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# Status & Disposition of Deferral & Variance Accounts

### Ex.9/Tab 1/Sch.1 - Overview

Rideau St. Lawrence Distribution Inc. ("RSL") has included in this Cost of Service ("COS") Application, a request for approval for disposition of deferral and variance account ("DVA") balances as of December 31, 2014 and the forecasted interest through April 30, 2016.

The total amount of the variance requested for disposition, including the interest, is a credit of \$(274,363). All DVA balances are proposed to be disposed of over 1 year.

RSL confirms that it has followed the Board's guidance in the Accounting Procedures Handbook and FAQ's ("APH") for recording amounts in the deferral and variance accounts. Such guidance also includes the Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative ("EDDVAR Report").

RSL confirms that the account balance reconciles with the trial balance reported through the Electricity Reporting and Record-keeping Requirements and RSL's Audited Financial Statements for all accounts with exceptions which are explained in Ex.9/Tab 1/Sch.2 - Account Balance and Adjustments.

RSL has provided a DVA continuity schedule in Appendix of this Exhibit. A completed version of the Continuity Schedule has been submitted in working Microsoft Excel format.

The forecasted interest on December 31, 2014 principal balances of the DVAs is calculated using the Board's prescribed rate of 1.47% for the period of January 1, 2015 to March 31, 2015 and 1.10% from April 1, 2015 to April 30, 2016. The interest rates by quarter for each year are provided in Ex.9/Tab 1/Sch.3 - Interest Rates Applied.

RSL has not made any adjustments to DVA balances that were previously approved by the Board on a final basis in Cost of Service and/or IRM proceedings.

Rideau St. Lawrence Distribution Inc. EB-2015-0100 Exhibit 9 – Deferral and Variance Accounts Filed: October 21, 2016

As per the filing requirements, a breakdown of energy sales and cost of power expense balances, as reported in RSL's Audited Financial Statements, is provided in Ex.9/Tab 1/Sch.4.

# Ex.9/Tab 1/Sch.2 – Account Balance and Adjustments

Table 9.1 below contains a reconciliation of all the outstanding DVA values with the corresponding RRR DVA balances.

Table 9.1: December 31, 2014 Audited/RRR Balances – DVAs

Account Descriptions	USoA#	Closing Principal Balance as of Dec-31-14	Closing Interest Amounts as of Dec-31-14	2.1.7 RRR as of Dec 31-14	Variance RRR vs. 2014 Balance (Principal + Interest)
Group 1 Accounts					
LV Variance Account	1550	146,175	(51)	146,123	-1
Smart Metering Entity Charge Variance Account	1551	4,159	92	4,251	0
RSVA - Wholesale Market Service Charge	1580	(66,583)	(1,625)	(68,209)	0
RSVA - Retail Transmission Network Charge	1584	93,492	3,885	97,376	-1
RSVA - Retail Transmission Connection Charge	1586	(2,070)	(734)	(2,804)	0
RSVA - Power (excluding Global Adjustment)	1588	(61,995)	4,523	(57,472)	0
RSVA - Global Adjustment	1589	199,019	1,712	200,732	1
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	(0)	(2,900)	(2,900)	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	2,872	(1,357)	1,516	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	(543)	(2,311)	(2,854)	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	1,269	2,773	4,042	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	(49,933)	(68,506)	(118,439)	0
Group 2 Accounts					
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	19,925	1,434	21,357	-2
Retail Cost Variance Account - Retail	1518	(8,575)	(357)	(8,930)	1
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT	1592	(22,039)	(648)	(22,687)	0
LRAM Variance Account	1568	24,124	202	(15,939)	(40,265)
Retail Cost Variance Account - STR	1548	12,734	1,040	13,775	1
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital5	1555	39,469	1,956	41,426	1
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries	1555	449	(1,617)	(1,168)	(0)
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs5	1555	915	-	915	-
   IFRS-CGAAP Transition PP&E Amounts Balance + Return Component6	1575	(22,072)	-	(22,072)	0

# **Adjustments**

### LRAM Variance Account - 1568

The balance submitted for RRR filing and audited financial statements in 2014 included the OPA verified totals for Lost Revenue from 2012 and 2013 IESO programs. In the preparation of

the 2016 COS, RSL contracted Burman Energy Consultants Group Inc. (a third party energy consulting firm who specializes in CDM services) to calculate the LRAM with 2012 - 2014 final results from the IESO. Based on the calculation, an adjustment of \$39,934 to principal and \$331 to interest was made in the year 2014 to reflect the true-up LRAM amount for the period 2012 -2014. The total amount of adjustment is a net debit of \$40,265. For more information, please refer to Ex.4/Tab 6/Sch.2 – LRAMVA.

# Ex.9/Tab 1/Sch.3 - Interest Rates Applied

The interest rates applied to calculate the carrying charges for all regulatory deferral and variance accounts are the OEB's prescribed interest rates. Table 9.2 presents the historical Board prescribed interest rates from 2012 to 2016.

**Table 9.2: Interest Rates Applied to Deferral and Variance Accounts** 

Period	Interest Rate
Q1 2011 (Actual)	1.47%
Q2 2011 (Actual)	1.47%
Q3 2011 (Actual)	1.47%
Q4 2011 (Actual)	1.47%
Q1 2012 (Actual)	1.47%
Q2 2012 (Actual)	1.47%
Q3 2012 (Actual)	1.47%
Q4 2012 (Actual)	1.47%
Q1 2013 (Actual)	1.47%
Q2 2013 (Actual)	1.47%
Q3 2013 (Actual)	1.47%
Q4 2013 (Actual)	1.47%
Q1 2014 (Actual)	1.47%
Q2 2014 (Actual)	1.47%
Q3 2014 (Actual)	1.47%
Q4 2014 (Actual)	1.47%
Q1 2015 (Actual)	1.47%
Q2 2015 (Actual)	1.10%
Q3 2015 (Actual)	1.10%
Q4 2015 (Actual)	1.10%
Q1 2016 (Actual)	1.10%
Q2 2016 (Actual)	1.10%

# Ex.9/Tab 1/Sch.4 - Reconciliation of Energy Sales and Cost of Power Expenses

Energy sales and the cost of power expense by component are presented in Table 9.3 as reported in the Audited Financial Statements and the USoA within the RRR filing 2.1.7. RSL has no profit or loss resulting from the flow through of energy revenues and expenses. Any temporary variances are included in the RSVA balances.

Table 9.3: Reconciliation of Energy Sales and Cost of Power Expenses

Account Descriptions	USoA	2012	2013	2014
Energy Revenues				
Residential Energy Sales	4006	(3,235,551)	(3,470,827)	(3,818,092)
Commercial Energy Sales	4010	(1,485,889)	(1,576,280)	(1,751,465)
Industrial Energy Sales	4015	(2,642,316)	(3,028,148)	(3,564,996)
Street Lighting Energy Sales	4025	(89, 499)	(101,180)	(101,101)
Sentinel Lighting Energy Sales	4030	(8,489)	(8,799)	(9,818)
Energy Sales for Resale	4055	(1,004,475)	(1,054,458)	(984,758)
Billed WMS	4062	(590,268)	(593,701)	(659,216)
Billed NW	4066	(632,555)	(719,106)	(700,940)
Billed CN	4068	(510,913)	(497,989)	(596,000)
Billed - LV	4075	(199,373)	(262,892)	(137,500)
IESO Smart Meter Entity Billed	4076	-	(36,410)	(54,056)
Total		(10,399,327)	(11,349,790)	(12,377,941)
Financial Statement - Service Revenue		(10,399,327)	(11,349,790)	(12,377,941)
Variance		-	-	-
Cost of Power Expense				
Power Purchased	4705	8,466,218	9,239,692	7,560,951
Global Adjustment	4707	-	-	2,669,279
Charges-WMS	4708	590,268	593,701	659,216
Charges-NW	4714	632,555	719,106	700,940
Charges-CN	4716	510,913	497,989	596,000
Charges - LV	4750	199,373	262,892	137,500
IESO Smart Meter Entity Expenses	4751	-	36,410	54,056
Total		10,399,327	11,349,790	12,377,941
Financial Statement - Cost of Power		10,399,327	11,349,790	12,377,941
Variance		-	-	-

# Ex.9/Tab 1/Sch.5 - Pro-Rata of Global Adjustment into RPP/non-RPP

RSL confirms that it pro-rates the IESO Global Adjustment Charge into RPP and Non-RPP portions.

On a monthly basis, RSL determines the split between RPP and Non-RPP customers based on the percentage of kWh billed during the month. This percentage split is applied to the Global Adjustment charge from the IESO bill for the month, and the resulting RPP dollar amount for GA is moved to account 4705 (Energy) from account 4707 (Global Adjustment).

Annually, as part of RSL's year-end process, a complete reconciliation and true-up of Global Adjustment is completed, and an adjustment is recorded in the general ledger

Based on the newest OEB Chapter 2 Filing Requirements released July 16, 2015 RSL discloses the following additional information.

- 1) RSL confirms that it uses accrual accounting for its billing and payment of invoices.
- 2) RSL uses the 1st GA rate estimate when billing its customers in all rate classes.
- 3) RSL submits current month consumption data through the IESO 1598 filing that summarizes the metering data for Wholesale, Retail, Net System Load, and adjusting for microFIT embedded generation. All of this information is provided by RSL's settlement provider, UtiliSmart.
- 4) When the IESO invoice is received, based on the division of the RPP consumption and non-RPP consumption, the GA invoice amount is split between the cost of power and GA.
- 5) Having the final GA values on the IESO invoice also enables the calculation of variances from the information submitted in the 1598 filing. This information is then submitted as part of the 1598 filing to the IESO the following month.
- RSL does not serve any Class A customers. Therefore no custom allocation for recovery of the GA variance balance is required.

# Ex.9/Tab 1/Sch.6 - Account 1592, PILs & HST

Effective on July 1, 2010, this account includes the incremental ITCs that RSL received on distribution revenue requirement items that were previously subject to PST and had since become subject to HST. In its 2012 Cost of Service decision, RSL received approval for the disposition of \$11,644 (\$5,822 to RSL customers and a matching amount to RSL) representing the balance of Account 1592 PILs and Tax Variances for 2006 and Subsequent Years, Subaccount HST / OVAT Input Tax Credits (ITCs) as of December 31, 2010.

