36
Unmetered Scattered Load							
Street Lighting	940	967	967	967		8.23	958.77
TOTAL	12970	12880	12940	12916		109.86	12806.14

b) Customer Forecast

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed customer load forecast.

c) Other Distribution Revenue

Hydro 2000 acknowledges the Board acceptance of a revenue offset of \$23,303 for the purpose of setting 2012 rates. The RateMaker filed in conjunction with this DRO reflects the approved revenue offset.

2) OPERATING, MAINTENANCE & ADMINISTRATION EXPENSES

("OM&A"):

a) Regulatory Cost

Hydro 2000 acknowledges the Board ruling on the utility's regulatory costs. Hydro 2000 suggests that the Board include clarification in the Minimum Filing Requirements to reflect its position, namely that the Board will allow utilities to adjust their pre-filed evidence downward to reflect actual costs but will not allow the utilities to adjust them upwards. Utilities should be instructed to include costs for all post-filing eventualities (two rounds of IRs, settlement hearing and/or oral hearing) in their pre-filled evidence.

The RateMaker model filed in conjunction with this DRO reflects and reduction of \$10,000 to the test year regulatory costs.

b) One-time Costs

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's one-time costs adjusted to reflect the reduction of \$6,500 in travel costs.

The RateMaker model filed in conjunction with this DRO reflects and reduction of \$6,500 in travel costs.

c) Overall Increase in OM&A

Hydro 2000 acknowledges the Board ruling on the utility's overall increase in OM&A and has reduced its overall OM&A by another \$10,000. The resulting OM&A for the 2012 test year is \$401,566.

The PILs were also adjusted to reflect the Board's findings. The revised PILs are in the amount of \$165.

Hydro 2000 acknowledges the Board acceptance of its proposed depreciation expense. The model reflects a total depreciation for 2012 of \$76,703.

3) RATE BASE AND CAPITAL EXPENDITURES:

a) Rate Base / Capital Expenditure

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed Rate Base with adjustments to reflect the Board's findings. The revised RateBase is in the amount of \$970,161.

b) Working Capital Allowance; and

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's use of the 15% allowance approach. The WCA was adjusted to reflect the Board's findings related to OM&A. The proposed Working Capital Allowance for 2012 of \$420,624.

c) Green Energy Act Plan

In accordance with the Decision, Hydro 2000 commits to filing a GEA plan no later than the next cost of service application.

4) COST OF CAPITAL:

The information and model filed during the interrogatory process reflected the Cost of Capital parameters effective May 1 2012.

Hydro 2000 confirms that the model filed in conjunction with this DRO reflects the most recent parameters.

5) COST ALLOCATION AND RATE DESIGN:

a) Cost Allocation:

Hydro 2000 acknowledges the Board statement that it will not require Hydro 2000 to change its cost allocation to reflect weighting factors different than what was applied for in its pre-filed evidence.

Hydro 2000 also acknowledges the Board's approval of its proposal to move the ratios during IRM years so as to achieve the target ranges for each class.

Hydro 2000 is filing its revised Cost Allocation model in conjunction with this DRO.

b) Monthly Service Charges ("MSC"):

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed fixed to variable split.

c) Retail Transmission Service Rates ("RTSR"):

Hydro 2000 acknowledges the Board acceptance of revised RTSR's proposed by board staff in the submission phase.

d) Low Voltage Charges; and

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed low voltage in the amount of 128,226. Hydro 2000 will continue to address the issue with Hydro One and explore alternatives to reduce LV costs. Hydro 2000 does however want to reiterate that issues related to low voltage tend to be, beyond the utility's control. The best it can do at this time, is to keep raising the issue with Hydro One.

e) Loss Factors.

Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed loss factor and commits to investigating further the reasons behind the increases in losses.

6) DEFERRAL AND VARIANCE ACCOUNTS:

a) Balances Proposed for Disposition; and

In Hydro 2000's decision, The Board approved the disposition of the Group 1 and Group 2 deferral and variance account principal amounts as at December 31, 2010 and the forecasted interest through April 30, 2012 over a two year period.

However, the table compiled by Board Staff in its submission showed, for certain accounts, namely 1580,1584,1586,1588, principal amounts as at December 31, 2010 excluding interest up to April 2012.

The table below shows correct amounts including all relevant carrying charges, for all accounts, through April 2012. In compliance with the decision which states that interest charges are forecasted to April 30, 2012, Hydro 2000's has calculated its disposition riders based on the corrected balances.

	Dec 31, 2010	Interest up to April 2011		Interest up to April 2012		As per BS submission and Decision	Actual
DVA Account	Balance	Interest	Balance	Interest	Balance		
1521	\$1,070.00	-\$48.64	\$1,021.36	-\$23.82	\$997.54	\$998	\$998
1550	-\$44,441.15	-\$434.09	-\$44,875.24	-\$212.62	-\$ 45,087.86	-\$45,088	-\$45,088
1555						-\$26,060	-\$26,060
1580	-\$41,667.47	-\$405.70	-\$42,073.18	-\$198.71	-\$42,271.89	-\$41,667	-\$42,272
1584	-\$28,583.16	-\$277.53	-\$28,860.70	-\$135.93	-\$28,996.63	-\$28,583	-\$28,997
1586	-\$22,567.38	-\$218.88	-\$22,786.26	-\$107.21	-\$22,893.46	-\$22,567	-\$22,893
1588	-\$25,428.25	-\$234.64	-\$25,662.89	-\$114.93	-\$25,777.81	-\$25,428	-\$25,778
1589- 1588	\$33,184.57	\$318.31	\$33,502.88	\$155.91	\$33,658.79	\$33,659	\$33,659
1592						-\$198	-\$198
TOTAL	\$93,238.30	\$844.18	-\$151,231.52	-\$772.10	-\$160,115.62	-\$154,934	-\$156,629

- b) Review and Disposition of Account 1562: Deferred Payments in Lieu of Taxes.
Hydro 2000 acknowledges the Board acceptance of Hydro 2000's proposed disposition of a revised credit balance of \$26,060 to be remitted to the customer. Hydro 2000 also acknowledges the board's guidelines as to the transfer of the balances to account 1595.

7) SMART METERS;

- a) Prudence of Smart Meter Costs

Hydro 2000 acknowledges the Board's view that Hydro 2000's smart meter costs were prudently incurred and the Board's acceptance of the utility smart meter related costs.

