

December 29, 2010

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:

Ottawa River Power Corporation (ORPC) acknowledges receipt of the Ontario Energy Board's Decision and Order dated December 15, 2010 and thus submits its Draft Rate Order for 2010 Distribution Rates effective January 1, 2011

This Draft Rate Order contains the following components.

- Manager Summary
- Appendices A through C
  - o Appendix A Tariff of Rates and Charges
  - o Appendix B Customer Rate Impact Schedule (Summary and Detail)
  - o Appendix C PDF version of Revenue Requirement Work Form

#### Excel versions of;

- Rate Maker [ORPC.RateMaker.RateOrder.Jan1]
- Rate Maker PILs Model [ORPC.RMpils.RateOrder.Jan1]
- Revenue Requirement Work Form [ORPC-2010 RRWF.RateOrder.Jan1]
- Cost Allocation Model [ORPC-2010 CA Model.RateOrder.Jan1]

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 the number below.

Yours truly,

Douglas Fee President & C.E.O.

# Ottawa River Power Corporation Draft Rate Order EB-2009-0165

#### Manager's Summary

Ottawa River Power Corporation ("ORPC") submits this Manager Summary accompanied by a Tariff of Rates and Charges for 2010, Customer Bill Impacts, and a completed Revenue Requirement Work Form in both PDF and excel format. Ottawa River Power Corporation is also filing its final Rate Maker Model revised to reflect the Board Decision and Order issued December 15, 2010.

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

#### The Issues;

- Effective date for new rates
- Rate Base and Capital Expenditures
- Load Forecast and Revenues
- Operating Costs
- Cost of Capital and Rate of Return
- Cost Allocation and Rate Design
- Deferral and Variance Accounts

#### **EFFECTIVE DATE FOR NEW RATES**

As per directed by the Board in its December 15, 2010 decision ("Decision and Order") Ottawa River Power Corporation acknowledges and reluctantly complies with the Board's ruling on an effective date of January 1, 2011.

With respect to the ruling on ORPC's effective date of new rates, the utility echoes Renfrew<sup>1</sup> 's final thoughts shared in their Draft Rate Order and also respectfully offers its view on the matter.

In its decision, The Board noted that Ottawa River Power Corporation should have been fully aware of the time required to prepare a cost of service application and could have planned accordingly. It is ORPC's

<sup>&</sup>lt;sup>1</sup> EB-2009-0146\_RH\_Draft\_Rate\_Order filed December 9, 2010

opinion that Board has falsely assumed that a small utility can complete a cost of service application in the same timeframe as a utility which employs a full regulatory department. As a small utility, only a handful of Ottawa River Power's employees have the expertise and knowledge to draw together the information necessary to meet the "MFR". These are the same individuals who manage the day to day activities of the utility and bare the full responsibility of managing and operating a highly efficient, cost effective, distribution utility serving more customers per FTEE than larger distributors.

The nearly 200 schedules that make-up the MFRs are required whether you services 10,000 customers and employ a small workforce or a larger utility who operates with a multi-million dollar revenue requirement and employs a dedicated regulatory department. It is Ottawa River Power's opinion that; to limit rebasing costs as the Board has often done, to expect the application to be filed in the board's prescribed timeframe and to expect this application to be of the highest quality is an unrealistic demand.

Ottawa River Power Corporation agrees with Board that filing a rate application is an integral part of utilities function but disagrees with Board's view that it is a core business activity of an LDC. If such is the case, as indicated in ORPC's decision, utilities should be advised, encouraged and allowed to staff appropriately and more equitably with larger utilities. ORPC is of the view that its core activity is to deliver electricity to its customers in a safe, reliable and cost-effective manner.

The Board has stated in previous decisions that a first year cost of service application should be a learning experience that enables a utility to substantially complete rate applications in subsequent years. Ottawa River Power Corporation's Decision, on the other hand, sends a clear message that there is little incentive in the utility doing the work themselves and that small utilities should hire external consultants, overlooking the cost per customer, in order the meet the timeframe. The Board noted its concerns that some applicants do not consider seriously the timelines prescribed by the Board for filing applications. ORPC's specific circumstances should have been judged on its own merit and consideration given to their efforts in performing the work in-house thus reducing eventual costs to the customer.

#### A. RATE BASE AND CAPITAL EXPENDITURES

#### Sub-topics;

- o Capital Policies and Plan
- Working Capital Allowance
- o Service Quality and Reliability Performance

#### **Capital Policies and Plan**

Ottawa River Power Corporation acknowledges the Board's approval of a Rate Base of \$11,523,862, which reflects ORPC's proposed 2010 Capital Expenditures, Cost of Power and Working Capital Allowance. The determination of the utility's approved Rate Base is presented below;

Table A.1

TOTAL RATE BASE		
		<u>2010</u>
Net Fixed Assets in Service:		
Opening Balance	8,553,872	
Closing Balance	<u>8,858,732</u>	
Average Balance		8,706,302
Working Capital Allowance		2,817,460
TOTAL RATE BASE		11,523,862

With respect to asset management, Ottawa River Power Corporation confirms that it will file a high-level plan of its investment strategy with the next cost of service application.

#### **Working Capital Allowance**

With respect to the proposed Working Capital Allowance ("WCA"), VECC noted the appropriateness of factoring both RPP and non-RPP volumes in deriving a weighted average commodity price. Board Staff did not refute the utility's proposed WCA. Therefore ORPC acknowledges the approval of \$2,817,560 in WCA. The derivation of the approved WCA is presented below.

Table A.2

Working Capital Allowance		
		<u>2010</u>
Eligible Distribution Expenses:		
3500-Distribution Expenses - Opera	ation	360,476
3550-Distribution Expenses - Maint	enance	705,409
3650-Billing and Collecting		616,443
3700-Community Relations		58,624
3800-Administrative and General E	xpenses	859,815
3950-Taxes Other Than Income Ta	xes	-29,915
Total Eligible Distribution Expenses		2,570,853
3350-Power Supply Expenses		16,212,879
Total Expenses for Working Capital		18,783,731
Working Capital Allowance	15.0%	2,817,560

#### Service Quality and Reliability Performance

Neither Board Staff nor VECC expressed concerns in this area therefore Ottawa River Power Corporation concludes that its "Service Quality and Reliability Performance" is satisfactory.