RSL continued to record the ITC variances in 2011 and 2012, up until the time that RSL's 2012 Cost of Service application was approved, with the ITC changes included in the rates, as shown in Table 9.4. RSL is requesting disposition of the amounts recorded to 1592 as described above.

Table 9.4 - Appendix 2-TB - PILS - HST/OVAT ITCs

			Appen	dix 2-TB					
A	ccount 15	92, PILs and	Tax Variar	ces for 200	06 and Subs	sequent Ye	ears,		
		Sub-accoun	t HST/OVA	T Input Tax	Credits (IT	Cs)			
The following table should be co	mpleted based o	on the information re	equested below. A	n explanation sh	ould be provided fo	or any blank entri	es.		
100% of the balance in Account table.	1592, PILs and	Tax Variances for	2006 and Subsequ	uent Years, Sub-a	account HST/OVA	T Input Tax Cred	its (ITCs), should be	e recorded in this	
		Summary of	of PST Savings fi	rom 2009 Histori	c Year Analysis				
	Principal 2010	Principal 2011	Principal 2012	Principal 2013	Principal 2014	Principal 2015	Principal Jan-April 2016 <sup>1</sup>	Carrying Charges to April 30, 2016	Total Account 1592, sub- account HST/OVAT Balance
OM&A Expenses PST Savings		-\$ 12,666	-\$ 9,373					-\$ 992	-\$ 23,031
Capital Items PST Savings									\$ -
Total Annual PST Savings <sup>2</sup>	\$ -	-\$ 12,666	-\$ 9,373	\$ -			\$ -	-\$ 992	-\$ 23,031

Of the total balance of 1592 Sub-account HST/OVAT, 50% (\$11,515) will be refundable to RSL customers, and is used as the basis for the rate rider calculation. Please see Table 9.17 for more information.

The OEB approved a deferral account for distributors to record one-time administrative incremental IFRS transition costs which were not already approved and included for recovery in distribution rates. These incremental costs were to be recorded in a sub-account of account 1508 - Other Regulatory Assets, Sub-account Deferred IFRS Transition Costs or Sub-account IFRS Transition Costs Variance.

RSL completed its conversion to IFRS in 2015. RSL has recorded its incremental costs in 1508. RSL is requesting recovery of an audited balance of \$21,669 in Sub-account Deferred IFRS Transition Costs, including carrying costs through April 30, 2016. As shown in Table 9.5 below, the costs are professional consulting fees

In addition, RSL incurred an incremental accounting fee of \$14,500 in 2016 for restating financial statements due to first time IFRS adoption. RSL is requesting to dispose of this amount in its next Cost of Service application.

All costs included in the account are fully incremental and RSL does not have any IFRS transition costs approved in its current rate structure. All costs in the account are one-time costs related directly to the IFRS project. No Capital costs or ongoing IFRS compliance costs are recorded in the account. No one-time transition costs are embedded in 2016 revenue requirement.

RSL is proposing the continued use of Sub-account Deferred IFRS Transition Costs Variance as there is a balance in this account to be disposed of in a future COS.

Filed: October 21, 2016

**Table 9.5: Appendix 2-U One-Time Incremental IFRS Transition Costs** 

	Audited Actual Costs Incurred	Audited Carrying Charges	Forecasted Costs	Forecasted Costs		Carrying Charges January 1, 2015 to							
Nature of One-Time Incremental IFRS Transition Costs <sup>1</sup>										Total Costs Excluding Carrying	December 31,2015/April 30, 2016 (As	Total Costs and	Reasons why the costs recorded meet the criteria of one-time IFRS administrative
	2009	2010	2011	2012	2013	2014	to Dec 31, 2014	2015	2016 <sup>3</sup>	Charges	appropriate)	Carrying Charges	incremental costs
professional consulting fees	\$ 7,066	\$ 15,150	\$ 14,925	\$ 5,000						\$ 42,141		\$ 42,141	BDO consulting
professional accounting fees									\$ 14,500	\$ 14,500		\$ 14,500	Auditor fees due to MIFRS restatement
salaries, wages and benefits of staff added to support the transition to IFRS													
associated staff training and development costs													
costs related to system upgrades, or replacements or changes where IFRS													
was the major reason for conversion										<b>.</b>			
professional accounting fees										ş -		\$	
										ş .		ş .	
										٠.			
Carrying Charges							\$ 1,434			\$ -	\$ 311	\$ 1,744	Carrying charges
Amounts, if any, included in previous Board approved rates (amounts should be negative) <sup>3</sup>				<b>-\$</b> 22,216						<b>-\$</b> 22,216		.t 20.216	Board approved disposition
De riegaine)				-q 22,210						-ø 22,210		· 4 22,210	Duaru approveu uispositiori
										<b>.</b>		ş .	
Insert description of additional item(s) and new rows if needed.										ş .		\$	
Total	\$ 7,066	\$ 15,150	\$ 14,925	-\$ 17,216	§ -		\$ 1,434	§ .	\$ 14,500	\$ 34,425		\$ 36,169	

## **Professional & Accounting Fees**

#### **BDO Consulting**

The one-time costs associated with the transition to IFRS were in relation to a preliminary analysis performed by BDO in 2009.

The analysis which was performed for many other utilities included the following services:

Hands on Assistance: Property, Plant & Equipment Analysis

- Identify material PP&E accounts and perform the following analysis:
- Identification of any components which require separate accounting
- Analysis of original cost and accumulated depreciation under CGAAP vs. IFRS
- Establish estimates for assets in the field on January 1, 2011
- Assess the remaining useful lives of assets
- Analyze depreciation under CGAAP vs IFRS
- Develop a Fixed Asset Listing/Sub-Ledger for the account
- Analyze any required changes to the work order system to track additions and disposals into the account

- Estimate additions and disposals for 2011
- Present the analysis to the external auditor for input and feedback
- Assistance with changes to existing PP&E processes
- Changes to tracking work orders and projects and setting up new PP&E items including components
- Assistance with communicating changes to your operations staff and consultants
- Update the PP&E Analysis for 2011 & 2012 activity including depreciation, additions, disposals and impact on contributed capital (Optional)

## Analysis of accounting for the following additional items:

- Regulatory Assets & Liabilities
- Overhead & Burdens
- Borrowing Costs
- Customer Contributions
- Computer Software/Land Rights
- Impairment of Assets

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Ex.9/Tab 1/Sch.8 - Account 1575 and 1576 Accounting Changes

RSL transitioned to MIFRS in 2012 as per the company's 2012 Cost of Service Application (EB-2011-0247). As presented in that application, the difference in depreciation due to the adoption of new useful lives was recorded in account 1575, and amortized over four years. No interest has been applied to this account. As of December 31, 2015, account 1575 has a zero balance. RSL is requesting the discontinuation of this account.

RSL has not used Account 1576.

As the balance in 1575 for the year 2014 is not to be disposed of in the 2016 COS application, the 1575 and 1576 schedules are not reproduced here and exist in the Chapter 2 appendixes with zero values entered.

# Ex.9/Tab 1/Sch.9 - Retail Service Charges

RSL is requesting disposition of the credit balance of (\$9,065) in account 1518 and the debit balance of \$13,973 in account 1548 as of December 31, 2014 plus interest to April 30, 2016. RSL confirms that all costs incorporated into the variances reported in Accounts 1518 and 1548 are incremental costs of providing retail services.

Table 9:6 provides the balances of Account 1518 and Account 1548.

Table 9.6: Account Balances - Account 1518 and Account 1548

Account Descriptions	USoA#	Pricipal, Dec 31,2014	Interest, Dec 31,2014	Total Principal and Interest	2.1.7 RRR Balances as at Dec 31,2014	Variance to 2.1.7 RRR	Projected Interest From Jan 1, 2015 to Apr 30, 2016	
Retail Cost Variance Account - Retail	1518	(8,575)	(357)	(8,932)	(8,930)	1	(134)	(9,065)
Retail Cost Variance Account - STR	1548	12,734	1,040	13,775	13,775	1	199	13,973

The drivers for the balances in Account 1518 and Account 1548 are the costs of providing retail services and the revenue collected from retailers. The number of customers enrolled with retailers directly influences the revenue collected. RSL has provided a schedule in Table 9.7 displaying revenues and expenses for 2013, 2014, and 2015 with estimated value for 2016.

Table 9.7: Revenue and Expenses Account 1518 & 1548

RCVA, Retail - Account 1518	2013	2014	2015	2016 Estimate
Revenues - USoA 4082	(7,148)	(7,293)	(6,922)	(7,350)
Expenses - USoA 5315	6,534	6,564	6,664	6,700
Difference - Account 1518 Adjustment	(614)	(729)	(258)	(650)
RCVA, Retail - Account 1548				
Revenues - USoA 4084	(80)	(81)	(62)	(47)
Expenses - USoA 5315	344	345	351	353
Difference - Account 1518 Adjustment	264	264	289	306

RSL confirms that it has followed Article 490, Retail Services and Settlement Variances of the Accounting Procedure Handbook for Accounts 1518 and 1548.

In RSL's last Cost of Service Rate Application completed in 2012 (EB-2011-0274), RSL received approval from the Board for the disposition and recovery of costs related to the implementation of smart meters which were recorded in accounts 1555 and 1556. However, RSL did not apply for the recovery of the costs incurred by RSL in 2011 associated with interfacing with the Meter Data Management and Repository ("MDM/R") in the 2012 COS Application.

The costs incurred represent third party costs for software changes, sync-operation consulting, and hardware configuration. As of December 31, 2012, 100% of the Applicant's Residential and General Service < 50kW customer base had conventional meters replaced with smart meters.

According to the Board's guideline, "Smart Meter Funding and Cost Recovery – Final Disposition" dated December 15, 2011 (G-2011-0001) and the December 2010 APH FAQ, three types of smart meter costs that are beyond minimum functionality may be recoverable. MDMR costs are one of the three types. Specifically, the above OEB documents describe this type of the costs as following:

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

The MDM/R costs incurred by RSL were necessary for RSL to establish communications with the MDM/R, and to establish the systems required for the synchronization of RSL customer data with the MDM/R. The costs were incremental as they have not been included in RSL's approved rates.