- b) Smart Meter Disposition Rider

Hydro 2000 has calculated its SMDR on a class specific basis. The revised SMDR is presented at Appendix I

- c) Stranded Meters

Hydro 2000 acknowledges the Board's acceptance of the utility stranded meter costs in the amount of \$18,242. The SMRR has been recalculated to reflect a class specific allocation. The revised SMRR is presented at Appendix H

8) Lost Revenue Adjustment Mechanism (“LRAM”);

Hydro 2000 has revised its LRAM calculations and report to exclude loss revenues persisting in 2011 and 2012. The revised LRAM recovery is in the amount of \$11,962. The supporting documentation can be found at Appendix G.

Customer Class	Savings	LRAM
Residential	1.1 GWh	\$10,999.74
General Service Less Than 50 kW	0.1 GWH	\$335.42
General Service 50 to 4,999 kW	0.2 MW	\$626.86
Total To December 2010		\$11,962.01

9) Implementation.

- a) Hydro 2000 acknowledges the Board’s decision of an implementation date of July 1, 2012 and will comply with the Board’s decision.

Hydro 2000 is somewhat concern that the Board does not fully appreciate the amount of work that is required for small utilities to complete Cost of Service applications. Hydro 2000 believes that the Board’s current regulatory regime is inappropriate for small utilities and urges the Board to explore a more suitable, light-handed regulatory process for smaller utilities.

~ Respectfully submitted ~

APPENDICES

Appendix A

Tariffs of Rates and Charges

Rate Schedule

Residential

Service Charge	\$	12.87
Distribution Volumetric Rate	\$/kWh	0.0129
Rate Rider for Global Adjustment Sub-Account (Applicable only to Non-RPP customers)	\$/kWh	0.00319
Rate Rider for Deferral/Variance Account Disposition	\$/kWh	(0.0039)
Rate Rider for Late Payment Penalty Litigation Costs	\$/kWh	
Stranded Meter Rate Rider		0.3128
Loss Revenue Adjustment	\$/kWh	0.0008
Low Voltage Rate Rider	\$/kWh	0.0054
Smart Meter Funding Adder	\$/kWh	
Smart Meter Disposition Rider		0.5424
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Low Voltage Service Rate	\$/kWh	0.0042
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service < 50 kW

Service Charge	\$	28.85
Distribution Volumetric Rate	\$/kWh	0.0125
Rate Rider for Global Adjustment Sub-Account (Applicable only to Non-RPP customers)	\$/kWh	0.00319
Rate Rider for Deferral/Variance Account Disposition	\$/kWh	(0.0039)
Rate Rider for Late Payment Penalty Litigation Costs	\$/kWh	
Stranded Meter Rate Rider		0.3128
Loss Revenue Adjustment	\$/kWh	0.0001
Low Voltage Rate Rider	\$/kWh	0.0052
Smart Meter Funding Adder	\$/kWh	
Smart Meter Disposition Rider		0.5424
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Low Voltage Service Rate	\$/kWh	0.0042
Standard Supply Service – Administrative Charge (if applicable)	\$/kWh	0.25

General Service > 50 to 4999 kW

Service Charge	\$	120.73
Distribution Volumetric Rate	\$/kW	2.0877
Rate Rider for Global Adjustment Sub-Account (Applicable only to Non-RPP customers)	\$/kW	0.0032
Rate Rider for Deferral/Variance Account Disposition	\$/kW	(1.5329)
Rate Rider for Late Payment Penalty Litigation Costs	\$/kW	
Stranded Meter Rate Rider	\$/kW	0.3128
Loss Revenue Adjustment	\$/kW	0.0529
Low Voltage Rate Rider	\$/kW	1.9417
Smart Meter Funding Adder	\$/kW	
Retail Transmission Rate – Network Service Rate	\$/kW	2.0933
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7491
Wholesale Market Service Rate	\$/kW	0.0052
Rural Rate Protection Charge	\$/kW	0.0013

Rate Schedule

Low Voltage Service Rate	\$/kW	1.5507
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge (per connection)	\$	14.75
Distribution Volumetric Rate	\$/kWh	0.0415
Rate Rider for Global Adjustment Sub-Account (Applicable only to Non-RPP customers)	\$/kWh	
Rate Rider for Deferral/Variance Account Disposition	\$/kWh	(0.0039)
Rate Rider for Late Payment Penalty Litigation Costs	\$/kWh	
Stranded Meter Rate Rider	\$/kWh	
Loss Revenue Adjustment	\$/kWh	
Low Voltage Rate Rider	\$/kWh	0.0052
Smart Meter Funding Adder	\$/kWh	
Smart Meter Disposition Rider	\$/kWh	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Low Voltage Service Rate	\$/kWh	0.0042
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Street Lighting

Service Charge (per connection)	\$	1.16
Distribution Volumetric Rate	\$/kW	6.8556
Rate Rider for Global Adjustment Sub-Account (Applicable only to Non-RPP customers)	\$/kW	0.00
Rate Rider for Deferral/Variance Account Disposition	\$/kW	(1.4052)
Rate Rider for Late Payment Penalty Litigation Costs	\$/kW	
Stranded Meter Rate Rider	\$/kW	
Loss Revenue Adjustment	\$/kW	
Low Voltage Rate Rider	\$/kW	1.5010
Smart Meter Funding Adder	\$/kW	
Smart Meter Disposition Rider	\$/kW	
Retail Transmission Rate – Network Service Rate	\$/kW	1.5786
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3521
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Low Voltage Service Rate	\$/kW	1.1988
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

microFIT Generator Service

Service Charge	\$	5.25
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Specific Service Charges

Arrears Certificate	\$	15.00
Statement of Account	\$	15.00
Pulling post-dated cheques	\$	9.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income tax letter	\$	15.00

Rate Schedule

Notification Charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	25.00
Returned Cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge / change of occupancy charge	\$	15.00
Special Meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Late Payment - per month	%	1.50
Disconnect/Reconnect at meter – during regular hours	\$	25.00
Disconnect/Reconnect at meter – after regular hours	\$	50.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install / remove load control device – during regular hours	\$	25.00
Install / remove load control device – after regular hours	\$	50.00
Service call – customer-owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Temporary service install and remove – overhead – no transformer	\$	500.00
Temporary service install and remove – underground – no transformer	\$	300.00
Temporary service install and remove – overhead – with transformer	\$	1,000.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35

Allowances

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

LOSS FACTORS

Secondary Metered Customer	1.0772
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Appendix B