#### B. LOAD FORECAST AND REVENUES

Sub-topics;

- Customer and Load Forecasts
- Throughput, Distribution and Other Revenues

#### **Customer and Load Forecasts**

Board staff stated it had no concerns about the mechanics of ORPC's type of load forecast methodology and no issues with the customers/connections count forecast. VECC requested that Ottawa River's forecast be adjusted by 0.05% due to an updated forecast for two of four energy sources. The Board approved a 2010 test year forecast of 13,371 customer/connections and 198,108,544 kWh.

#### **Throughput, Distribution and Other Revenues**

VECC requested a change of \$123 to Ottawa River Power Corporation's proposed Revenue Offset. Board Staff and the Board are of the view that the materiality of the change in Revenue Offset did not warrant an amendment. ORPC acknowledges Board's approval the Revenue Offset of \$367,968.

#### C. OPERATING COSTS

#### Sub-topics;

- OM&A Expenses
- o Employee Compensation
- o Depreciation and Amortization
- o Income and Capital Taxes

#### OM&A Expenses;

As summarized in the Decision and Order, Ottawa River Power Corporation requested approval of \$2,570,853 for its 2010 OM&A expenses. OPRC confirms that its projections do not include PST amounts. Instead, ORPC seeks to defer PST amounts paid in the first 6 months of 2010 for future recovery. Projections also exclude provisions for LEAP and costs associated with the Green Energy and Green Economy Act. Projections do include a provision of \$15,000 for the implementation of IFRS. After careful review of all party's views, Board approved the total OM&A as requested.

Ottawa River Power Corporation attests that it intends to fully comply with Board's policy regarding the half year rule.

#### **Employee Compensation**

Ottawa River Power Corporation confirmed in an interrogatory that the FTE headcount for the Test Year 2010 is 27. ORPC further explained that the hiring of additional unionized staff to mitigate planned retirements, a third year contract adder for unionized staff, replacements and new hiring triggered by sickness and retirements for non-unionized staff, as well as a realignment in accordance with the MEARIE management survey and local comparators, attributed to the increased staffing costs. Board staff acknowledges that it is satisfied with the justifications provided by Ottawa River Power, and that ORPC's OM&A cost per customer/connection is comparable to 2004 and is below the cohort and industry averages. The Board agrees with Board's staff evaluation and therefore approves the total OM&A expenses of \$2,570,853.

#### **Depreciation and Amortization**

For Rate Making purposes, Ottawa River Power Corporation applied the half year rule retroactively; consistent with the manner in which other utilities (which historically had also not adhered to the half year rule) had applied their revisions. The Board approved ORPC's 2010 depreciation expense.

#### **Income and Capital Taxes**

Other than revising its PILs calculation during preliminary interrogatories, to reflect the inclusion of the apprenticeship Tax credit, neither parties expressed concerns regarding Income and Capital Taxes. Board expressed no issues in that regard.

#### D. COST OF CAPITAL AND RATE OF RETURN

Ottawa River Power Corporation proposed a capital structure with a deemed common equity component of 40% and a deemed debt component of 60%. Board staff noted that ORPC's treatment of its cost of capital and rate of return is consistent with the Report of the Board on Cost of Capital. The Board approved the capital structure of 40% equity and 60% deemed debt.

#### E. COST ALLOCATION AND RATE DESIGN

Sub-topics;

- Cost Allocation Methodology
- o Proposed Distribution Rates
- Transmission, Low Voltage and Line Losses

#### Cost Allocation Methodology

After considering VECC's concern on the starting point (2006 vs. 2010) for changes in the revenue- to-cost ratios ("R/C Ratio"), Board accepted ORPC's revenue-to-cost calculation method. For the purpose of setting revenue-to-costs ratios, the Board directed a two year phase-in period to increase the revenue-to-cost ratios for the Street Lighting rate class to the bottom of the range. All other classes were approved as proposed by ORPC.

#### **Proposed Distribution Rates**

Other than a few observations, neither VECC nor Board Staff expressed specific concerns regarding the fixed to variable split and resulting proposed distribution rates. The Board accepted Ottawa River Power Corporation's distribution rates. The final rate schedule can be found at Appendix A of this document.

#### Transmission, Low Voltage and Line Losses

ORPC acknowledges that neither VECC nor Board Staff took issue with the determination of proposed Retail Transmission Service Rates (RTSR). Therefore ORPC's proposed RTSR are approved as such. The resulting rates are presented below.

		2010 Rates*			
Customer Class Name	Usage Metric	Network	Connection		
Residential	kWh	\$0.0048	\$0.0023		
General Service Less Than 50 kW	kWh	\$0.0044	\$0.0021		
General Service 50 to 4,999 kW	kW	\$1.7987	\$0.8304		
Unmetered Scattered Load	kWh	\$0.0044	\$0.0021		
Sentinel Lighting	kW	\$1.3633	\$0.6554		
Street Lighting	kW	\$1.3564	\$0.6420		

ORPC proposed to increase its Low Voltage (LV) charges by 0.3% and proposed to present the LV rate on a distinct line item on the tariff sheet. Board approved ORPC's proposed LV charges as requested.

Board staff noted that Ottawa River Power Corporation's proposed loss factor was a significant decrease from its currently approved TLF of 5.7% The Board approved ORPC's proposed total loss factor of 3.9%.

Ottawa River Power Corporation proposed a decrease in the Wholesale Market Service charge from the standard \$ 0.0052/kWh to \$ 0.0022/kWh to mitigate the over-collecting of this charge, due to the paying of a lower rate to Brookfield Power for the power purchased from them. The Board approved this charge.

#### Smart Meter Adder

As approved, Renfrew will implement a utility-specific smart meter funding adder of \$1.54 per metered customer per month as approved by the Board

#### MicroFIT Generator Service Classification and Rate

As part of its draft Rate Order, Renfrew has identified the MicroFIT Generator service classification on its Tariff of Rates and Charges and included the currently approved monthly service charge of \$5.25.