It was RSL's understanding that the integration costs could not be claimed during its last rate application because at that time the MDM/R and Time of Use ("TOU") Billing were not yet in use. RSL's understanding was that the related costs could be claimed in the next Cost of Service application after the MDM/R and TOU billing were both operational.

The application has been filed based on the Board's guideline "G-2011-0001 Guideline Smart

Exhibit 9 – Deferral and Variance Accounts

Filed: October 21, 2016

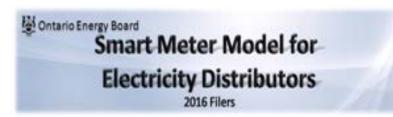
Meter Funding and Cost Recovery – Final Disposition" and 2010 APH FAQ, and RSL data has been input into the 2016 Smart Meter Model, version 6.00 which is being filed in conjunction with this application. There are no offsetting funding revenues, as they were disposed of in 2012 along with the other smart meter costs.

Based on the Smart Meter Model, RSL is specifically requesting the following:

- Approval to include Smart Meter MDM/R Gross Fixed Asset capital costs of \$39,470 and Accumulated Depreciation (\$35,523) as of December 31, 2015 into RLS's 2016 Cost of Service Rate Base. The two numbers were entered in the 2015 Fixed Asset Continuity Schedule as an addition to Account 1920 Computer Hardware. Capital Cost details are provided in the completed Smart Meter Model attached to this Exhibit.
- A Smart Meter Disposition Rate Rider ("SMDR") of \$0.59 per Residential and \$0.60 per GS < 50 customer, per month for a one (1) year period, to collect the deferred Revenue Requirement of \$41,394 for 2011 to 2015.

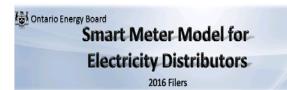
Table 9.8 and 9.9 below illustrate the Smart Meter assets and SMDR calculation.

**Table 9.8 - Smart Meter Assets and Rate Base** 



Set Fixed Assets - Smart Meters	3	906	2	1007	7	908		2509		916		2011		2012		2013		2014		2015		2016
Gross Book Value  Opening Balance Capital Additions during year (from Smart Maler Costs) Retirements Removals (if addicable)	1		\$ \$	ŧ	1	1	1 1		1	÷	1	1	5	- 1	1 1	4	1	-	1 1		1 1	
Closing Balance	1	-	\$	+1.5	1	-+:	1	- 1	1	-	1	-	1		1	-	1	+ 1	1	4(+)	3	-
Accumulated Depreciation																						
Opening Balance Amortization expense during year	5	374	5	10	1	4	1	-	1	-	1	-	1	-	1		-		1	140	1	-
Rativements Flamevalls (if applicable) Closing Balance	-										-		-				-			1117		
	-		2		-		-		-	_	-		-		-		-	_	-		-	
Net Book Value Opening Balance	1	- 62	5	- 83	1	4	1	76	1	8	1	9	1		ī		1		\$	13	3	
Closing Balance Average fiel Book Value	\$		1	-	1	- 0.1	\$	10		-	1	-	1		1		\$	-	1	-	5	-
Set Fixed Assets - Computer Hardware																						
Gross Book Value																						
Opening Balance Capital Additions during year (from Smart Maler Costs)			5	+1	1	-	3	- 1	1	*	3	29.470	5	39,470	1	39,470	1	39,470	\$	39.470	- 5	29,470
Refinements Removats (if applicable)		-	-	-1	-	-6			-	-	*	79.24	-	- UUUOA	-		-	- VI (300V)	rice.	71000	1	-
Closing Balance	\$	-	5	+-1	3		5		\$	4.1	\$	79.470	1	39.470	1	39.470	1	29.470	\$	39.479	\$	39,470
Accumulated Depreciation																						
Opening Balance Amortization expanse during year	3		3	-	1	-	3	-	1	-	5	3.947	4	3.347 7.894	4	7.894	4	79,735	4	27 629 7 894	4	35,523
Retinements Removals (if applicable)	2		9	+		-				-	-	3.341	-0	1,694	-	7,834	-	1,034	2	(,894	-0	2.241
Closing Balance	\$	- 1	1	1	1	1	1	1.6	3	-	4	3.947	4	11,541	4	19.7%	4	27,629	4	36,525	4	29,475
Net Book Value																						
Opening Balance	1		5	10	1		1		1	4	1	36.623	1	35.523 27.529	1	27,629 19,735	1	19.735	1	11.841	5	3.947
Closing Balance Average Net Book Value	8	114	1	+119	1		14		18	-	-	17.761	2	31,376	4	23.682	-	15.700	1	7.894	1	1,970

### **Table 9.9 SMDR Calculation**



This worksheet calculates the class specific SMDRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class specific SMDRs and SMIRRs.

Class-specific SMDRs																																
Revenue Requirement for Historical Years	2006		2007		200	В	2	009		2010		2011		2012		2013		2014		2015		al 2006 to 2015	Explanation / Allocator	R	esidential	GS <	50 kW	GS 50 to kW		Other (plea specify)		otal
																							Check Row if SMDR/SMIRR apply to class		Х		Х					2
Return on Capital \$		\$		. \$	5		\$		\$		\$	1,136.95	\$	1,841.26	\$	1,300.94	\$	920.63	\$	460.31	\$	5,740.10	Weighted Meter Cost - Capital Allocated per class	\$	% 67.00% 4,993.88	\$	% 13.00% 746.21	\$		\$		100%
Depreciation/Amortization sexpense and related interest \$	:	\$ \$		- S	5	-	\$ \$	:	\$ \$	:	\$ \$	3,947.00 3,947.00	5	7,894.00 <b>7,894.00</b>	\$ \$	7,894.00 <b>7,894.00</b>	\$ \$	7,894.00 <b>7,894.00</b>	\$ \$	7,894.00 <b>7,894.00</b>	\$	35,522.99	Weighted Meter Cost - Capital Allocated per class	\$	87% 30,905.00	\$	13% 4,617.99	0%		0%		100%
Operating Expenses and related interest \$\frac{3}{\$}\$	:	5 5		- 5 - 5	5	<u>.</u>	5 5	:	\$ \$	:	\$ \$	:	\$ \$	:	\$ \$	<u>:</u>	\$ \$	<u>:</u>	\$ \$	<u>:</u>	\$		Number of Smart Meters installed by Class Allocated per class	\$	# 5,064	\$	# 742	g	0	#	0	
Revenue Requirement before Tax	xes/PILs																				\$	41,263.09		\$	35,898.89	\$	5,364.20	\$		\$	. \$	
																							Revenue Requirement before PILs		87.00%		13.00%	0.00	%	0.00%		100%
Grossed-up Taxes/PILs \$		\$		. \$	5		\$		\$		-\$	1,155.32	-\$	1,227.67	\$	307.34	\$	969.05	\$	1,237.76	\$	131.16		\$	114.11	\$	17.05	\$		\$		
Total Revenue Requirement plus interest on OM&A and depreciation expense																					\$	41,394.25	Percentage of costs allocated to each class Percentage of costs for classes with SMDR/SMIRR		36,012.99 87.00% 87.00% 87.00%		5,381.25 13.00% 13.00% 13.00%	\$ 0.00 0.00 0.00	X <sub>0</sub>	\$ 0.00% 0.00% 0.00%		
													CME	A Revenues	dinastr	utributahla ta	alaaa								%		%	%		%		0%
														dual SMFA R				classes) attr	buted e	venly				_	0.00% 50.00% 50.00%		0.00% 50.00% 50.00%	0.00° 0.00° 0.00°	%	0.00% 0.00% 0.00%		0.00%
SMFA Revenues plus interest er	xpense —																				\$			\$		\$		\$		\$		
Net Deferred Revenue Requireme	ent to be rec	overed via	SMDR																		\$	41,394.25		\$	36,012.99	\$	5,381.25	\$		\$		
Average number of metered cust	tomers by cla	ss (2015	), for cust	omer clas	sses with	smart n	neters de	ployed -													► Avera	ge number	of customers (2015), for applicable classes		5064		742	0		0		
Number of Years for SMDR reco	very								_										_			1	years		1		1	1		1		
Smart Meter Disposition Rider (\$	I/month per r	netered c	ustomer i	n the cus	tomer cl	as <del>s)</del>																	,	\$	0.59	\$	0.60					
Estimated SMDR Revenues —																_				<del></del>	\$	41,195.52		\$	35,853.12	\$	5,342.40	\$		\$		

# Ex.9/Tab 1/Sch.11 - Request for New Variance Accounts

RSL is requesting the following new deferral/variance accounts:

 Account 1595 – Sub-account 2016 Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2017

Upon approval of disposition, RSL is requesting Board approval to establish 1595 – Sub-account 2016 to track costs, revenues and interest for amounts disposed of in RSL's 2016 COS Application.

 Account 1595 – Sub-account 2016 Global Adjustment - Rate Rider for Disposition of Global Adjustment (2016) – effective until December 31, 2017 Applicable only for non-RPP customers

Upon approval of disposition, RSL is requesting Board approval to establish 1595 – Sub-account 2016 GA to track costs, revenues and interest for amounts disposed of in RSL's 2016 COS Application.

 Account 1595 - Sub-account 2016 Group 2 Accounts - Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2017

Upon approval of disposition, RSL is requesting Board approval to establish 1595 – Subaccount 2016 Group 2 Accounts to track costs, revenues and interest for amounts disposed of in RSL's 2016 COS Application.

 Account 1595 – Sub-account 2016 LRAMVA - Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) – effective until December 31, 2017

Upon approval of disposition, RSL is requesting Board approval to establish 1595 – Sub-account 2016 LRMVA to track costs, revenues and interest for amounts disposed of in RSL's 2016 COS Application.

Rideau St. Lawrence Distribution Inc. EB-2015-0100 Exhibit 9 – Deferral and Variance Accounts Filed: October 21, 2016

 Account 1595 – Sub-account 2016 PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT - Rate Rider for Disposition of 1592 – effective until December 31, 2017

Upon approval of disposition, RSL is requesting Board approval to establish 1595 – Sub-account 2016 - 1592 to track costs, revenues and interest for amounts disposed of in RSL's 2016 COS Application.