Summary and Detailed Customer Bill Impacts

Hydro 2000 (ED-2002-0542)
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H4 Bill Impact Summary

Enter sample volumes and RPP status

Customer Class Name	Volume		RPP Rate Class	Distribution Charges		Delivery Charges		Total Bill	
	kWh	kW		\$ change	% change	\$ change	% change	\$ change	% change
Residential	800		Summer	\$7.63	41.8%	\$7.72	25.4%	\$9.54	8.5%
	1,000		Summer	\$8.16	40.4%	\$8.26	23.4%	\$10.37	7.4%
	2,000		Summer	\$13.56	45.2%	\$13.79	22.9%	\$17.63	6.4%
			Summer	\$2.76	26.5%	\$2.76	26.5%	\$3.12	26.5%
General Service < 50 kW	2,000		Non-res.	\$7.64	15.3%	\$7.43	10.5%	\$10.44	3.7%
General Service > 50 to 4999 kW	68,500	190	Non-res.	(\$7.46)	(1.2%)	(\$23.55)	(1.7%)	\$43.76	0.5%
Unmetered Scattered Load	397		Non-res.	\$14.71	86.3%	\$14.67	69.4%	\$16.94	27.7%
Street Lighting	30,000	80	Non-res.	(\$87.49)	(13.6%)	(\$92.66)	(10.5%)	(\$73.87)	(1.8%)

Hydro 2000 (ED-2002-0542)

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

Residential

RPP: Summer

800 kWh's

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$8.53	\$8.53	1	\$12.87	\$12.87	\$4.34	50.9%
Distribution	kWh	800	\$0.0060	\$4.80	800	\$0.0129	\$10.32	\$5.52	>100%
Global Adj	kWh		\$0.0008			\$0.0032			
DVA	kWh	800	(\$0.0017)	(\$1.36)	800	(\$0.0039)	(\$3.12)	(\$1.76)	>100%
LPP		1	\$0.2000	\$0.20	1			(\$0.20)	(100.0%)
SMRR		1			1	\$0.3128	\$0.31	\$0.31	
LRAM	kWh	800			800	\$0.0008	\$0.64	\$0.64	
LV	kWh	800	\$0.0055	\$4.40	800	\$0.0054	\$4.32	(\$0.08)	(1.8%)
SMFA		1	\$1.6900	\$1.69	1			(\$1.69)	(100.0%)
SMDR		1			1	\$0.5424	\$0.54	\$0.54	
† Distribution sub-total				\$18.26			\$25.89	\$7.63	41.8%
Electricity (Commodity)	kWh	853	RPP	\$57.96	862	RPP	\$58.63	\$0.67	1.2%
† Transmission - Network	kWh	853	\$0.0057	\$4.86	862	\$0.0056	\$4.83	(\$0.03)	(0.6%)
† Transmission - Connection	kWh	853	\$0.0045	\$3.84	862	\$0.0046	\$3.96	\$0.12	3.1%
Wholesale Market Service	kWh	853	\$0.0052	\$4.43	862	\$0.0052	\$4.48	\$0.05	1.1%
Rural Rate Protection	kWh	853	\$0.0013	\$1.11	862	\$0.0013	\$1.12	\$0.01	0.9%
Debt Retirement Charge	kWh	800	\$0.0070	\$5.60	800	\$0.0070	\$5.60		
† Low Voltage Charges	kWh	800	\$0.0042	\$3.36	800	\$0.0042	\$3.36		
Subtotal				\$99.42			\$107.87	\$8.45	8.5%
HST				\$12.92			\$14.02	\$1.10	8.5%
TOTAL BILL				\$112.34			\$121.89	\$9.54	8.5%
† <i>Delivery Only</i>				<i>\$30.32</i>			<i>\$38.04</i>	<i>\$7.72</i>	<i>25.4%</i>

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

Residential

RPP: Summer

1,000 kWh's

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$8.53	\$8.53	1	\$12.87	\$12.87	\$4.34	50.9%
Distribution	kWh	1,000	\$0.0060	\$6.00	1,000	\$0.0129	\$12.90	\$6.90	>100%
Global Adj	kWh		\$0.0008			\$0.0032			
DVA	kWh	1,000	(\$0.0017)	(\$1.70)	1,000	(\$0.0039)	(\$3.90)	(\$2.20)	>100%
LPP		1	\$0.2000	\$0.20	1			(\$0.20)	(100.0%)
SMRR		1			1	\$0.3128	\$0.31	\$0.31	
LRAM	kWh	1,000			1,000	\$0.0008	\$0.80	\$0.80	
LV	kWh	1,000	\$0.0055	\$5.50	1,000	\$0.0054	\$5.40	(\$0.10)	(1.8%)
SMFA		1	\$1.6900	\$1.69	1			(\$1.69)	(100.0%)
SMDR		1			1				
† Distribution sub-total				\$20.22			\$28.38	\$8.16	40.4%
Electricity (Commodity)	kWh	1,066	RPP	\$73.95	1,077	RPP	\$74.79	\$0.84	1.1%
† Transmission - Network	kWh	1,066	\$0.0057	\$6.08	1,077	\$0.0056	\$6.03	(\$0.05)	(0.8%)
† Transmission - Connection	kWh	1,066	\$0.0045	\$4.80	1,077	\$0.0046	\$4.95	\$0.15	3.1%
Wholesale Market Service	kWh	1,066	\$0.0052	\$5.54	1,077	\$0.0052	\$5.60	\$0.06	1.1%
Rural Rate Protection	kWh	1,066	\$0.0013	\$1.39	1,077	\$0.0013	\$1.40	\$0.01	0.7%
Debt Retirement Charge	kWh	1,000	\$0.0070	\$7.00	1,000	\$0.0070	\$7.00		
† Low Voltage Charges	kWh	1,000	\$0.0042	\$4.20	1,000	\$0.0042	\$4.20		
Subtotal				\$123.18			\$132.35	\$9.17	7.4%
HST				\$16.01			\$17.21	\$1.19	7.4%
TOTAL BILL				\$139.19			\$149.56	\$10.37	7.4%
† <i>Delivery Only</i>				\$35.30			\$43.56	\$8.26	23.4%