#### F. DEFERRAL AND VARIANCE ACCOUNTS

Ottawa River Power Corporation confirms that it will dispose of the balances specified in the Decision in the manner directed by the Board in the Decision. Group 1 and Group 2 accounts will be transferred to Account 1595 Disposition and Recovery of regulatory Balances Control Account by December 31, 2010 so that the Reporting and Record-keeping Requirements ("RRR") data reported in the first quarter of 2011 reflects these adjustments.

ORPC also confirms that it will dispose of its balances at December 31, 2009, including interest up to April 30 2010, over a period of 28 months as per directed by the Board. The balance of the Global Adjustment sub-account, in the amount of \$514,052 will be also be disposed of over the same 28 month period.

Both VECC and Board Staff approved of ORPC's recommendation to record the actual amounts of PST paid in the first six month of 2010 in a deferral account and dispose of this balance at a later date. The Board approved the new deferral account as requested. Supporting evidence of the implementation of Board's directions is presented at Appendix D

#### G. IMPLEMENTATION OF RATES

Please note that the 2010 Rate Base and Revenue Requirement has not changed as a result of the December 15, 2010 Decision and Order. The only changes pertain to the Deferral and Variance Account Rate. As discussed at section A of this Draft Rate Order, Ottawa River Power Corporation proposes to implement its new rates January 1, 2011.

ORPC poses no objections to VECC's request for cost award.

~ Respectfully submitted ~

## Appendix A

## Tariffs of Rates and Charges

## **Schedule of Rates and Charges**

## Monthly Rates and Charges

		Effective Jan 1 2011
Residential		
Service Charge Smart Meter Rate Adder - Effective until April 30, 2012 Distribution Volumetric Rate Low Voltage Service Rate Deferral Account Rate Rider - effective until April 30, 2013 Global Adjustment Rate Rider (non-RPP accounts) - effective until April 30, 2013 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	10.95 1.54 0.0152 0.0011 (0.0197) 0.0045 0.0048 0.0023 0.0022 0.0013 0.25
General Service Less Than 50 kW		
Service Charge Smart Meter Rate Adder - Effective until April 30, 2012 Distribution Volumetric Rate Low Voltage Service Rate Deferral Account Rate Rider - effective until April 30, 2013 Global Adjustment Rate Rider (non-RPP accounts) - effective until April 30, 2013 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	22.41 1.54 0.0103 0.0010 (0.0067) 0.0045 0.0044 0.0021 0.0022 0.0013 0.25
General Service 50 to 4,999 kW		
Service Charge Smart Meter Rate Adder - Effective until April 30, 2012 Distribution Volumetric Rate Low Voltage Service Rate Deferral Account Rate Rider - effective until April 30, 2013 Global Adjustment Rate Rider (non-RPP accounts) - effective until April 30, 2013 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$/kW \$/kW \$/kWh \$/kWh \$/kW \$/kWh \$/kWh	369.56 1.54 0.6331 0.3954 (1.2203) 0.0045 1.7987 0.8304 0.0022 0.0013 0.25

## **Schedule of Rates and Charges**

## Monthly Rates and Charges

		Effective Jan 1 2011
Unmetered Scattered Load		
Service Charge Distribution Volumetric Rate Low Voltage Service Rate Deferral Account Rate Rider - effective until April 30, 2013 Global Adjustment Rate Rider (non-RPP accounts) - effective until April 30, 2013 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	6.10 0.0020 0.0010 (0.0097) 0.0045 0.0044 0.0021 0.0022 0.0013 0.25
Sentinel Lighting		
Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Deferral Account Rate Rider - effective until April 30, 2013 Global Adjustment Rate Rider (non-RPP accounts) - effective until April 30, 2013 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$/kW \$/kW \$/kW \$/kWh \$/kW \$/kWh \$/kWh	2.54 7.6910 0.3121 (8.5016) 0.0045 1.3633 0.6554 0.0022 0.0013 0.25
Street Lighting		
Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Deferral Account Rate Rider - effective until April 30, 2013 Global Adjustment Rate Rider (non-RPP accounts) - effective until April 30, 2013 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$/kW \$/kW \$/kW \$/kWh \$/kW \$/kWh \$/kWh	1.48 4.6794 0.3057 0.8857 0.0045 1.3564 0.6420 0.0022 0.0013 0.25
microFIT Generator Service (effective September 21, 2009)		
Service Charge	\$	5.25

## **Schedule of Rates and Charges**

## Monthly Rates and Charges

		Effective Jan 1 2011
Specific Service Charges		
Arrears Certificate	\$	15.00
Account history	\$ \$ \$	15.00
Returned Cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge / change of occupancy charge	\$	30.00
Late Payment - per month	%	1.50
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Retailer Service Agreement standard charge	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	100.00
Retailer Service Agreement monthly fixed charge (per retailer)	\$	20.00
Retailer Service Agreement monthly variable charge (per customer)	\$	0.50
Distributor-Consolidated Billing monthly charge (per customer)	\$	0.30
Retailer-Consolidated Billing monthly credit (per customer)	\$	-0.30
Service Transaction Request request fee (per request)	\$	0.25
Service Transaction Request processing fee (per processed request)	\$	0.50
Allowances		
Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for transformer losses – applied to measured demand	\$/kW	-0.60
and energy	%	-1.00
LOSS FACTORS		
Secondary Metered Customer < 5,000 kW		1.0390
Primary Metered Customer < 5,000 kW		1.0286

# Appendix B Summary and Detailed Customer Bill Impacts

## F9 Bill Impact Summary

Volume		RPP	Distribution Charges *		Delivery Sub-total		Total Bill		
<b>Customer Class Name</b>	kWh	kW	Rate Class	\$ change	% change	\$ change	% change	\$ change	% change
Residential	800		Summer	\$3.90	18.0%	(\$14.24)	(47.6%)	(\$17.79)	(19.6%)
	1,000		Winter	\$4.74	19.7%	(\$17.94)	(52.1%)	(\$22.37)	(20.7%)
General Service Less Than 50 kW	2,000		Non-res.	\$6.54	16.3%	(\$12.18)	(20.7%)	(\$21.04)	(9.7%)
General Service 50 to 4,999 kW	45,900	120	Non-res.	(\$26.90)	(5.2%)	(\$285.37)	(30.1%)	(\$488.82)	(10.3%)
Unmetered Scattered Load	500		Non-res.	(\$18.96)	(71.4%)	(\$25.14)	(80.4%)	(\$27.28)	(40.2%)
Sentinel Lighting	102	0.29	n/a	\$2.26	86.2%	(\$0.45)	(13.0%)	(\$0.90)	(7.5%)
Street Lighting	76	0.22	n/a	\$1.09	74.6%	\$1.13	55.4%	\$0.79	9.5%