# Ex.9/Tab 1/Sch.12 - Group 2 Accounts Discontinued

RSL is not proposing to discontinue the use of any Group 2 accounts.

RSL will continue to monitor OEB directives and implement new accounts as set out by the OEB and identified in the Accounting Procedures Handbook or other sources of information as required in complying with regulations.

# Disposition of Deferral and Variance Accounts

# Ex.9/Tab 2/Sch.1 - Accounts Submitted for Disposition

RSL is requesting disposition of the variance accounts noted below according to the Report of the Board, EB-2010-0046, which states that "at the time of rebasing, all account balances should be disposed of unless otherwise justified by the distributor or as required by a specific Board decision or guideline".

RSL has followed the guidelines in the Report of the Board and requests disposition over a oneyear period. RSL has provided a continuity schedule of the accounts listed in this Exhibit.

The amounts of the Group 1 Accounts, Group 2 Accounts and Other Accounts as shown in Table 9.11 that RSL is requesting to dispose are comprised of the audited balances as of December 31, 2014 subject to adjustments as referenced in Ex.9/Tab 1/Sch.2 – Account Balance and Adjustments, and the forecasted interest through April 30, 2016.

RSL confirms that the account balances, listed in Table 9.10, proposed for disposition, before the projected interest and adjustments, are consistent with the last Audited Financial Statements and reconcile with the trial balance reported through the Electricity Reporting and Record-keeping Requirements with the exception of 1568 LRAM.

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**Table 9.10: Accounts Submitted for 2016 Disposition** 

Account Descriptions	USoA #	Audited Principal (Dec 31, 2014)	Audited Interest (Dec 31, 2014)	Audited Total	Principal Disposition during 2015 - instructed by Board	Interest Disposition during 2015 instructed by Board	Projected Interest from Jan 1, 2015 to April 30, 2016	Adjustment to Continuity Schedule	Total Claim
	4550	445475	(54)	445404	057.054	4 447	(4,000)		(404.554)
LV Variance Account	1550	146,175	(51) 92	146,124	267,351	1,447 110	(1,889)		(124,564)
Smart Metering Entity Charge Variance Account	1551	4,159 (66,583)	(1,625)	4,251	3,417		27		735 2,256
RSVA - Wholesale Market Service Charge	1580			(68,208)	(68,294)	(2,144)			
RSVA - Retail Transmission Network Charge	1584	93,492	3,885	97,377	210,706	5,736	(1,828) 804		(120,893)
RSVA - Retail Transmission Connection Charge	1586	(2,070)	(734)	(2,804)	(53,624)	(897)			52,520
RSVA - Power (excluding Global Adjustment)	1588	(61,995)	4,523	(57,471)	225,517	7,510	(4,483)		(294,981)
RSVA - Global Adjustment	1589	199,019	1,712	200,731	61,627	3,535	2,142		137,711
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	(0)		(2,900)		(2,858)	- 0		(42)
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	2,872	(1,357)	1,516	2,872	(751)	0		(605)
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	(543)	(2,311)	(2,854)	(548)	(2,332)			26
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	1,269	2,773	4,041	-	-	20		4,061
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595						(T. 10.0)		-
Subtotal - Group 1 Accounts		315,795	4,006	319,801	649,024	9,356	(5,196)	-	(343,775)
	4500	40.005	4 40 4				044		
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	19,925	1,434	21,359	-	-	311		21,669
Retail Cost Variance Account - Retail	1518	(8,575)	(357)	(8,932)	-	-	(134)		(9,065)
Retail Cost Variance Account - STR	1548	12,734	1,040	13,775	-	-	199		13,973
Subtotal - Group 2 Accounts		24,084	2,118	26,202	-	-	376	-	26,577
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	(22,039)	(648)	(22,687)	_	-	(344)		(23,031)
LRAM Variance Account	1568	(15,810)	(129)	(15,939)	-	-	376	40,265	24,703
Renewable Generation Connection Capital Deferral Account	1531			-				(1,161)	(1,161)
Renewable Generation Connection OM&A Deferral Account	1532			-				929	929
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital5	1555	39,469	1,956	41,425	-	-	615	(647)	41,394
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries5	1555	449	(1,617)	(1,168)	-	-	7	1,161	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter									
Costs5	1555	915	-	915	-	-	14	(929)	-
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component6	1575								
Subtotal Other Accounts		2,984	(438)	2,546	-	-	669	39,619	42,834
Grand Total									(274,363)

### Notes to Adjustment:

- The adjustment to Account 1568 LRAM was made to reflect the true-up LRAM amount for the period 2012 -2014. Please see Ex.9/Tab 1/Sch.2 for more detail.
- 2. Since the EDDVAR model does not incorporate the 1555 accounts into the rate rider calculations, a credit of (\$1,168) and a debit of \$915 were transferred from 1555 Subaccount Recovery and Sub-account Stranded Meter costs respectively to Account 1531 and Account 1532 in 2014 in the Continuity Schedule to facilitate disposal of balances in these two accounts.
- 3. The balance in 1555 Sub-account Capital is proposed to be disposed of through the Smart Meter Model. See Ex.9/Tab 1/Sch.9 for details. The recovery amount for smart meter costs determined in the Smart Meter Model was based on revenue requirement. The total claim for this account in the EDDVAR Model is comprised of principal and simple interest. A variance thus occurred between the two amounts due to the different

Rideau St. Lawrence Distribution Inc. EB-2015-0100 Exhibit 9 – Deferral and Variance Accounts Filed: October 21, 2016

calculations. Two credits (total (\$647)) were entered in the columns of Projected Interest In the EDDVAR Model to adjust the total claim for 1555 Sub-account - Capital to be consistent with the required recovery from the Smart Meter Model.

The following methods are proposed for disposition of the DVA balances, for those accounts having been selected for disposition. As RSL does not have any Class A Market Participants, no

separate rate rider is required.

**Group One Accounts** 

Accounts Excluding 1595 and 1551

Allocation of costs to customer classes is based upon the 2016 forecasted kWh energy consumption by customer class in accordance with the default cost allocation methodology established by the Board for Group 1 deferral and variance accounts in the Electricity Distributor's Deferral and Variance Account Review Initiative (EDDVAR Report dated July 31,

2010).

For the purposes of allocating the costs of Account 1589 – Global Adjustment, RSL utilized Non-RPP kWh as the allocator. For all rate classes the projected 2016 billed Non-RPP kWh was used.

Account 1551

The Smart Metering Entity Charge is only charged to the Residential and GS < 50 kW rate classes in proportion to their forecasted 2016 customer numbers. This treatment is consistent with the 2015 IRM instruction "The proportion of customers for the Residential and GS<50 Classes will be used to Allocate 1551".

Account 1595

The allocation to each rate class is based on the original recovery share proportion from the respective Cost of Service or IRM application. For example, the amount allocated in the application to the residential rate class from all deferral and variance accounts for the given year was divided by the total amount for disposition for that same year. The result of the calculation was added as the billing determinant for that year.

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A variable component rate rider is based on kWh or kW as established in the 2016 forecasted kWh energy or kW demand by class.

#### **Group Two Accounts**

#### Account 1508

Consistent with RSL's last Cost of Service application, allocation of costs to customer classes of account 1508-Other Regulatory Accounts-Deferred IFRS is based on distribution revenue. Distribution revenue utilized is from RSL's last Cost of Service application, EB-2011-0274.

The disposition of 1508-Other Regulatory Accounts-Deferred IFRS is based on a variable component rate rider based on kWh or kW as established in the 2016 forecasted kWh energy or kW demand by class with the exception of the residential rate class. The residential rate class is based on a fixed monthly charge.

### Account 1518 and 1548

Allocation of costs to customer classes of account 1518-RCVA-Retail and 1548-RCVA-STR account balances is based on the number of 2016 forecasted customers in accordance with the default cost allocation methodology established by the Board in the EDDVAR Report, dated July 31, 2010.

The disposition of the 1518-RCVA–Retail and 1548-RCVA-STR account balances is based on a variable component rate rider based on kWh or kW as established in the 2016 forecasted kWh energy or kW demand by class with the exception of the residential rate class. The residential rate class is based on a fixed monthly charge.

#### Account 1555 Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital

Allocation of costs to customer classes of Smart Meter Sub-Account Capital is based on the 2015 average customer numbers as instructed in the Smart Meter Model. Costs are allocated to Residential and Commercial customers only. The rate rider is based on a fixed monthly charge.

The cost allocation and rate rider calculation for 1555 Sub-account - Capital is included in the Smart Meter Model. Please see Table 9.9 and 9.10 for details.

Account 1555 Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries and Sub-Account – Stranded Meter Costs

As the claim for the two accounts is small (\$-232 in total), to set up a separate rate rider for them is unnecessary. Allocation of costs to customer classes of 1555 sub-account recoveries and sub-account stranded meter costs is based on the number of 2016 forecasted customers. The disposition of the account balances is incorporated in the Group 2 Accounts.

Account 1592 PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)

Consistent with RSL's last Cost of Service application, allocation of costs to customer classes of 1592 Sub-account HST/OVAT Input Tax Credits (ITCs) is based on distribution revenue. Distribution revenue utilized is from RSL last Cost of Service application (EB-2011-0274).

Of the total balance of 1592 sub account HST/OVAT, 50% (\$11,515) will be refundable to RSL customers, and is used as the basis for the rate rider calculation.

The disposition of 1592 Sub-account- HST/OVAT Input Tax Credits (ITCs) account balance is based on a variable component rate rider based on kWh or kW as established in the 2016 forecasted kWh energy or kW demand by class with the exception of the residential rate class. The residential rate class is based on a fixed monthly charge.

The cost allocation and rate rider for 1592 Sub-account- HST/OVAT Input Tax Credits (ITCs) is calculated in a separate spreadsheet as it is not included in the rate rider calculation in the EDVAR model.

Exhibit 9 – Deferral and Variance Accounts

Filed: October 21, 2016

# Account 1568 LRAM Variance (LRAMVA)

The amount in account 1568 is allocated to the Residential, GS<50 kW and GS>50 to 4,999 kW rate classes on the basis of the lost revenue allocated by class supported by the OPA's Final Reports for 2011, 2012, 2013 and 2014.

The disposition of the account is through a variable component rate rider based on 2016 forecasted kWh energy consumption and kW demand by customer class.