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

October 10, 2011

H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

Residential

RPP: Summer

2,000 kWh's

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$8.53	\$8.53	1	\$12.87	\$12.87	\$4.34	50.9%
Distribution	kWh	2,000	\$0.0060	\$12.00	2,000	\$0.0129	\$25.80	\$13.80	>100%
Global Adj	kWh		\$0.0008			\$0.0032			
DVA	kWh	2,000	(\$0.0017)	(\$3.40)	2,000	(\$0.0039)	(\$7.80)	(\$4.40)	>100%
LPP		1	\$0.2000	\$0.20	1			(\$0.20)	(100.0%)
SMRR		1			1	\$0.3128	\$0.31	\$0.31	
LRAM	kWh	2,000			2,000	\$0.0008	\$1.60	\$1.60	
LV	kWh	2,000	\$0.0055	\$11.00	2,000	\$0.0054	\$10.80	(\$0.20)	(1.8%)
SMFA		1	\$1.6900	\$1.69	1			(\$1.69)	(100.0%)
SMDR		1			1				
† Distribution sub-total				\$30.02			\$43.58	\$13.56	45.2%
Electricity (Commodity)	kWh	2,132	RPP	\$153.90	2,154	RPP	\$155.57	\$1.67	1.1%
† Transmission - Network	kWh	2,132	\$0.0057	\$12.15	2,154	\$0.0056	\$12.06	(\$0.09)	(0.7%)
† Transmission - Connection	kWh	2,132	\$0.0045	\$9.59	2,154	\$0.0046	\$9.91	\$0.32	3.3%
Wholesale Market Service	kWh	2,132	\$0.0052	\$11.09	2,154	\$0.0052	\$11.20	\$0.11	1.0%
Rural Rate Protection	kWh	2,132	\$0.0013	\$2.77	2,154	\$0.0013	\$2.80	\$0.03	1.1%
Debt Retirement Charge	kWh	2,000	\$0.0070	\$14.00	2,000	\$0.0070	\$14.00		
† Low Voltage Charges	kWh	2,000	\$0.0042	\$8.40	2,000	\$0.0042	\$8.40		
Subtotal				\$241.92			\$257.52	\$15.60	6.4%
HST				\$31.45			\$33.48	\$2.03	6.4%
TOTAL BILL				\$273.37			\$291.00	\$17.63	6.4%
† <i>Delivery Only</i>				\$60.16			\$73.95	\$13.79	22.9%

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

General Service < 50 kW

RPP: Non-res.

2,000 kWh's

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$24.61	\$24.61	1	\$28.85	\$28.85	\$4.24	17.2%
Distribution	kWh	2,000	\$0.0081	\$16.20	2,000	\$0.0125	\$25.00	\$8.80	54.3%
Global Adj	kWh		\$0.0008			\$0.0032			
DVA	kWh	2,000	(\$0.0017)	(\$3.40)	2,000	(\$0.0039)	(\$7.80)	(\$4.40)	>100%
LPP	kWh	1	\$0.5700	\$0.57	1			(\$0.57)	(100.0%)
SMRR	kWh	1			1	\$0.3128	\$0.31	\$0.31	
LRAM	kWh	2,000			2,000	\$0.0001	\$0.20	\$0.20	
LV	kWh	2,000	\$0.0051	\$10.20	2,000	\$0.0052	\$10.40	\$0.20	2.0%
SMFA	kWh	1	\$1.6900	\$1.69	1			(\$1.69)	(100.0%)
SMDR		1			1	\$0.5424	\$0.54	\$0.54	
† Distribution sub-total				\$49.87			\$57.51	\$7.64	15.3%
Electricity (Commodity)	kWh	2,132	RPP	\$152.40	2,154	RPP	\$154.07	\$1.67	1.1%
† Transmission - Network	kWh	2,132	\$0.0052	\$11.09	2,154	\$0.0051	\$10.99	(\$0.10)	(0.9%)
† Transmission - Connection	kWh	2,132	\$0.0045	\$9.59	2,154	\$0.0044	\$9.48	(\$0.11)	(1.1%)
Wholesale Market Service	kWh	2,132	\$0.0052	\$11.09	2,154	\$0.0052	\$11.20	\$0.11	1.0%
Rural Rate Protection	kWh	2,132	\$0.0013	\$2.77	2,154	\$0.0013	\$2.80	\$0.03	1.1%
Debt Retirement Charge	kWh	2,000	\$0.0070	\$14.00	2,000	\$0.0070	\$14.00		
† Low Voltage Charges									
Subtotal				\$250.81			\$260.05	\$9.24	3.7%
HST				\$32.61			\$33.81	\$1.20	3.7%
TOTAL BILL				\$283.42			\$293.85	\$10.44	3.7%
† <i>Delivery Only</i>				\$70.55			\$77.98	\$7.43	10.5%

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

General Service > 50 to 4999 kW

RPP: Non-res.

68,500 kWh's		2011 BILL			2012 BILL			CHANGE IMPACT	
190 kW's		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
	Monthly Service Charge	1	\$120.73	\$120.73	1	\$120.73	\$120.73		
	Distribution	190	\$0.9881	\$187.74	190	\$2.0877	\$396.66	\$208.92	>100%
	Global Adj	190	\$0.3390	\$64.41	190	\$0.0032	\$0.61	(\$63.80)	(99.1%)
	DVA	190	(\$0.7285)	(\$138.42)	190	(\$1.5329)	(\$291.25)	(\$152.84)	>100%
	LPP	1	\$2.5400	\$2.54	1			(\$2.54)	(100.0%)
	SMRR	1			1	\$0.3128	\$0.31	\$0.31	
	LRAM	190			190	\$0.0529	\$10.05	\$10.05	
	LV	190	\$1.9755	\$375.35	190	\$1.9417	\$368.92	(\$6.42)	(1.7%)
	SMFA	1	\$1.6900	\$1.69	1			(\$1.69)	(100.0%)
	SMDR	1			1	\$0.5424	\$0.54	\$0.54	
†	Distribution sub-total			\$614.04			\$606.58	(\$7.46)	(1.2%)
	Electricity (Commodity)	73,021	RPP	\$5,469.08	73,785	RPP	\$5,526.40	\$57.32	1.0%
†	Transmission - Network	190	\$2.1334	\$405.35	190	\$2.0933	\$397.73	(\$7.62)	(1.9%)
†	Transmission - Connection	190	\$1.7937	\$340.80	190	\$1.7491	\$332.33	(\$8.47)	(2.5%)
	Wholesale Market Service	73,021	\$0.0052	\$379.71	73,785	\$0.0052	\$383.68	\$3.97	1.0%
	Rural Rate Protection	73,021	\$0.0013	\$94.93	73,785	\$0.0013	\$95.92	\$0.99	1.0%
	Debt Retirement Charge	68,500	\$0.0070	\$479.50	68,500	\$0.0070	\$479.50		
†									
	Subtotal			\$7,783.41			\$7,822.14	\$38.73	0.5%
	HST			\$1,011.84			\$1,016.88	\$5.03	0.5%
	TOTAL BILL			\$8,795.25			\$8,839.01	\$43.76	0.5%
†	<i>Delivery Only</i>			<i>\$1,360.19</i>			<i>\$1,336.64</i>	<i>(\$23.55)</i>	<i>(1.7%)</i>

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

Unmetered Scattered Load

RPP: Non-res.