<sup>\*</sup> Includes Low Voltage charges

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## F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Enter example volumes in kWh's (and kW's if applicable) for each customer class

Resident	tial	RPP:	Summer							
800	kWh's			2009 BILL			2010 BILL		CHANGE	IMPACT
		Metric	Volume	Rate	Charge	Volume	Rate	Charge	\$	%
†	Monthly Service Charge				\$11.95			\$12.49	\$0.54	4.5%
†	Distribution	kWh	800	\$0.0121	\$9.68	800	\$0.0163	\$13.04	\$3.36	34.7%
	Sub-Total (Distribution)				\$21.63			\$25.53	\$3.90	18.0%
†	Deferral/Variance	kWh	800			800	(\$0.0197)	(\$15.76)	(\$15.76)	
	Electricity (Commodity)	kWh	846	RPP-Summer	\$51.25	831	RPP-Summer	\$50.29	(\$0.96)	(1.9%)
†	Transmission - Network	kWh	846	\$0.0045	\$3.80	831	\$0.0048	\$3.99	\$0.19	5.0%
†	Transmission - Connection	kWh	846	\$0.0053	\$4.48	831	\$0.0023	\$1.91	(\$2.57)	(57.4%)
	Wholesale Market Service	kWh	846	\$0.0052	\$4.40	831	\$0.0022	\$1.83	(\$2.57)	(58.4%)
	Rural Rate Protection	kWh	846	\$0.0013	\$1.10	831	\$0.0013	\$1.08	(\$0.02)	(1.8%)
	Debt Retirement Charge	kWh	800	\$0.0049	\$3.92	800	\$0.0049	\$3.92		
	TOTAL BILL				\$90.58			\$72.79	(\$17.79)	(19.6%)
†	Delivery Only				\$29.91			<i>\$15.67</i>	(\$14.24)	(47.6%)

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## F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Enter example volumes in kWh's (and kW's if applicable) for each customer class

Resident	<u>ial</u>	RPP:	Winter							
1,000	kWh's			2009 BILL			2010 BILL		CHANGE I	MPACT
		Metric	Volume	Rate	Charge	Volume	Rate	Charge	\$	%
†	Monthly Service Charge				\$11.95			\$12.49	\$0.54	4.5%
†	Distribution	kWh	1,000	\$0.0121	\$12.10	1,000	\$0.0163	\$16.30	\$4.20	34.7%
	Sub-Total (Distribution)				\$24.05			\$28.79	\$4.74	19.7%
†	Deferral/Variance	kWh	1,000			1,000	(\$0.0197)	(\$19.70)	(\$19.70)	
	Electricity (Commodity)	kWh	1,057	RPP-Winter	\$61.81	1,039	RPP-Winter	\$60.61	(\$1.20)	(1.9%)
†	Transmission - Network	kWh	1,057	\$0.0045	\$4.76	1,039	\$0.0048	\$4.99	\$0.23	4.8%
†	Transmission - Connection	kWh	1,057	\$0.0053	\$5.60	1,039	\$0.0023	\$2.39	(\$3.21)	(57.3%)
	Wholesale Market Service	kWh	1,057	\$0.0052	\$5.50	1,039	\$0.0022	\$2.29	(\$3.21)	(58.4%)

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## F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Enter example volumes in kWh's (and kW's if applicable) for each customer class

	Rural Rate Protection Debt Retirement Charge	kWh kWh	1,057 1,000	\$0.0013 \$0.0049	\$1.37 \$4.90	1,039 1,000	\$0.0013 \$0.0049	\$1.35 \$4.90	(\$0.02)	(1.5%)
	TOTAL BILL				\$107.99			\$85.62	(\$22.37)	(20.7%)
F	Dolivory Only		·		¢21 11			¢16.47	(\$17 QA)	(52.1%)

† Delivery Only *\$16.47 \$34.41* (\$17.94) (52.1%)

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## F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Enter example volumes in kWh's (and kW's if applicable) for each customer class

General	Service L	ess Than	50 kW	RPP:	Non-res.
acriciar	OCI VIOC E	COO IIIUII	00 111		11011103.

,000	kWh's			2009 BILL			2010 BILL		CHANGE I	MPACT
		Metric	Volume	Rate	Charge	Volume	Rate	Charge	\$	%
†	Monthly Service Charge				\$23.41			\$23.95	\$0.54	2.3%
†	Distribution	kWh	2,000	\$0.0083	\$16.60	2,000	\$0.0113	\$22.60	\$6.00	36.1%
	Sub-Total (Distribution)				\$40.01			\$46.55	\$6.54	16.3%
†	Deferral/Variance	kWh	2,000			2,000	(\$0.0067)	(\$13.40)	(\$13.40)	
	Electricity (Commodity)	kWh	2,114	RPP-Non-res.	\$134.87	2,078	RPP-Non-res.	\$132.48	(\$2.39)	(1.8%)
†	Transmission - Network	kWh	2,114	\$0.0041	\$8.67	2,078	\$0.0044	\$9.14	\$0.47	5.4%
†	Transmission - Connection	kWh	2,114	\$0.0048	\$10.15	2,078	\$0.0021	\$4.36	(\$5.79)	(57.0%)
	Wholesale Market Service	kWh	2,114	\$0.0052	\$10.99	2,078	\$0.0022	\$4.57	(\$6.42)	(58.4%)
	Rural Rate Protection	kWh	2,114	\$0.0013	\$2.75	2,078	\$0.0013	\$2.70	(\$0.05)	(1.8%)
	Debt Retirement Charge	kWh	2,000	\$0.0049	\$9.80	2,000	\$0.0049	\$9.80		
	TOTAL BILL				\$217.24			\$196.20	(\$21.04)	(9.7%)
+	Dolivory Only		·		<b>¢</b> E0 00			Φ16 6E	(¢10 10)	(20.70/)