The continuity schedule for all DVA's submitted for disposition, the cost allocation and rate rider calculation are included in the EDDVAR model.

# Ex.9/Tab 2/Sch.3 - Proposed Rate Riders

Table 9.11 - 9.16 below summarizes the proposed rates that result from the disposal of the DVA balances. RSL has used a one-year recovery period in the proposed rate rider calculation. All of the relevant calculations and the proposed billing determinants can be found in the EDDVAR model except 1555 Sub-Account – Capital which is calculated in the Smart Meter Model.

Table 9.11: Proposed DVA Rate Riders by Class (Excluding 1589 Global Adjustment)

Rate Class	Billing Unit	kw / kwh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for RSVA Accounts
Residential	kWh	41,307,918	(192,209)	-0.0047
General Service <50 kW	kWh	20,781,605	(96,901)	-0.0047
General Service 50 to 4,999 kW	kW	116,927	(185,815)	-1.5892
Unmetered Scattered Load	kWh	572,371	(2,676)	-0.0047
Sentinel Lighting	kW	299	(504)	-1.6855
Street Lighting	kW	1,992	(3,382)	-1.6976
Total			(481,486)	

Table 9.12: Proposed Rate Riders for 1589 RSVA – Global Adjustment

Rate Class	Billing Unit	kW / kWh / # of Customers	Balance of RSVA - Power - Global Adjustment	Rate Rider for RSVA - Power - Global Adjustment
Residential	kWh	2,197,836	6,341	0.0029
General Service <50 kW	kWh	3,810,600	10,993	0.0029
General Service 50 to 4,999 kW	kW	120,321	118,245	0.9827
Unmetered Scattered Load	kWh	58,857	170	0.0029
Sentinel Lighting	kW	8	8	1.0417
Street Lighting	kW	1,847	1,955	1.0584
Total			137,711	

**Table 9.13: Proposed Rate Riders for Group 2 Accounts** 

Rate Class	Billing Unit	kw/kwh/#of Customers	Balance of Group 2 Accounts	Rate Rider for Group 2 Accounts			
Residential	# of Customers	5,066	15,730	0.26			
General Service <50 kW	kWh	20,781,605	4,478	0.0002			
General Service 50 to 4,999 kW	kW	116,927	3,823	0.0327			
Unmetered Scattered Load	kWh	572,371	128	0.0002			
Sentinel Lighting	kW	299	103	0.3432			
Street Lighting	kW	1,992	2,084	1.0463			
Total			26,346				

Table 9.14: Proposed Rate Riders for Sub-account 1555 Smart Meter Capital

Rate Class	Billing Unit	kw / kwh / # of Customers	Net Deferred Revenue Requirement to be recovered via SMDR	Rate Rider for Sub-account 1555
Residential	# of Customers	5,064	36,013	0.59
General Service <50 kW	# of Customers	742	5,381	0.60
General Service 50 to 4,999 kW				
Unmetered Scattered Load				
Sentinel Lighting				
Street Lighting				
Total			41,394	

Table 9.15: Proposed Rate Riders for Account 1568 LRAMVA

Rate Class	Billing Unit	kW / kWh / # of Customers	Balance of Account 1568	Rate Rider for Account 1568
Residential	kWh	41,307,918	(1,608)	-0.00004
General Service <50 kW	kWh	20,781,605	19,942	0.0010
General Service 50 to 4,999 kW	kW	116,927	6,370	0.0545
Unmetered Scattered Load	kWh	572,371	-	-
Sentinel Lighting	kW	299	-	-
Street Lighting	kW	1,992	-	-
Total			24,703	

Note: The residential rate class LRAMVA rate rider is expressed to the fifth decimal place in order to generate a valid rate for recovery.

Table 9.16: Proposed Rate Riders for Account 1592 PILS-HST

Allocation of Balances				
Deferral and Variance Account	1592			
Total Claim from EDVAR Model	-\$23,031			
50% for LDC	-\$11,515			
Allocator	Distribution Rev.			
Rate Class	Billing Unit	kW/kWh/#of	50% Balance of	Rate Rider for
nace class	Billing Offic	Customers	Account 1592	Account 1592
Residential	# of Customers	5,066	(6,727)	-0.11
General Service <50 kW	kWh	20,781,605	(2,142)	-0.0001
General Service 50 to 4,999 kW	kW	116,927	(2,011)	-0.0172
Unmetered Scattered Load	kWh	572,371	(49)	-0.0001
Sentinel Lighting	kW	299	(30)	-0.1015
Street Lighting	kW	1,992	(556)	-0.2793
Total			(11,515)	

# Appendix

# List of Appendices

Appendix 9.1	EDDVAR Continuity Schedule v2.6
Appendix 9.2	Smart Meter Model v6.00

# Appendix 9.1 - EDDVAR Continuity Schedule



**Notes** 

# 2016 Deferral/Variance Account Workform

Version 2.6 Rideau St. Lawrence Distribution Inc. **Utility Name Service Territory** Assigned EB Number EB-2015-0100 Name of Contact and Title Peter Soules, Chief Financial Officer Phone Number (613) 925-3851 Email Address psoules@rslu.ca **General Notes** Pale green cells represent input cells. Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.

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White cells contain fixed values, automatically generated values or formulae.

		2011											
Account Descriptions	Account Number	Opening Principal Autometric to of Jan- 1-11	Transactions' Debit/ (Credit) during 2011	Stand-Approved Disposition during 2021	Principal Adjustments <sup>1</sup> during 2011	Closing Principal Balance as of Dec 31-11	Opening Interest Amounts as of Jan-1-11	belocal finel to Dec-31-11	Bosed- Approved Disposition during 2011	interest Adjustments' Judge 2011	Closing Interes Amounts as of Dec-31-11		
Group 1 Accounts													
LY Veriance Account	1650	50				50	50						
Smart Metering Entry Charge Variance Account	1651	50				50	50						
RSVA - Wholesale Market Service Changa RSVA - Resul Transmission Metwork Change	1584	50				50	20				5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		
RSVA - Retail Transmission Connection Charge	1588	30				50	50						
RSVA - Power (excluding Global Adjustment)	1588	50				50	50						
RSVA - Global Adjustment	1569	50				50	\$0						
Disposition and Recovery/Refund of Regulatory Baltimoss (2008)	1595	50				50	50						
Disposition and Recovery/Refund of Regulatory Balances (2009) Disposition and Recovery/Refund of Regulatory Balances (2010)	1595 1565	50 50				50	50						
Disposition and Recovery/Refund of Regulatory Balances (2011)	1565	50				50	50						
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	10				50	50						
Disposition and Recovery/Refund of Regulatory Balences (2013)	1595	\$0				50	50						
Disposition and Recovery/Refund of Regulatory Balances (2014)	1965	50				\$0	50				5		
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	59	50	50	50	10	50	50				
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) 98VA - Global Adjustment	1689	30 30	50	50 50	50 50	50 50	\$0 \$0	50 50	50				
			**										
Group 2 Accounts	1885514	20,000											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	322.216	\$14,925			\$37,141	\$102	\$380			\$46		
Other Regulatory Assats - Sub-Account - Incremental Capital Charges	1508	54,353				\$4,353	531	\$64			50		
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>®</sup>	1508	10				50	50				,		
Ther Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Corrying	1500	10				30	.30						
Charges	1508	10				50	50				5		
Other Regulatory Assets - Sub-Account - Other *	1508	10				50	50				5		
Retail Cost Variance Account - Retail	1518	-\$471	-15.096			-55.597	\$1,194	-\$41.			\$1,15		
4so. Deferred Debits	1525	50				10	30				5		
Soard-Approved CDM Variance Account Extra-Ordinary Event Costs	1567	50 50				50	50 50				3 1		
Deferred finite Impact Amounts	1574	50				10	50				5		
RSVA - One-time	1582	30				10	\$0						
Other Deferred Ceedits	2425	10	Weight Street Control			10	50				\$		
Greep 2 Sub-Total		\$26,098	19,829	50	\$0	\$35,927	\$1,327	\$400	50	50	\$1,73		
PLs and Tax Variance for 2006 and Subsequent Years	1502												
excludes sub-account and contra account below) *ILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT		\$0				10	30				5		
npal Tax Credits (ITCs)	1502	\$11,644	\$12,600			-\$34,210	50				\$		
Total of Group 1 and Group 2 Accounts (including 1862 and 1892)		\$14,454	-\$2,837	50	50	\$11,617	\$1,327	5403	50	50	\$1,73		
RAM Variance Account	1568	\$0				50	50						
Folal Including Account 1558		\$14,454	-52,837	50	50	\$11,617	\$1,327	\$403	*n	50	\$1,79		
	4534	20000000			VII			A toponio					
tenevable Generation Connection Capital Defenal Account tenevable Generation Connection DMSA Defenal Account	1531 1532	\$351 50	1361			10 10	50				5		
tenewalsa Generation Connection Data Deterral Account Rehevable Generation Connection Funding Adder Deferral Account	1532	50				10	50				5		
Insert Girld Capital Deferral Account	1534	50				\$0	\$0				ş		
Front Orid OM&A Deferral Account	1535	50				10	50				5		
mart Ged Funding Adder Delerral Account	1536	10	STREET,			\$0	50	AND TREATMENT					
Retail Cost Variance Account - STR Proof Mater Capital and Recovery Offset Variance - Sub-Account - Capital <sup>8</sup>	1548	\$84,588	\$11,816			\$96,404	\$4,526	\$1,326 \$17.818			\$5,85		
iment Meter Capital and Recovery Offset Variance - Sub-Account - Capital   [mart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>5</sup>	1555 1555	\$1,083,226 -\$216,303	\$167,217 -\$10,1004			\$1,250,443 -3380,437	\$11,696 -\$4,201	-13 990			\$29,71		
mant Meter Capital and Recovery Offset Variance - Sub-Account - Recoveres* Invet Meter Capital and Recovery Offset Variance - Sub-Account - Standed Meter Costs*	1555	-\$216.333 \$0	-510/024			-3080,407 \$0	-14.201 50	-83,990			-38,10		
iment Meter Oats and recovery Crisis Variance - sub-Account - seanded Meter Costs.	1556	572,592	\$62,661			5135,273	-\$12	\$1,610			51,490		
	1575	20000000	- Andrews	e contractorate a s	n-Junahi stali			in a special series	out before a south				
FRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>®</sup>													