397 kWh's

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$12.31	\$12.31	1	\$14.75	\$14.75	\$2.44	19.8%
Distribution	kWh	397	\$0.0081	\$3.22	397	\$0.0415	\$16.48	\$13.26	>100%
Global Adj	kWh	397			397				
DVA	kWh	397	(\$0.0017)	(\$0.67)	397	(\$0.0039)	(\$1.55)	(\$0.87)	>100%
LPP		1			1				
SMRR	kWh	397			397				
LRAM	kWh	397			397				
LV	kWh	397	\$0.0055	\$2.18	397	\$0.0052	\$2.06	(\$0.12)	(5.5%)
SMFA		1			1				
SMDR		1			1				
† Distribution sub-total				\$17.03			\$31.74	\$14.71	86.3%
Electricity (Commodity)	kWh	423	RPP	\$27.51	428	RPP	\$27.80	\$0.29	1.1%
† Transmission - Network	kWh	423	\$0.0052	\$2.20	428	\$0.0051	\$2.18	(\$0.02)	(0.9%)
† Transmission - Connection	kWh	423	\$0.0045	\$1.90	428	\$0.0044	\$1.88	(\$0.02)	(1.1%)
Wholesale Market Service	kWh	423	\$0.0052	\$2.20	428	\$0.0052	\$2.22	\$0.02	0.9%
Rural Rate Protection	kWh	423	\$0.0013	\$0.55	428	\$0.0013	\$0.56	\$0.01	1.8%
Debt Retirement Charge	kWh	397	\$0.0070	\$2.78	397	\$0.0070	\$2.78		
†									
Subtotal				\$54.17			\$69.16	\$14.99	27.7%
HST				\$7.04			\$8.99	\$1.95	27.7%
TOTAL BILL				\$61.22			\$78.15	\$16.94	27.7%
† <i>Delivery Only</i>				<i>\$21.13</i>			<i>\$35.80</i>	<i>\$14.67</i>	<i>69.4%</i>

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

Street Lighting

RPP: Non-res.

30,000 kWh's

80 kW's

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$0.05	\$0.05	1	\$1.16	\$1.16	\$1.11	>100%
Distribution	kW	80	\$7.1591	\$572.73	80	\$6.8556	\$548.45	(\$24.28)	(4.2%)
Global Adj	kW				80	\$0.0032	\$0.25	\$0.25	
DVA	kW	80	(\$0.6253)	(\$50.02)	80	(\$1.4052)	(\$112.42)	(\$62.39)	>100%
LPP		1	\$0.0300	\$0.03	1			(\$0.03)	(100.0%)
SMRR	kW	80			80				
LRAM	kW	80			80				
LV	kW	80	\$1.5279	\$122.23	80	\$1.5010	\$120.08	(\$2.15)	(1.8%)
SMFA		1			1				
SMDR		1			1				
† Distribution sub-total				\$645.02			\$557.53	(\$87.49)	(13.6%)
Electricity (Commodity)	kWh	31,980	RPP	\$2,391.00	32,315	RPP	\$2,416.11	\$25.11	1.1%
† Transmission - Network	kW	80	\$1.6088	\$128.70	80	\$1.5786	\$126.29	(\$2.41)	(1.9%)
† Transmission - Connection	kW	80	\$1.3866	\$110.93	80	\$1.3521	\$108.17	(\$2.76)	(2.5%)
Wholesale Market Service	kWh	31,980	\$0.0052	\$166.30	32,315	\$0.0052	\$168.04	\$1.74	1.0%
Rural Rate Protection	kWh	31,980	\$0.0013	\$41.57	32,315	\$0.0013	\$42.01	\$0.44	1.1%
Debt Retirement Charge	kWh	30,000	\$0.0070	\$210.00	30,000	\$0.0070	\$210.00		
†									
Subtotal				\$3,693.52			\$3,628.15	(\$65.37)	(1.8%)
HST				\$480.16			\$471.66	(\$8.50)	(1.8%)
TOTAL BILL				\$4,173.67			\$4,099.81	(\$73.87)	(1.8%)
† <i>Delivery Only</i>				\$884.65			\$791.99	(\$92.66)	(10.5%)

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H5 Customer Bill Impact Analysis

RPP rates per sheet Y7

Review detailed bill impacts (no input on this sheet)

Street Lighting

RPP:

	Metric	2011 BILL			2012 BILL			CHANGE IMPACT	
		Volume	Rate	Charge	Volume	Rate	Charge	\$	%
Monthly Service Charge		1	\$0.05	\$0.05	1	\$1.16	\$1.16	\$1.11	>100%
Distribution	kW		\$7.1591			\$6.8556			
Global Adj	kW					\$0.0032			
DVA	kW		(\$0.6253)			(\$1.4052)			
LPP		1	\$0.0300	\$0.03	1			(\$0.03)	(100.0%)
SMRR	kW								
LRAM	kW								
LV	kW		\$1.5279			\$1.5010			
SMFA		1			1				
SMDR	--	--		--	--		--	--	--
† Distribution sub-total				--			--	--	--
Electricity (Commodity)	kWh		RPP	--		RPP	--	--	--
† Transmission - Network	kW		\$1.6088			\$1.5786			
† Transmission - Connection	kW		\$1.3866			\$1.3521			
Wholesale Market Service	kWh		\$0.0052			\$0.0052			
Rural Rate Protection	kWh		\$0.0013			\$0.0013			
Debt Retirement Charge	kWh		\$0.0070			\$0.0070			
† Low Voltage Charges	kW		\$1.1988			\$1.1988			
Subtotal				--			--	--	--
HST				--			--	--	--
TOTAL BILL				--			--	--	--
† <i>Delivery Only</i>				--			--	--	--

Appendix C

Net Capital

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

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B4 Net Capital Asset Balances*Enter previously approved accumulated amortization balances and review projected net balances*