† Delivery Only \$58.83 \$46.65 (\$12.18) (20.7%)

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## F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

**CHANGE IMPACT** 

Enter example volumes in kWh's (and kW's if applicable) for each customer class

2009 BILL

General Service 50 to 4,999 kW	RPP:	Non-res.
45,900 kWh's		
120 kW's	Metric	Volume
Monthly Service Charge		

120	kW's	Metric	Volume	Rate	Charge	Volume	Rate	Charge	\$	%
†	Monthly Service Charge				\$271.28			\$371.10	\$99.82	36.8%
†	Distribution	kW	120	\$2.0845	\$250.14	120	\$1.0285	\$123.42	(\$126.72)	(50.7%)
	Sub-Total (Distribution)				\$521.42			\$494.52	(\$26.90)	(5.2%)
†	Deferral/Variance	kW	120			120	(\$1.2203)	(\$146.44)	(\$146.44)	
	Electricity (Commodity)	kWh	48,512	RPP-Non-res.	\$3,243.53	47,690	RPP-Non-res.	\$3,188.49	(\$55.04)	(1.7%)
†	Transmission - Network	kW	120	\$1.6741	\$200.89	120	\$1.7987	\$215.84	\$14.95	7.4%
†	Transmission - Connection	kW	120	\$1.8886	\$226.63	120	\$0.8304	\$99.65	(\$126.98)	(56.0%)
	Wholesale Market Service	kWh	48,512	\$0.0052	\$252.26	47,690	\$0.0022	\$104.92	(\$147.34)	(58.4%)
	Rural Rate Protection	kWh	48,512	\$0.0013	\$63.07	47,690	\$0.0013	\$62.00	(\$1.07)	(1.7%)
	Debt Retirement Charge	kWh	45,900	\$0.0049	\$224.91	45,900	\$0.0049	\$224.91		
	_									
	TOTAL BILL				\$4,732.71			\$4,243.89	(\$488.82)	(10.3%)

2010 BILL

† Delivery Only \$948.94 \$663.57 (\$285.37) (30.1%)

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## Appendix C

## Revenue Requirement Work Form

Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

		Data Input					
		Application		Adjustments	Per Board Decision		
1	Rate Base						
	Gross Fixed Assets (average) Accumulated Depreciation (average)	\$24,712,092 (\$16,005,790)	(4) (5)		\$24,712,092 (\$16,005,790)		
	Allowance for Working Capital: Controllable Expenses Cost of Power	\$2,570,853 \$16,212,879	(6)		\$2,570,853 \$16,212,879		
	Working Capital Rate (%)	15.00%			15.00%		
2	Utility Income Operating Revenues: Distribution Revenue at Current Rates	\$3,554,741					
	Distribution Revenue at Proposed Rates Other Revenue:	\$3,955,284					
	Specific Service Charges Late Payment Charges	\$47,325 \$45,000					
	Other Distribution Revenue Other Income and Deductions	\$84,643 \$191,000					
	Operating Expenses:	40.000.700			40,000,700		
	OM+A Expenses Depreciation/Amortization	\$2,600,768 \$791,805			\$2,600,768 \$791,805		
	Property taxes	(\$29,915)			(\$29,915)		
	Capital taxes	(\$27,750)					
	Other expenses						
3	Taxas/PILs Taxable Income:						
	Adjustments required to arrive at taxable income Utility Income Taxes and Rates:	(\$155,352)	(3)				
	Income taxes (not grossed up) Income taxes (grossed up)	\$47,790					
	Capital Taxes	\$56,893 (\$27,750)	а				
	Federal tax (%)	11.00%	<u> </u>				
	Provincial tax (%)	5.00%					
	Income Tax Credits	\$ -					
4	Capitalization/Cost of Capital Capital Structure:						
	Long-term debt Capitalization Ratio (%)	56.0%					
	Short-term debt Capitalization Ratio (%)	4.0%	(2)			(2)	
	Common Equity Capitalization Ratio (%) Prefered Shares Capitalization Ratio (%)	40.0% 0.0%					
	Trefered Strates Sapitalization Hatto (76)	0.078			Capital Structure must total 100%		
	Cost of Capital						
	Long-term debt Cost Rate (%)	7.25%					
	Short-term debt Cost Rate (%) Common Equity Cost Rate (%)	2.07% 9.85%					
	Prefered Shares Cost Rate (%)	0.00%					
		2.0070					

#### Notes:

This input sheet provides all inputs needed to complete sheets 1 through 6 (Rate Base through Revenue Requirement), except for Notes that the utility may wish to use to support the components. Notes should be put on the applicable pages to understand the

- All inputs are in dollars (\$) except where inputs are individually identified as percentages (%) 4.0% unless an Applicant has proposed or been approved for another amount.

  Net of addbacks and deductions to arrive at taxable income.

- Average of Gross Fixed Assets at beginning and end of the Test Year
- (1) (2) (3) (4) (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- Not Capital Tax; reflects apprenticeship tax credits



Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

				Rate Base	
Line No.	Particulars	_	Application	Adjustments	Per Board Decision
1 2 3 4 5	Gross Fixed Assets (average) Accumulated Depreciation (average) Net Fixed Assets (average) Allowance for Working Capital  Total Rate Base	(3) —(3) (3) —(1)	\$24,712,092 (\$16,005,790) \$8,706,302 \$2,817,560 \$11,523,862	\$ - \$ - \$ - \$ - \$ -	\$24,712,092 (\$16,005,790) \$8,706,302 \$2,817,560 \$11,523,862
	(1) Allowance fo	or Worki	ng Capital - Derivation		
6 7 8	Controllable Expenses Cost of Power Working Capital Base	_	\$2,570,853 \$16,212,879 \$18,783,732	\$ - \$ - \$ -	\$2,570,853 \$16,212,879 \$18,783,732
9	Working Capital Rate %	(2)	15.00%		15.00%
10	Working Capital Allowance		\$2,817,560	\$ -	\$2,817,560

### **Notes**

Generally 15%. Some distributors may have a unique rate due as a result of a lead-lag study.

(3) Average of opening and closing balances for the year.



Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

				Utility income	me			
Line No.	Particulars	_	Application	Adjustments	Per Board Decision			
1 2	Operating Revenues: Distribution Revenue (at Proposed Rates) Other Revenue	(1)	\$3,955,284 \$367,968	\$ - \$ -	\$3,955,284 \$367,968			
3	Total Operating Revenues		\$4,323,252	\$ -	\$4,323,252			
4 5 6 7 8 9 10 11 12	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense Subtotal Deemed Interest Expense Total Expenses (lines 4 to 10) Utility income before income taxes Income taxes (grossed-up)		\$2,600,768 \$791,805 (\$29,915) a (\$27,750) \$ - \$3,334,908 \$477,411 \$3,812,319 \$510,933	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$2,600,768 \$791,805 (\$29,915) (\$27,750) \$- \$3,334,908 \$477,411 \$3,812,319 \$510,933			
14	Utility net income	:	\$454,040	<u> </u>	\$454,040			
Notes								
a b	Other Revenues / Revenue Offsets Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions  Total Revenue Offsets  Reflects full-year savings from elimination o Reflects apprenticeship tax credits	· ·f PST	\$47,325 \$45,000 \$84,643 \$191,000 \$367,968		\$47,325 \$45,000 \$84,643 \$191,000 \$367,968			



Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

	Taxes/PILs		
Line No.	Particulars	Application	Per Board Decision
	<u>Determination of Taxable Income</u>		
1	Utility net income	\$454,040	\$454,040
2	Adjustments required to arrive at taxable utility income	(\$155,352)	(\$155,352)
3	Taxable income	\$298,688	\$298,688
	Calculation of Utility income Taxes		
4 5	Income taxes Capital taxes	\$47,790 (\$27,750) a	\$47,790 (\$27,750)
6	Total taxes	\$20,040	\$20,040
7	Gross-up of Income Taxes	\$9,103	\$9,103
8	Grossed-up Income Taxes	\$56,893	\$56,893
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$29,143	\$29,143
10	Other tax Credits	\$ -	\$ -
	Tax Rates		
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	11.00% 5.00% 16.00%	11.00% 5.00% 16.00%
Notes a	Reflects apprenticeship tax credits		



Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

## **Capitalization/Cost of Capital**

Particulars	Capitalization Ratio		Cost Rate	Return
		Application		
	(%)	(\$)	(%)	(\$)
Debt				
Long-term Debt	56.00%	\$6,453,362	7.25%	\$467,869
Short-term Debt	4.00%	\$460,954	2.07%	\$9,542
Total Debt	60.00%	\$6,914,317	6.90%	\$477,411
Equity				
Common Equity	40.00%	\$4,609,545	9.85%	\$454,040
Preferred Shares	0.00%	\$ -	0.00%	\$ -
Total Equity	40.00%	\$4,609,545	9.85%	\$454,040
Total	100%	\$11,523,862	8.08%	\$931,451
Total		\$11,523,862 or Board Decision	8.08%	\$931,451
Total			8.08%	\$931,451
Debt	Pe	r Board Decision		\$931,451
	Pe	r Board Decision		\$931,451 \$467,869
Debt	Pε (%)	er Board Decision (\$)	(%)	
Debt Long-term Debt	(%) 56.00%	r Board Decision (\$) \$6,453,362	(%) 7.25%	\$467,869
Debt Long-term Debt Short-term Debt	(%) 56.00% 4.00%	\$6,453,362 \$460,954	(%) 7.25% 2.07%	\$467,869 \$9,542
Debt Long-term Debt Short-term Debt Total Debt  Equity	(%) 56.00% 4.00%	\$6,453,362 \$460,954	(%) 7.25% 2.07%	\$467,869 \$9,542
Debt Long-term Debt Short-term Debt Total Debt	(%) 56.00% 4.00% 60.00%	\$6,453,362 \$460,954 \$6,914,317	(%) 7.25% 2.07% 6.90%	\$467,869 \$9,542 \$477,411
Debt Long-term Debt Short-term Debt Total Debt  Equity Common Equity	(%) 56.00% 4.00% 60.00%	\$6,453,362 \$460,954 \$6,914,317	(%) 7.25% 2.07% 6.90%	\$467,869 \$9,542 \$477,411 \$454,040

### Notes (1)

4.0% unless an Applicant has proposed or been approved for another amount.



Ontario

REVENUE REQUIREMENT WORK FORM
Name of LDC: Ottawa River Power Corporation

EB-2009-0165 File Number:

Rate Year: 2010

### Revenue Sufficiency/Deficiency

## **Per Application**

### **Per Board Decision**

Line	Particulars	At Current	At Proposed	At Current	At Proposed
No.		<b>Approved Rates</b>	Rates	<b>Approved Rates</b>	Rates
_					
1	Revenue Deficiency from Below		\$400,543		\$400,543
2	Distribution Revenue	\$3,554,741	\$3,554,741	\$3,554,741	\$3,554,741
3	Other Operating Revenue Offsets - net	\$367,968	\$367,968	\$367,968	\$367,968
4	Total Revenue	\$3,922,709	\$4,323,252	\$3,922,709	\$4,323,252
_	0 " =			*****	** ** * * * * * * * * * * * * * * * * *
5	Operating Expenses	\$3,334,908	\$3,334,908	\$3,334,908	\$3,334,908
6	Deemed Interest Expense	\$477,411	\$477,411	\$477,411	\$477,411
	Total Cost and Expenses	\$3,812,319	\$3,812,319	\$3,812,319	\$3,812,319
7	Utility Income Before Income Taxes	\$110,390	\$510,933	\$110,390	\$510,933
8	Tax Adjustments to Accounting Income per 2009 PILs	(\$155,352)	(\$155,352)	(\$155.050)	(\$155,352)
9	Taxable Income	(\$44,962)	\$355,581	(\$155,352) (\$44,962)	\$355,581
9	Taxable income	(\$44,962)	φ333,361	(\$44,962)	φουσ,υσ ι
10	Income Tax Rate	16.00%	16.00%	16.00%	16.00%
11	Income Tax on Taxable Income	(\$7,194)	\$56,893	(\$7,194)	\$56,893
12	Income Tax Credits	\$ -	\$ -	\$ -	\$ -
13	Utility Net Income	\$117,584	\$454,040	\$117,584	\$454,040
	•				
14	Utility Rate Base	\$11,523,862	\$11,523,862	\$11,523,862	\$11,523,862
	Deemed Equity Portion of Rate Base	\$4,609,545	\$4,609,545	\$4,609,545	\$4,609,545
15	Income/Equity Rate Base (%)	2.55%	9.85%	2.55%	9.85%
16	Target Return - Equity on Rate Base	9.85%	9.85%	9.85%	9.85%
	Sufficiency/Deficiency in Return on Equity	-7.30%	0.00%	-7.30%	0.00%
17	Indicated Rate of Return	5.16%	8.08%	5.16%	8.08%
18	Requested Rate of Return on Rate Base	8.08%	8.08%	8.08%	8.08%
19	Sufficiency/Deficiency in Rate of Return	-2.92%	0.00%	-2.92%	0.00%
20	Target Return on Equity	\$454,040	\$454,040	\$454,040	\$454,040
21	Revenue Sufficiency/Deficiency	\$336,456	\$ -	\$336,456	\$-
22	Gross Revenue Sufficiency/Deficiency	\$400,543 <b>(1</b> )	'	\$400,543 <b>(1</b>	*
22	Gross nevenue Sumciency/Denciency	φ400,343 <b>(1</b>	)	Φ400,343 <b>(1</b>	,