	2012											
Account Descriptions	Account Number	Opening Principal Accounts to of Jen- 8-82	Teas relions <sup>†</sup> Debit f (Credit) during 2012	Board-Apperred Disposition during 2012	Principal Adjustments <sup>2</sup> during 2012	Closing Principal Balance as of Dec-31-12	Opening Intend Amounts as of Jan-1-12	Interest fan I to Dec-11-12	Board- Approved Disposition during 2012	Introd Adjustments <sup>2</sup> Juring 2012	Clooling Interes Amounts as of Dec-81-12	
Group 1 Accounts	The second											
LY Virisnos Account	1550	50			\$84,931	\$84,931	50			-15,323 50		
Smart Metering Entity Charge Verlance Account	1551	50 50			-\$255,166	\$0 -\$259,266	50			-53.297		
RSVA - Whotesale Market Service Charge RSVA - Reterl Transmission Notwork Charge	1594	10			552 902	-552.502	50			\$2,369	-52.30	
RSVA - Retail Transmission Connection Charge	1586	50			-59.207	-13.267	50			-516,041	-\$16,0	
RSVA - Power (excluding Global Adjustment)	1588	10			-\$15.219 -544,380	-515,219 -544,260	50 50			-\$30,300 -\$16,500		
RSVA - Global Adjustment Disposition and Recovery/Refund of Regulatory Balances (2009)	1509	50			50	10	50			50		
Disposition and Recovery/Refund of Regulatory Bulances (2009)	1595	50			\$0	10	\$0			-52		
Disposition and Recovery/Refund of Regulatory Balances (2010)	1596	90			-1419.707	-5419,707 -5142,359	50 50			\$385,991	\$365,9	
Disposition and Recovery/Refund of Regulatory Balances (2011) Disposition and Recovery/Refund of Regulatory Balances (2012)	1995 1595	50 50			-5142,300 -5179,815	-514Z,309 -5178,315	10			41,338		
Disposition and RecoveryRefund of Regulatory Dalances (2012)	1595	50				10	10					
Disposition and Recovery/Rehard of Regulatory Balances (2014)	1999	50				10	50				3	
Group 1 Sub-Total (Including Account 1589 - Global Adjustment)		50	sc		\$1,054,900	-\$1,0\$4,500	50	50	50	\$297,139		
Group 1 Sub-Total (excluding Account 1583 - Global Adjustment)	13550	90	50		-51,010,628	-\$1,010,823	50 50		50	\$312,719		
RSVA - Global Adjustment	1689	50	50	10	-341,286	-\$44,230	50	50	- 30	1313,000	-34,000	
Group 2 Accounts												
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1568	537,141	\$5,000			\$19.925	5482	\$468 521	\$102 \$117	31	58	
Other Regulatory Assets - Sub-Associati - Incremental Capital Charges	1508	\$4,353		\$4,352	-51	50	595	321	3112			
Other Regulatory Assats - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clinan Energy Benefit Acc <sup>8</sup>	1500	50				50	50				3	
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Corrying		1 533										
Charges	1608	\$0				50	50					
Other Regulatory Assets - Sub-Account - Other *	1508	-35,567	-\$2,106	-5471		50 -57,232	\$0 \$1,153	-565	\$1,105		512	
Retail Cost Variance Account - Retail	1518 1525	-30,567 50	12.100	44/1		50	\$1,153	1	N You Love			
Miss, Deferred Cribits Board-Approved CDM Variance Account	1507	50				50	so				1 1	
Extra-Ordinary Event Costs	1572	50				50	50				1	
Deferred Rate Impact Amounts	1574	50				50	50 50					
RSVA - One-time. Other Ceferred Gredits	2425	10				50	50					
Group 2 Sub-Total	.5000	\$35,527	\$2,864	\$26,097	-51	\$12,693	51,730	5394	\$1,404	\$1	577	
		*********	Water Selfatores	Carbon Strade C								
PiLs and Tax Variance for 2006 and Subsequent Years (suckades sub-account and contra account below)	1592	50				50	\$0					
Pile and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT	1092											
Input Tax Gredits (ITCs)		-124,310	19,373			-527,009	50	CHECKING THE C		10050		
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		\$11,617	-34,006	\$14,453	-61,954,904	-51,084,249	\$1,730	5394	\$1,404	\$297,140	\$297,6	
LRAM Variance Account	1568	10	\$3,340	adding the		\$3,342	\$0	\$12			3	
Total Including Account 1568		\$11,617	-\$3.162	\$14,453	-\$1,054,904	-51,060,907	\$1,730	5400	\$1,404	\$297,140	\$297,8	
Renariable Generation Connection Capital Deformal Account	1531	50				10	\$0					
Reneasble Generation Connection OM&A Deferral Account	1532	50				50	50					
Renemble Generation Connection Funding Addor Deferral Account	1533	\$0				50 50	50 50					
Smort Grid Capital Deferral Account Smert Grid GM&A Deferral Account	1534 1535	\$0 \$0				50						
Smart Grid Funding Adder Deferral Account	1538	50				50	50	The State of the			- 4	
Retril Cost Variance Account - STR	1548	\$96,404	\$360			\$12,205			38,184		. 56 57	
Smart Mater Capital and Recovery Offset Variance - Sub-Account - Capital <sup>a</sup>	1555	\$1,250,443	\$2,210			\$39,489	529,712		\$35,420 -512,198		-53	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries®	1565	-5200.427	-5117,201			-\$50,000 \$108,040			912.158		-53	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Couts <sup>6</sup> Smart Meter OMSA Variance <sup>3</sup>	1555 1556	\$135,273	450,775 \$4,276			\$108,040			\$1,883			
IFRS-OGAAP Transition PPSE Amounts Balance + Return Component <sup>6</sup>	1575	SMAN	\$22,073	\$88,291		-560,218			THETHE	<b>MARKET DI</b>	1	
Accounting Changes Under CGAAP Balance + Return Component <sup>6</sup>	1576					50				THE PARTY OF THE P		

				70.000		2013					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-13	Transcalions <sup>2</sup> Debli / (Credit) doding 2013	Board-Approved Disposition during 2013	Principal Adjustments <sup>2</sup> during 2013	Clo-ing Prioripal Balance as of Dec-31-13	Opening Interest Accounts as of Jan-2-13	Inferest Jan-1 to Dec-31-13	Fored- Appeared Disposition during 2013	Interval Adjustments' during 2002	Closing Interest Amounts as of Dec-31-13
Group 1 Accounts									Ale		
LV Variance Account	1550	\$84,931	\$261,845	\$42,081		\$304,695	+55,323	\$2,445	\$350		-13,22
Smoot Matering Entity Charge Variance Account	1551	10	\$3,417			\$3,417	50	543	-82.422		-54,45
RGVA - Wholesale Market Service Charge	1583	-5295,289	\$88,293	\$118,672 954,900		5210.007 5184.770	-53,297 -52,369	-13.593 51.099	-92.422		517
RSVA - Retail Transmission Network Charge RSVA - Retail Transmission Connection Charge	1588	-(02,962 -53,267	\$210,706 563,825	-812,301		-551.501	-\$15,041	5332	-5448		-514,26
RSVA - Power (excluding Global Adjustment)	1588	-315,216	\$225,517			\$210,208	530,080	\$2,791			-827,50
RSVA - Glubal Adjustment	1589	-514,280	561,626			\$17,346	-\$15,560	\$1,459			-514,12
Disposition and Recovery/Retund of Regulatory Balances (2008)	1595	10				30	50				
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595 1595	5419.707		\$1 \$410,775		-51 -53,932	-12 \$365,991	-12529	5370,179		-515,82
Disposition and Recovery/Refund of Regulatory (Infances (2010) Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	-5142,353	\$2,879	-3410,770		\$129,456	54,478	-\$1,767	23/0,179		\$2,71
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	-8176,815	\$160,725	-\$15,543		-\$148	-54,336	-5005			-52,32
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	50	\$343,470	\$531,208		-3187,928	50	-13.729	-\$368.216	-5235,020	\$120,59
Disposition and Recovery/Refund of Regulatory Batances (2014)	1595	\$6				50	50				51
Croup 1 Sub-Total (Including Account 1589 - Global Adjustment)		-\$1,054,962	\$1,140,260	-5/5,777	50	\$129,134	\$297,138	-\$4.533	\$2	9215,923	
Group & Sub-Total (excluding Account 1589 - Global Adjustment)	52,000	-\$1,010,623	\$1,068.634	-£15,777	50 50	\$111,788 \$17,346	\$312,719 -516,580	-15,992 \$1,459	52 50		
RSVA - Global Adjustment	1509	-\$44,200	\$61,626	10	20	517,346	-316-560	\$1,409	30	36	-\$14,12
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred FRS Transition Costs	1508	\$19,925				\$19,925	\$848	\$293			\$1,14
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1500	10				30	50				51
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance -	0.505					***	50				5
Ontario Clean Energy Senelit Act <sup>®</sup> Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying	1508	\$0				50	50				
Changes Changes	1508	50				30	20				5
Other Regulatory Assets - Sub-Account - Other *	1508	50				50	50				\$1
Retal Cost Variance Account - Retail	1518	-57,232	4814			-57.046	-\$127	-\$110			-523
Misc. Deferred Debits	1525	50				50	50				31
Board-Approved CDM Varience Account	1667	50				50	50				51
Extra-Ordinary Event Costs	1572	50 50				50 50	50				51
Deferred Rate terpact Amounts RSVA - Cne-time	1582	50				50	50				
Other Deferred Credits	2425	50				50	50				
Group 2 Sub-Total	253500	\$12,693	-1614	50	50	\$12,079	5721	3163	50	50	590
	1470/537	212,000				212.010		201-0-20			
Pills and Tax Variance for 2006 and Subsequent Years (excludes sub-account and centra account below)	1592	10				30	50				51
PiLs and Tax Variance for 2006 and Subsequent Years - Sub-Account MST/OVAT	1592										
nput Tax Gradills (ITCs)	1592	-\$22,009				-502,030	50	-5324			-532
Total of Group 1 and Group 2 Accounts (including 1982 and 1992)		-\$1,004,249	51,147,646	-535,777	50	\$119,174	\$297,860	-\$4,674	\$2	-\$205,900	\$57,26
RAM Variance Account	1558	\$3,342	110000000000000000000000000000000000000	\$5,126		+\$7,100	512	-31			5:
Total including Account 1568		-\$1,060,007	\$1,142,240	-\$30,651	50	\$111,984	\$297,872	-14,677	\$2	-1235 930	\$57,27
Renomible Constition Connection Capital Deferral Account	1531	50				50	\$0				
Renewable Generation Connection CM&A Deferral Account	1532	10				50	50				19
Renewable Generation Connection Funding Adder Deformi Account	1533	50				50	50				9
Smart Grid Capital Deferral Account Smart Grid CM&A Deferral Account	1534 1535	10				50	50 50				9
Smart Grid GM&A Deterral Account Smart Grid Funding Adder Deterral Account:	1636	10				50	50				
Retail Cost Variance Account - STR	1548	\$12,205	5264			312,470	\$674	5181			\$65
Imart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>8</sup>	1555	\$39,469				\$39,469	5796	5581			\$1,37
Smart Motor Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>5</sup>	1655	-359,356	\$5			-559,351	-\$311	-5873			-51,15
Immit Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>5</sup>	1555	\$108,040	-5107.171			\$809	50				5
Senart Matter OMSA Variance <sup>5</sup>	1556	-10				-60	-50				-9
FRS-CGAAP Transition PPSE Amounts Balance + Return Component <sup>®</sup>	1575	-\$66,216	522,073			-544,145			KD146.35		
Accounting Changes Under CGAAP Balance + Return Component <sup>8</sup>	1576	10				50					