Account Description	2008 Approved - Ending Balances			2008 Actual - Ending Balances			2009 Actual - Ending Balances		
	Gross Assets	Accumulated Amortization	Net Book Value	Gross Assets	Accumulated Amortization	Net Book Value	Gross Assets	Accumulated Amortization	Net Book Value
1810-Leasehold Improvements									
1830-Poles, Towers and Fixtures	194,996	-82,601	112,395	218,154	-95,909	122,246	262,611	-110,474	152,138
1835-Overhead Conductors and Devices	219,684	-80,182	139,502	248,219	-94,837	153,382	259,038	-109,934	149,105
1840-Underground Conduit	13,405	-1,072	12,333	13,405	-1,608	11,797	13,405	-2,144	11,261
1845-Underground Conductors and Devices	127,183	-25,112	102,071	73,219	-29,222	43,997	93,128	-33,749	59,379
1850-Line Transformers	76,694	-26,882	49,812	80,634	-31,622	49,012	98,118	-36,790	61,328
1855-Services	52,400	-4,225	48,175	57,867	-6,462	51,405	66,474	-8,949	57,526
1860-Meters	48,889	-24,398	24,491	49,068	-27,985	21,084	53,684	-31,667	22,018
1915-Office Furniture and Equipment	3,246	-2,978	268	3,861	-3,077	784	4,158	-3,198	960
1920-Computer Equipment - Hardware	24,819	-19,428	5,391	30,128	-22,888	7,240	31,178	-25,412	5,766
1925-Computer Software	80,598	-13,278	67,320	70,023	-18,439	51,585	72,069	-27,150	44,919
1995-Contributions and Grants - Credit	-107,165	6,018	-101,147	-110,995	10,370	-100,625	-140,754	15,406	-125,348
TOTAL	734,749	-274,136	460,613	733,583	-321,677	411,906	813,110	-374,059	439,051

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B4 Net Capital Asset Balances

Amounts from sheets B1 and B3

Enter previously approved accumulated at

Account Description	2010 Actual - Ending Balances			2011 Projection - Ending Balances			2012 Projection - Ending Balances		
	Gross Assets	Accumulated Amortization	Net Book Value	Gross Assets	Accumulated Amortization	Net Book Value	Gross Assets	Accumulated Amortization	Net Book Value
1810-Leasehold Improvements				16,029	-1,603	14,426	16,029	-4,809	11,220
1830-Poles, Towers and Fixtures	271,450	-126,105	145,346	285,874	-142,202	143,673	300,874	-158,887	141,988
1835-Overhead Conductors and Devices	284,925	-125,765	159,160	304,765	-142,510	162,255	327,765	-160,112	167,653
1840-Underground Conduit	13,405	-2,680	10,725	13,405	-3,216	10,188	13,405	-3,752	9,652
1845-Underground Conductors and Devices	93,348	-38,679	54,669	93,348	-43,614	49,734	93,348	-48,549	44,799
1850-Line Transformers	104,546	-42,436	62,110	109,546	-48,310	61,236	114,546	-54,384	60,162
1855-Services	69,709	-11,674	58,036	69,982	-14,467	55,516	69,982	-17,266	52,717
1860-Meters	55,833	-35,485	20,348	2,370	-133	2,237	195,667	-6,671	188,996
1915-Office Furniture and Equipment	4,620	-3,333	1,287	10,631	-3,822	6,809	11,631	-4,642	6,989
1920-Computer Equipment - Hardware	38,311	-28,537	9,774	42,045	-31,608	10,437	45,045	-35,294	9,751
1925-Computer Software	87,935	-35,893	52,042	103,336	-50,340	52,996	142,097	-70,092	72,005
1995-Contributions and Grants - Credit	-148,262	21,185	-127,077	-148,262	27,115	-121,147	-148,262	33,045	-115,217
TOTAL	875,819	-429,400	446,419	903,068	-454,709	448,359	1,182,126	-531,412	650,714

Appendix D

OM&A

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

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B5 OM&A Expenses*Enter projected expenses for Operations, Maintenance and Administration*

Account Grouping	Account Description	2010 Actual	2011 Projection	2012 Projection
3500-Distribution Expenses - Operation	5010-Load Dispatching		9,000	9,000
	5020-Overhead Distribution Lines and Feeders - Operation Labour		1,500	2,050
	5035-Overhead Distribution Transformers- Operation	878	1,725	1,725
	5065-Meter Expense			
3550-Distribution Expenses - Maintenance	5125-Maintenance of Overhead Conductors and Devices	-92	1,025	1,025
	5135-Overhead Distribution Lines and Feeders - Right of Way		1,025	1,025
	5155-Maintenance of Underground Services	4,538		
3650-Billing and Collecting	5315-Customer Billing	95,744	109,596	115,734
	5335-Bad Debt Expense	6,630	12,000	12,000
3700-Community Relations	5410-Community Relations - Sundry		700	717
3800-Administrative and General Expenses	5605-Executive Salaries and Expenses	13,401	12,000	12,300
	5610-Management Salaries and Expenses	76,588	100,224	102,760
	5615-General Administrative Salaries and Expenses	4,700	5,500	6,000
	5620-Office Supplies and Expenses	10,606	27,917	18,255
	5630-Outside Services Employed	11,000	14,000	14,775
	5635-Property Insurance	3,309	4,125	4,228
	5645-Employee Pensions and Benefits	6,802	8,190	9,517

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B5 OM&A Expenses

Enter projected expenses for Operations, Maintenance and Administration

Account Grouping	Account Description	2010 Actual	2011 Projection	2012 Projection
	5655-Regulatory Expenses	54,540	22,300	72,375
	5670-Rent	8,483	13,540	13,878
	5680-Electrical Safety Authority Fees	100	4,100	4,202
TOTAL		297,226	348,467	401,566

Appendix E

Pass-Through Charges

Hydro 2000 (ED-2002-0542)