#### Notes:

Revenue Sufficiency/Deficiency divided by (1 - Tax Rate) (1)



Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

## **Revenue Requirement**

Particulars	Application	Per Board Decision
OM&A Expenses	\$2,600,768	\$2,600,768
Amortization/Depreciation	\$791,805	\$791,805
Property Taxes	(\$29,915)	(\$29,915)
Capital Taxes	(\$27,750)	(\$27,750)
Income Taxes (Grossed up)	\$56,893	\$56,893
Other Expenses Return	\$ -	\$
Deemed Interest Expense	\$477,411	\$477,411
Return on Deemed Equity	\$454,040	\$454,040
Distribution Revenue Requirement		
before Revenues	\$4,323,252	\$4,323,252
Distribution revenue	\$3,955,284	\$3,955,284
Other revenue	\$367,968	\$367,968
Total revenue	\$4,323,252	\$4,323,252
Difference (Total Revenue Less Distribution Revenue Requirement		
before Revenues)	\$ - <b>(1</b>	\$

## **Notes**

(1) Line 11 - Line 8



Name of LDC: Ottawa River Power Corporation

File Number: EB-2009-0165

Rate Year: 2010

		Selected Delivery Charge and Bill Impacts Per Draft Rate Order									
		Мо	Monthly Delivery Charge						Total	Bill	
			Per Draft		Cha	nge			Per Draft	Cha	nge
		Current	Rate Order		\$	%		Current	Rate Order	\$	%
Residential	800 kWh/month			\$	-					\$ -	
GS < 50kW	2000 kWh/month			\$	,					\$ -	

N	ot	tes	;

## Appendix D

Calculation of Deferral and Variance Rate Rider

## **C6** Proposed Deferral /Variance Account Balance Recoveries

Deferral / Variance Account	Recover Balance as at?	Additional Interest to 30 Apr/10?	Balance for Recovery <sup>1</sup>	Additional Interest for Recovery	Total Recovery Amount
1508-Other Regulatory Assets	31-Dec-09	YES	131,962	205	132,167
1525-Miscellaneous Deferred Debits	No Recovery				
1550-LV Variance Account	31-Dec-09	YES	311,683	531	312,214
1555-Smart Meters Capital Variance Account	No Recovery				
1556-Smart Meters OM&A Variance Account	No Recovery				
1562-Deferred Payments in Lieu of Taxes	No Recovery				
1565-Conservation and Demand Management Expenditures	No Recovery				
and Recoveries	NO necovery				
1566-CDM Contra Account	No Recovery				
1570-Qualifying Transition Costs	No Recovery				
1571-Pre-market Opening Energy Variance	No Recovery				
1572-GLOBAL ADJUSTMENT	No Recovery				
1580-RSVAWMS	31-Dec-09	YES	-2,099,377	-3,550	-2,102,927
1582-RSVAONE-TIME	No Recovery				
1584-RSVANW	31-Dec-09	YES	-299,451	-444	-299,894
1586-RSVACN	31-Dec-09	YES	-1,498,181	-2,605	-1,500,786
1588-RSVAPOWER	31-Dec-09	YES	-1,258,370	-2,148	-1,260,518
1592-2006 PILs/Taxes Variance	No Recovery				
Sub-Total for Recovery					-4,719,744
1590-Recovery of Regulatory Asset Balances (residual)	31-Dec-09	YES	-125,991	-231	-126,222
Total Recoveries Required					-4,845,967
Annual Recovery Amounts # years:	2.34				-2,070,926

<sup>&</sup>lt;sup>1</sup> per sheet B5, except account 1590 (sheet C5)

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<sup>&</sup>lt;sup>2</sup> Interest Rate = 0.55% per sheet Y1

<sup>&</sup>lt;sup>3</sup> Recorded in USA #4405 per sheet C5

## **C6** Proposed Deferral /Variance Acc

	31 Dec/09	31 Dec/10	2009	2010
Deferral / Variance Account	Projected	Projected	Projected	Projected
	Balance	Balance	Interest <sup>2</sup>	Interest <sup>2</sup>
1508-Other Regulatory Assets	131,962	409	-1,271	-614
1525-Miscellaneous Deferred Debits	-0	-0	0	0
1550-LV Variance Account	311,683	1,061	-3,292	-1,592
1555-Smart Meters Capital Variance Account	638,309	641,747	-7,109	-3,437
1556-Smart Meters OM&A Variance Account	126,004	126,677	-1,392	-673
1562-Deferred Payments in Lieu of Taxes	-151,911	-152,594	1,413	683
1565-Conservation and Demand Management Expenditures	0	0		
and Recoveries	U	U		
1566-CDM Contra Account	-0	-0		
1570-Qualifying Transition Costs	-0	-0	0	0
1571-Pre-market Opening Energy Variance	-0	-0		
1572-GLOBAL ADJUSTMENT	513,174	515,808	-5,448	-2,634
1580-RSVAWMS	-2,099,377	-7,099	22,023	10,649
1582-RSVAONE-TIME	-0	-0		
1584-RSVANW	-299,451	-887	2,751	1,331
1586-RSVACN	-1,498,181	-5,209	16,160	7,814
1588-RSVAPOWER	-1,258,370	-4,296	13,314	6,444
1592-2006 PILs/Taxes Variance	-871,182	-875,920	9,800	4,738
Sub-Total for Recovery	-4,457,340	239,697	46,949	22,707
1590-Recovery of Regulatory Asset Balances (residual)	-125,991	-3,465,812	1,216	694
Total Recoveries Required				-3,797
Annual Recovery Amounts # years:				
		Interest Totals: 3	48,166	19,604