		0.000				2014					
Account Descriptions	Accord Number	Opening Principal Assemble as of Jam 1-14	Transations' Dublit/ (Crolit) during 2014	Board-Appensed Obspecifice during 2014	Principal Adjustments <sup>1</sup> during 2014	Cluding Principal Balance as of Occ 31-14	Opening Interest Amounts as of Jan-1-14	interest Jan-1 to Dec 31-14	Board- Approved Disposition during 2014	Interest Adjustments' during 2014	Closing laters Agreemts as of Dec-21-14
Group 1 Accounts						1000	IIII				
V Variance Account	1550	5304,665	-3121,177	\$37,343		\$148,175	-\$3.228	\$2,743	\$566		-56
Smart Metering Entity Charge Variance Account	1651	53,417	5742			\$4,159	543	\$49	1000		\$5
RSVA - Whofesale Market Service Charge	1580	-3210,007	\$1,711 -5117.214	-\$141,713 \$25,656		+565,583 \$93,492	-14,458 \$122	-8500 \$2,278	-83,653 -31,465		-\$1,62 \$3,86
RSVA - Retail Transmission Network Charge	1584	\$184,770 -\$44,591	\$51,556	\$25,835		-12.070	-314,261	\$2,278	-\$11.416		-57
ISVA - Retail Transmission Connection Chargo RSVA - Power (excluding Global Adjustment)	1588	\$210,298	\$287.512	-815,219		-581.965	-527,569	51,433	-500,658		\$4,5
ISVA - Clobal Adjustment	1589	\$17,346	\$137,302	-544,280		5199,019	-514,121	-5616	-516.448		\$1,7
Sposition and Recovery/Refund of Regulatory Balances (2008)	1596	10				50	10				
inspection and Recovery/Refund of Regulatory Balances (2009)	1595	-61	-90	-\$1		10	-53 -58.627	141	49.968	52	-\$7.9
sposition and Recovery/Retund of Regulatory Balances (2010)	1595	-68,932	\$20,097 \$44,535	\$11,105		-50 52.872	\$2,711	-5GID	13,519		-\$1,3
Dispecifion and Recovery/Refund of Regulatory Balances (2011) Dispecifion and Recovery/Refund of Regulatory Balances (2012)	1595 1595	-5139,465 -6650	544,535	-197,823		-5643	-\$2,523	\$12	23,313		-12.3
Inspection and Recovery/Refund of Regulatory Balances (2013)	1595	-5167.626	\$189.097			\$1,269	\$120,597	-5570		-\$123,255	\$2,7
Supposition and Recovery/Refund of Regulatory Balancies (2014)	1595	10	\$217,497	\$267,430		-140,953	50	-31,901	\$60,545		-963,5
Group 1 Sub-Tetal (Including Account 1589 - Global Adjustment)		\$129,134	\$136,728	50	10		\$58,684	\$2,068	10	-5127.252	-964,5
Group 1 Bub-Total (excluding Account 1569 - Global Adjustment) RSVA - Global Adjustment	1559	\$111,788 \$17,345	-1065 \$137,393	\$44,260 -344,260	50 50		570,605 -514,121	\$2,683 -{615	\$16,448 -\$16,448	-\$123.252 \$0	-368,2 \$1,7
Group 2 Accounts	1508	\$19.925				\$19.925	\$1,141	5293			\$1.4
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs. Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$19,925				\$10,025	10	10000			****
ther Regulatory Assets - Sub-Account - Incremental Cepide Crieges (ther Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance -	1000										
Inturio Cisun Energy Benefit Act	1508	50				50	50				
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying		1100									
haepes	1508	10				\$0	\$0				
Wher Regulatory Assets - Sub-Account - Other	1508	50				50	10				
letall Cost Variance Account - Retril	1518	-37,846	-\$728			-58,675 50	-5037 50	+\$120			-30
Visc, Ceferred Dobits Bosed-Approved CDM Vanance Account	1525	50 50				50	50				
Extra-Ordinary Event Costs	1572	10				50	50				
Deferred Rate Impact Amounts	1574	30				50	50				
SVA - Cne-time	1582	50				50	50				
Other Deferred Credits	2425	50				50	\$0				
Group 2 Deb-Total		\$12,078	-\$729	10	\$0	\$11,350	\$904	\$173	50	50	\$1,0
Tius and Tax Variance for 2006 and Subsequent Years. texcludes sub-account and contra account below)	1502	50				50	50				
Fil.s and Tax Variance for 2005 and Subsequent Years - Sub-Account HST/DVAT	1502										
gul Tax Credits (ITCs)	1392	-122,009				-\$22,039	-5324	-\$324			-54
fotal of Group 1 and Group 2 Accounts (Including 1562 and 1592)		5119,174	\$135,969	50	50	\$255,173	\$57,265	\$1,917	50	-5122 252	-164,0
RAM Variance Account	1563	-57,190	-18,620		\$39,934	\$24,124	59	\$137		\$331	52
Total Including Account 1688		\$111,084	3127,379	\$0	\$39,904	\$279 297	\$57,273	\$1,760	50	-5122 921	-563,6
Renewable Generation Connection Capital Deformal Account	1531	50			\$449		80			\$1,617	-51,6
Renovable Generation Connection OM&A Deferral Account	1532	50			\$915		50				
Renewable Generation Connection Funding Adder Deferral Account	1533	50				50 50	50				
Irnart Grid Capital Deferral Account Irnart Grid OMSA Deferral Account	1534	50				30	50				
imert Grid Ottiša Determi Account Imert Grid Funding Adder Deferral Account	1536	50				50	30				
Ratal Cost Variance Account - STR	1548	512,470	5264			\$12,734	5056	5188			51,0
iment Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>6</sup>	1565	\$39,469				\$39,469	\$1,376				\$1,5
mart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>5</sup>	1555	-\$59,251	\$59,600		5440		151,12	-5433		\$1,617	
Irnart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Cosis <sup>®</sup>	1555	\$869	\$48		-1915		50				
irrart Meter Ott&A Variance <sup>5</sup>	1556	-50				-30	+50				9
FRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>6</sup>	1575	-\$44,145	\$22,073			+522,072		FROM BEEG			
Accounting Changes Under CGAAP Balance + Return Component <sup>®</sup>	1576	\$0				50		DESCRIPTION AND	10:211113:276		