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C8 Pass-through Charges

Volumes from sheet C1, Account #s from sheet Y4

Enter rates for pass-through charges and estimated Low Voltage revenues

Electricity (Commodity)	Customer Class Name	Revenue USA #	Expense USA #	2011 rate (\$/kWh): \$0.06666		2012 rate (\$/kWh): \$0.07270	
				Volume	Amount	Volume	Amount
kWh	Residential	4006	4705	15,711,211	1,047,309	15,546,616	1,130,239
kWh	General Service < 50 kW	4035	4705	5,035,024	335,635	4,982,275	362,211
kWh	General Service > 50 to 4999 kW	4035	4705	4,992,358	332,791	4,940,056	359,142
kWh	Unmetered Scattered Load	4035	4705	19,713	1,314	19,546	1,421
kWh	Street Lighting	4035	4705	369,727	24,646	366,582	26,651
	TOTAL			26,128,034	1,741,695	25,855,075	1,879,664
Transmission - Network	Customer Class Name	Revenue USA #	Expense USA #	2011		2012	
				Volume	Rate	Volume	Rate
kWh	Residential	4066	4714	15,711,211	\$0.0057	15,546,616	\$0.0056
kWh	General Service < 50 kW	4066	4714	5,035,024	\$0.0052	4,982,275	\$0.0051
kWh	General Service > 50 to 4999 kW	4066	4714	11,973	\$2.1334	11,847	\$2.0933
kWh	Unmetered Scattered Load	4066	4714	19,713	\$0.0052	19,546	\$0.0051
kWh	Street Lighting	4066	4714	967	\$1.6088	959	\$1.5786
	TOTAL			20,778,889	142,937	20,561,242	138,884
Transmission - Connection	Customer Class Name	Revenue USA #	Expense USA #	2011		2012	
				Volume	Rate	Volume	Rate
kWh	Residential	4068	4716	15,711,211	\$0.0045	15,546,616	\$0.0046
kWh	General Service < 50 kW	4068	4716	5,035,024	\$0.0045	4,982,275	\$0.0044
kWh	General Service > 50 to 4999 kW	4068	4716	11,973	\$1.7937	11,847	\$1.7491
kWh	Unmetered Scattered Load	4068	4716	19,713	\$0.0045	19,546	\$0.0044
kWh	Street Lighting	4068	4716	967	\$1.3866	959	\$1.3521
	TOTAL			20,778,889	116,264	20,561,242	115,541
Wholesale Market Service	Customer Class Name	Revenue USA #	Expense USA #	2011 rate (\$/kWh): \$0.00520		2012 rate (\$/kWh): \$0.00520	
				Volume	Amount	Volume	Amount
kWh	Residential	4062	4708	15,711,211	\$0.0052	15,546,616	\$0.0052
kWh	General Service < 50 kW	4062	4708	5,035,024	\$0.0052	4,982,275	\$0.0052
kWh	General Service > 50 to 4999 kW	4062	4708	4,992,358	\$0.0052	4,940,056	\$0.0052
kWh	Unmetered Scattered Load	4062	4708	19,713	\$0.0052	19,546	\$0.0052
kWh	Street Lighting	4062	4708	369,727	\$0.0052	366,582	\$0.0052
	TOTAL			26,128,034	135,866	25,855,075	134,446
Rural Rate Protection	Customer Class Name	Revenue USA #	Expense USA #	2011 rate (\$/kWh): \$0.00130		2012 rate (\$/kWh): \$0.00130	
				Volume	Amount	Volume	Amount
kWh	Residential	4062	4730	15,711,211	\$0.0013	15,546,616	\$0.0013
kWh	General Service < 50 kW	4062	4730	5,035,024	\$0.0013	4,982,275	\$0.0013
kWh	General Service > 50 to 4999 kW	4062	4730	4,992,358	\$0.0013	4,940,056	\$0.0013
kWh	Unmetered Scattered Load	4062	4730	19,713	\$0.0013	19,546	\$0.0013
kWh	Street Lighting	4062	4730	369,727	\$0.0013	366,582	\$0.0013
	TOTAL			26,128,034	33,966	25,855,075	33,612
Debt Retirement Charge	Customer Class Name	Revenue USA #	Expense USA #	2011 rate (\$/kWh): \$0.00700		2012 rate (\$/kWh): \$0.00700	
				Volume	Amount	Volume	Amount
	TOTAL						
Low Voltage Charges	Customer Class Name	Revenue USA #	Expense USA #	2011		2012	
				Volume	Rate	Volume	Rate
kWh	Residential	4075	4750	14,732,944	\$0.0042	14,578,597	\$0.0042
kWh	General Service < 50 kW	4075	4750	4,721,515	\$0.0042	4,672,050	\$0.0042
kWh	General Service > 50 to 4999 kW	4075	4750	11,973	\$1.5507	11,847	\$1.5507
kWh	Unmetered Scattered Load	4075	4750	18,486	\$0.0042	18,329	\$0.0042
kWh	Street Lighting	4075	4750	967	\$1.1988	959	\$1.1988
	TOTAL			19,485,885	101,512	19,281,782	100,450
GRAND TOTAL					2,272,240		2,402,597

Appendix F

Calculation of Deferral and Variance Rate Rider

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

October 10, 2011

G4 Rate Riders

Allocate recoveries of deferral / variance account balances

Deferral / Variance Account	Total Recovery Amount	Allocation Basis	Residential	General Service < 50 kW	General Service > 50 to 4999 kW	Unmetered Scattered Load
1521-Special Purpose Charge Assessment Variance Account	998	kWh's	600	192	191	1
1550-LV Variance Account	-45,088	kWh's	-27,111	-8,688	-8,615	-34
1555-Smart Meters Capital Variance Account		kWh's				
1556-Smart Meters OM&A Variance Account		kWh's				
1562-Deferred Payments in Lieu of Taxes	-26,060	kWh's	-15,670	-5,022	-4,979	-20
1580-RSVAWMS	-42,272	kWh's	-25,418	-8,146	-8,077	-32
1584-RSVANW	-28,997	kWh's	-17,436	-5,588	-5,540	-22
1586-RSVACN	-22,893	kWh's	-13,766	-4,412	-4,374	-17
1588-RSVAPOWER Main Account	-25,778	kWh's	-15,500	-4,967	-4,925	-19
Total Recoveries Required (2 years)	-156,431		-114,301	-36,630	-36,320	-144
Annual Recovery Amounts	-78,216		-57,150	-18,315	-18,160	-72
Proposed Rate Rider			(\$0.0039)	(\$0.0039)	(\$1.5329)	(\$0.0039)
per			kWh	kWh	kW	kWh

Allocators	Data Source	2011 Projection Total	Residential	General Service < 50 kW	General Service > 50 to 4999 kW	Unmetered Scattered Load
Customers / Connections	C1	1,589	1,061	142	12	6
kWh's	C1	24,245,194	14,578,597	4,672,050	4,632,461	18,329
Distribution Revenue (existing rates)	C4	313,067	196,076	79,779	29,091	1,035
Distribution Revenue (proposed rates)	F4	515,289	352,207	107,443	42,118	1,823