<sup>&</sup>lt;sup>1</sup> per sheet B5, except account 1590 (sheet C5)

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<sup>&</sup>lt;sup>2</sup> Interest Rate = 0.55% per sheet Y1

<sup>&</sup>lt;sup>3</sup> Recorded in USA #4405 per sheet C5

Deferral / Variance Account	Total Recovery Amount	Allocation Basis	Residential	General Service Less Than 50 kW	General Service 50 to 4,999 kW	Unmetered Scattered Load
1508-Other Regulatory Assets	132,167	Distribution Revenue (existing rates)	74,324	23,489	31,682	811
1550-LV Variance Account	312,214	kWh's	125,365	56,890	125,046	690
1572-GLOBAL ADJUSTMENT		2009 Non-RPP, Non- MUSH kWh's				
1580-RSVAWMS	-2,102,927	kWh's	-844,400	-383,182	-842,249	-4,649
1584-RSVANW	-299,894	kWh's	-120,418	-54,645	-120,112	
1586-RSVACN	-1,500,786	kWh's	-602,619	-273,464	-601,084	-3,318
1588-RSVAPOWER	-1,260,518	kWh's	-506,143	-229,683	-504,854	
Sub-Total for recovery	-4,719,744		-1,873,892	-860,595	-1,911,571	-9,915
1590-Recovery of Regulatory Asset Balances (residual)	-126,222	2006 EDR Approved Recoveries	-1,790,960	295,070	1,306,812	
Total Recoveries Required (2.34 years)	-4,845,967		-3,664,852	-565,525	-604,758	-9,915
Annual Recovery Amounts	-2,070,926		-1,566,176	-241,677	-258,444	-4,237
Annual Volume			79,547,654	36,098,055	211,781	437,952
Proposed Rate Rider per			<b>(\$0.0197)</b> kWh	<b>(\$0.0067)</b> kWh	( <b>\$1.2203</b> ) kW	<b>(\$0.0097)</b> kWh

<sup>1</sup> per sheet C6

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Deferral / Variance Account	Total Recovery Amount	Allocation Basis	Sentinel Lighting	Street Lighting
1508-Other Regulatory Assets	132,167	Distribution Revenue (existing rates)	237	1,624
1550-LV Variance Account	312,214	kWh's	418	3,805
1572-GLOBAL ADJUSTMENT		2009 Non-RPP, Non- MUSH kWh's		
1580-RSVAWMS	-2,102,927	kWh's	-2,817	-25,630
1584-RSVANW	-299,894	kWh's	-402	-3,655
1586-RSVACN	-1,500,786	kWh's	-2,010	-18,291
1588-RSVAPOWER	-1,260,518	kWh's	-1,688	-15,363
Sub-Total for recovery	-4,719,744		-6,262	-57,510
1590-Recovery of Regulatory Asset Balances (residual)	-126,222	2006 EDR Approved Recoveries	-8,857	71,712
Total Recoveries Required (2.34 years)	-4,845,967		-15,119	14,202
Annual Recovery Amounts	-2,070,926		-6,461	6,069
Annual Volume			760	6,853
Proposed Rate Rider per			(\$8.5016) kW	<b>\$0.8857</b> kW

1 per sheet C6

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Allocators	Data Source	2010 Projection Total	Residential	General Service Less Than 50 kW	General Service 50 to 4,999 kW	Unmetered Scattered Load
Customers / Connections	C1	13,371	8,895	1,391	144	73
kWh's	C1	198,108,544	79,547,654	36,098,055	79,345,026	437,952
Distribution Revenue (existing rates)	C4	3,789,939	2,131,264	673,547	908,501	23,266
Distribution Revenue (proposed rates)	F4	3,955,284	2,371,526	743,619	742,318	6,206
Transmission Connection Revenue	C2	450,574	190,095	78,762	175,863	956
2009 Non-RPP, Non-MUSH kWh's	ElecPrice	48,935,564	8,642,886	2,796,427	37,122,994	
2006 EDR Approved Recoveries	2006 EDR	11,597	164,555	-27,111	-120,071	
Approved Recoveries	C5					

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Allocators	Data Source	2010 Projection Total	Sentinel Lighting	Street Lighting
Customers / Connections	C1	13,371	216	2,653
kWh's	C1	198,108,544	265,370	2,414,487
Distribution Revenue (existing rates)	C4	3,789,939	6,802	46,558
Distribution Revenue (proposed rates)	F4	3,955,284	12,429	79,186
Transmission Connection Revenue	C2	450,574	498	4,400
2009 Non-RPP, Non-MUSH kWh's	ElecPrice	48,935,564	34,234	339,023
2006 EDR Approved Recoveries	2006 EDR	11,597	814	-6,589
	<u></u>			
	<u></u>			
	<u></u>			
Approved Recoveries	C5			

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## **Global Adjustment Rate Rider**

Per Sheet B5:	Principal	Interest	Total
Balance for Recovery (31-Dec-2009):	478,933	34,241	513,174
Additional Interest to 30-Apr-2010		878	878
Total for Recovery	478,933	35,119	514,052
Years for Recovery			2.34
Annual Recovery			219,680
Non-RPP, non-MUSH kWh's (2009 Actual)			48,935,564
GA Rate Rider, per kWh *			\$0.0045

<sup>\*</sup> Applies to non-RPP, non-MUSH customers only

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