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 1

October 10, 2011

G4 Rate Riders

Allocate recoveries of deferral / variance ac

Deferral / Variance Account	Street Lighting
1521-Special Purpose Charge Assessment Variance Account	14
1550-LV Variance Account	-639
1555-Smart Meters Capital Variance Account	
1556-Smart Meters OM&A Variance Account	
1562-Deferred Payments in Lieu of Taxes	-369
1580-RSVAWMS	-599
1584-RSVANW	-411
1586-RSVACN	-325
1588-RSVAPOWER Main Account	-365
Total Recoveries Required (2 years)	-2,695
Annual Recovery Amounts	-1,348
Proposed Rate Rider	(\$1.4052)
per	kW

Allocators	Street Lighting
Customers / Connections	368
kWh's	343,757
Distribution Revenue (existing rates)	7,086
Distribution Revenue (proposed rates)	11,697

Appendix G

LRAM Report

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

October 10, 2011

Calculation of LRAM Rate Rider

	Total	Residential	General Service < 50 kW	General Service > 50 to 4999 kW
Lost Revenue Amount	11,962.02	10,999.74	335.42	626.86
Carrying Charges	-	-	-	-
Total	11,962.02	10,999.74	335.42	626.86
Recovery Period (Years)	1.00			
Annualized Amount		11,000	335	627
Annual Volume		14,578,597	4,672,050	11,847
Charge Parameter		kWh	kWh	kW
Rate Rider		\$0.0008	\$0.0001	\$0.0529

Rate Rider proceeds

11,662.88

467.21

626.71

Amount to be disposed of in a future period

663.14

131.79

(0.15)

Appendix H

SMRR Calculations

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

October 10, 2011

Stranded Meter Rate Rider

		18,242
Total for Recovery		18,242
Recovery Period (years)	4	
Annual Recovery		4,561

Billing Determinant: kWh

Customer Class	customer count	% share	Annual \$	Volume ²	Rate	per month	per
Residential	1,061	87.3%	3,982	1,061	\$3.7535	\$0.3128	kWh
General Service < 50 kW	142	11.7%	533	142	\$3.7535	\$0.3128	kWh
General Service > 50 to 4999 kW	12	1.0%	45	12	\$3.7535	\$0.3128	kWh
Unmetered Scattered Load		0.0%	0	0	\$0.0000		kWh
Street Lighting		0.0%	0	0	\$0.0000		kWh
TOTAL	1,215	100.0%	4,561				

Appendix I

SMDR calculations

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

October 10, 2011

Smart Meter Disposition Rider

Deferred Incremental RR from 2006 to Dec 2011	97,097.31
SMFA Collected from 2006 through Dec 2012	65,464.08
Total for Recovery	31,633.23
Recovery Period (years)	4
Annual Recovery	7,908

Customer Class	customer count	% share	Annual \$	Billing Determinant: kWh			
				Volume ²	Rate	per month	per
Residential	1,061	87.3%	6,906	1,061	\$6.5089	\$0.5424	kWh
General Service < 50 kW	142	11.7%	924	142	\$6.5089	\$0.5424	kWh
General Service > 50 to 4999 kW	12	1.0%	78	12	\$6.5089	\$0.5424	kWh
Unmetered Scattered Load		0.0%	0	0	\$0.0000		kWh
Street Lighting		0.0%	0	0	\$0.0000		kWh
TOTAL	1,215	100.0%	7,908				

Appendix J

CDM Adjusted Load Forecast

Hydro 2000 (ED-2002-0542)

2012 EDR Application (EB-2011-0326) version: 10

October 10, 2011

3.1.1 Volumetric Trend Table

Enter historical volume data and projections for 2011-2012

CUSTOMERS (CONNECTIONS)

Customer Class Name	2008 EDR Approved	2008 Actual	2009 Actual	2010 Actual	2010 Normalized	2011 Normalized	2011 Estimated	2012 Normalized
Residential	1,018	1,018	1,027	1,041	1,034	1,047	1,047	1,061
General Service < 50 kW	140	140	140	143	142	142	142	142
General Service > 50 to 4999 kW	12	12	12	12	12	12	12	12
Unmetered Scattered Load	6	6	6	6	6	6	6	6
Street Lighting	368	368	368	368	368	368	368	368
TOTAL	1,544	1,544	1,553	1,570	1,562	1,575	1,575	1,589

METERED KILOWATT-HOURS (kWh)

Customer Class Name	2008 EDR Approved	2008 Actual	2009 Actual	2010 Actual	2010 Normalized	2011 Normalized	2011 Estimated	2012 Normalized
Residential	14,810,998	14,810,998	15,239,230	14,005,778	14,658,875	14,732,944	14,732,944	14,578,597
General Service < 50 kW	4,755,195	4,755,195	4,739,499	4,472,865	4,697,778	4,721,515	4,721,515	4,672,050
General Service > 50 to 4999 kW	4,779,975	4,779,975	4,701,848	4,309,284	4,657,970	4,681,506	4,681,506	4,632,461
Unmetered Scattered Load	18,486	18,486	18,486	18,486	18,486	18,486	18,486	18,329
Street Lighting	338,189	338,189	342,383	346,706	346,706	346,706	346,706	343,757
TOTAL	24,702,843	24,702,843	25,041,446	23,153,119	24,379,815	24,501,157	24,501,157	24,245,194

KILOWATTS (kW)

Customer Class Name	2008 EDR Approved	2008 Actual	2009 Actual	2010 Actual	2010 Normalized	2011 Normalized	2011 Estimated	2012 Normalized
Residential								
General Service < 50 kW								
General Service > 50 to 4999 kW	12,030		12,380	10,940	11,913	11,973	11,973	11,847
Unmetered Scattered Load								
Street Lighting	940		965	967	967	967	967	959
TOTAL	12,970		13,345	11,907	12,880	12,940	12,940	12,806

Customer Class Name	Loss Factor
Residential	1.0664
General Service < 50 kW	1.0664
General Service > 50 to 4999 kW	1.0664
Unmetered Scattered Load	1.0664
Street Lighting	1.0664

WHOLESALE kWh's ¹

2011 Normalized	2011 Estimated	2012 Normalized
15,711,211	15,711,211	15,546,616
5,035,024	5,035,024	4,982,275
4,992,358	4,992,358	4,940,056
19,713	19,713	19,546
369,727	369,727	366,582

¹ Metered kWh's multiplied by Loss Factor