			2	015		Projected Inte	rest on Dec-31-1-	4 Balances	2.1.7 RRR	
Account Descriptions	Account Number	Principal Uniposition Justing 2015 - instructed by Board	Disposition during 2015 - traineded by Beard	Closing Principal Entrope at of Day 3; 4: Adjusted for Disposition shallog 275	Claring tensors Educate and Duc R-D Adjunction Dispersions ducing 2018	Projected Interest from Jun 1, 2015 to Documber 34, 2015 on Dec 31 - 11 halance adjusted for disposition during 2016	Projected Interest from Jamusy 1, 2006 to April 30, 2006 on Dec 31 -18 balance adjusted for disposition during 2005. 5	Total Clain	As of Dec M-H	Variance RER vs. 2004 Balance Writish of * Intercoll
Group 1 Accounts										
LV Vorlens-Account  Brand Strainty Congo Vorlance Account Brown Strainty Congo Vorlance Account BROWN - Violense Exhibit Service Change BROWN - Real Transmission Network Change BROWN - Real Transmission Connaction Change BROWN - Real Transmission Connaction Change BROWN - Report (Encoding Codes) Administration BROWN - Proving (Encoding Codes) Administration	1550 1551 1580 1584 1586 1586	\$367,351 \$3,417 -350,294 \$210,706 -353,624 \$225,517	51,447 \$110 -32,144 \$5,736 -5807 \$7,660	-5121,176 \$742 \$1,711 -5117,214 \$51,554 -5257,512	-51,495 -510 5519 -51,651 5163 -50,007	20 (1,390)	(444) 3 6 (455) 159 (1,024)	-5124 543 5735 52,256 -5120,002 562,570 -5234-031	\$148,125 \$4,261 -868,300 \$97,376 -62,804 \$57,472	-1 5: -1: -1: -1:
RSUA: Civilia Edynateuria  Biologo Civilia Edynateuria  Biopositoria and Recompilia Bard of Regulatory Staterous (CCCI)  Biopositoria and Recompilia Bard of Regulatory Staterous (CCCI)  Biopositoria and Recompilia Bard of Regulatory Staterous (CCCI)  Biopositoria and Recompilia Bard of Regulatory Staterous (CCI)  Compositoria and Recompilia Bard of Regulatory Staterous (CCI)	1589 1595 1595 1595 1595 1595	\$81,627 \$0 \$0 \$2,672 \$5546	\$3,636 \$0 \$0 -\$2,863 -\$761 -\$2,372	\$137,372 ±0 \$0 \$0 -10 \$0 \$5	-\$1,525 \$0 \$0 -\$42 -3666 \$21	0	504 0 0 0 0 0	\$537,751 90 90 5-2 4605 \$26	\$200,732 50 50 -\$2,000 \$1,640 -32,654	5 5 5 5 -0
Disposition and RecoveryRefund of Regulatory Salances (2013) Disposition and RecoveryRefund of Regulatory Balances (2014)	1595	200		\$1,269 -\$49.903	52,773 -068 106	15 (590)	(163)	54,661	\$4,042 -5118,489	\$1 \$1
George 1 Selt-Total (including Account 1583 - Global Adjustment) Group 1 Selt-Total (excluding Account 1689 - Global Adjustment) BSVA - Global Adjustment	1509	5649.024 5587.397 \$61,627	\$9,356 \$5,821 \$3,535	-5303.182 -5520,554 -5137,392	-573,656 572,033 -51,623	\$4,649 \$6,203 \$1,636	-51,425 -51,509 3504	-5.492,592 -9602,703 \$132,711	\$201,340 9620 \$200,732	1 %
Group 2 Accounts										
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Copital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance -	1508 1508			\$19,925 \$0	\$1.434 \$0	204	73	\$21,689 \$3	\$21,357	-51
Ontario Clean Energy Bonefit Act <sup>a</sup> Other Registrory Assets - Sub-Account - Fittencial Assistance Payment and Recovery Carrying Charges	1508			10	\$0 50			10		5
Other Regulatory Assets - Sub-Account - Other <sup>6</sup> Retal Cost Varience Account - Retail Most Deferred Debits	1508 1518 1525	eracan.		50 -59.575 10	50 -5357 50	(102)	an	\$5 -59,000 \$0	-38,530	\$4 5 5 5
Board-Approved CDM Verlance Account Evide Octhory Fever Cooks Deferred Rate lespact Amounts RDVA - One-Home	1567 1572 1574 1582			50 50 50	50 50 50			\$0 \$0 \$0 \$0		5 5 5 5
Other Deferred Credits	2425	SECONDARY.		\$0	50	SPECIFICATION OF SERVICE		50		\$1
Gacop 2 Sub-Total		\$0	50	\$11,350	31,077	\$135	142	\$12,004	\$12,426	,
Fills and Tax Variance for 2006 and Subsequent Years (writides sub-account and contra account below) Fills and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/DVAT (root Tax Credis (170s))	1592			50 -522 000	30	(2)(3)	en	422,034	\$0 4\$22.4.67	3
Total of Group 1 and Group 2 Accounts (including 1552 and 1592)		5649,024	\$9,356	+1203,851	-573.472	-\$4,697	-91,444	-5473,410	\$191,100	-6
LIVAM Variance Account	1064	SERVEN		\$24,124	\$292	0.0007/1/17/17/17 268	1,000 000 000	\$24,703	315300	+640,29
Total including Account 1668		\$649,024	\$9,350	-5269,727	-\$73,225	-54,409	-51,256	-6448,716	\$175,161	-540,26
Research Generation Connection Capital Enterial Account Research Generation Connection CARS - Database Account Research Generation Connection CARS - Database Account Research Generation Connection Funding Acider Defermi Account Service Cold Copital Capitaria Account Service Cold CORSA Carbineria Account Service Cold CORSA Carbineria Account Research Cold Connection Connection Connection Research Cold Connection Connection Connection Service Cold Connection C	1531 1532 1533 1534 1535 1536 1548 1555			\$449 \$615 \$0 \$0 \$0 \$0 \$12,734 \$39,400 \$0	-51.617 50 50 50 50 50 51.040 51.950 53	0 152 (0) 0	2 3 0 0 0 47 (31)	-51,881 1020 50 50 50 50 513,973 541,394	\$13,777 \$41,429 \$1,160	-\$1.16
Smirt Millur Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs* Smart Millur DMSA Variance*	1555	1.23.24		·10	\$0 -50	0		\$9 -59	5015	501
IFRS-CGAAP Transition PPSE Amounts Salance + Raturn Component <sup>®</sup> Accounting Changes Under CGAAP Balance + Return Component <sup>®</sup>	1575 1576	ALL VALUE		-922,042 <b>50</b>				422,072 \$9	-\$22.977	1

# **EDDVAR Model – Appendix A**

Account Descriptions	Account Number	Varia: RRR vs. 201- (Principal +	4 Balance	Explanation
Group 1 Accounts				
LV Variance Account	1550	\$	(0.77)	Rounding
RSVA - Wholesale Market Service Charge	1580	\$	(0.39)	Rounding
RSVA - Retail Transmission Network Charge	1584	\$	(0.81)	Rounding
RSVA - Retail Transmission Connection Charge	1586	\$	(0.09)	Rounding
RSVA - Power (excluding Global Adjustment)	1588	\$	(0.20)	Rounding
RSVA - Global Adjustment	1589	\$	0.89	Rounding
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$	(1.73)	Rounding
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$	(0.32)	Rounding
Retail Cost Variance Account - Retail	1518	\$	1.22	Rounding
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT	1592	\$	0.12	Rounding
LRAM Variance Account	1568	\$ (	(40,265.00)	Adjustment made to reflect true-up LRAM amount
Renewable Generation Connection Capital Deferral Account	1531	\$	1,167.86	Amount transferred from 1555 Sub-Account-Recoveries
Renewable Generation Connection OM&A Deferral Account	1532	\$	(915.00)	Amount transferred from 1555 Sub-Account-Stranded Meter Costs
Retail Cost Variance Account - STR	1548	\$	0.63	Rounding
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital5	1555	\$	0.89	Rounding
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries5	1555	\$	(1,168.00)	Since the EDDVAR model does not incorporate the 1555 account into the rate rider calculations, this amount was transferred to 1531 In order to dispose of balances in 1555.
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs5	1555	\$	915.00	Since the EDDVAR model does not incorporate the 1555 account into the rate rider calculations, this amount was transferred to 1532 In order to dispose of balances in 1555.
Smart Meter OM&A Variance5	1556	\$	0.43	Rounding

# **EDDVAR Model – Billing Determinants**

Rate Class (June Ken Curve) or fish links on Engagonal on your swited fact of ealers and observed.	Units	# of Customers	Total Matered KWh	Total Metered kW	Billed kWh for ison-APP Customers	Billed kits for tion-RPP Customers	Distribution Revenue 1	Billed kY/n for Wholesale Market Participants (WMP)		Total Metered k/th  ess WMP consumption gf applicable)	Total Melered XIV less WMP Demand (If applicable)	GA Allocator for Class A, Non-WMP Gustomers (if applicable) <sup>3</sup>	Billed May 200	Billed kW for Class A Non-WKP Customers (If applicable)	Billed IWh for Non-RPP Customers LESS Class A Consumption	LESS	1505 Recovery Share Proportion (2005) <sup>2</sup>	1505 Receivery Share Proportion (2005) <sup>2</sup>
RESIDENTIAL	MAP -	50%	41 307 918		2.197.836		1.415.689			41 307 518					7.197.636			
GENERAL SERVICE LESS THAN 50 KW	WVV	739	20,781,605	and the state of the	3,810,600		450,671	Section Services		20,781,605					3,810,600			
GENERAL SERVICE SCITO 4,999 KW	99V -	54	39.831.072	118.927	40,987,268	170.321	423.173			39.831,072	116,927	12 112 11	255 3445	Consultation of	40,587,786	129,321		
	WVb	50	572,371		58,857		10.285		0.0000000000000000000000000000000000000	572,371		a significant	Chemical C	100000000000000000000000000000000000000	58,857			
	WV -	75	107,834	799		6	6.382	A	1,5000000000000000000000000000000000000	107,884	799	25.00	Section 2		2,821			
STREET LIGHTING	WY	1711	730,852	1,992	677,510	1847	117 105		1.17	730,852	1,992			in the same	427,510	1,847		
	200-2	1200	William									1.7	2 16 21 77				C - L C /	and the state of
Plant, out their, " " " " a principal	500	112 / 200	dia.	7.7	7.00		2 7						0.142, 1414				*************	
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	17,23	12000 1 1 12	44 A 12 CVC		45		1 0 0	212 07250		141	_	Acres 1 pa	64 .15					
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	10.0		. 'SC. " years . !	Carrier						-	-							
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(Note the West and the property of the contract of the Contrac	17/27	- Y - Jan 2	1111111111111	COLUMN	1000		27							_		· · · · · · · · · · · · · · · · · · ·	200 2 50 50 300	20 C 10 10 10 10 10 10 10 10 10 10 10 10 10
Total	1	7.714	103,331,704	119,211	47,734,891	122,175	5 2,423,305	L		103,331,704	119,713	0%			47,734,801	122,175	O5	

Rate Class  Control Know Classicum, an individual was stray appears and price invested control  (1845) with Whitepas)	Units	# of Customers	Total Metered K/Vh	Total Metered kW	Billed kv/in for Non-RPP Customers	Billed NW for Non-RPP Customers	Distributios Revenue 1	1595 Recovery Share Proportion (2010) <sup>2</sup>	1505 Recovery Share Proportion (2011) <sup>2</sup>	1505 Recovery Share Proportion (2012) <sup>2</sup>	1595 Recovery Share Proportion (2013) <sup>2</sup>	1595 Recovery Share Proportion (2014) <sup>2</sup>	1568 LRAM Variance Account Class Allocation (5 amounts)
PESIDENTIAL	MAYN:	5.066	41,307,018		2 107 836		1.415.679	47%	- 0%	47%	305		0.008
GENERAL SERVICE LESS THAN 50 KW	MWh:	739	20,781,605	4 4 4 7 7 4 7 7	-3.810.600		450.671	17%	17%	17%	105		19.94
GENERAL SERVICE 50 TO 4 999 KW	Nov.	64	19,831,072	116,007	40,587,288	120,321	473 173	35%	2006	10000000	403	100 Au	6.370
UNMETERED SCATTERED LOAD	KWh:	- 50	572,371	"am and "tay 11.	58,857		10.285	C%	C%	5%	Ox.		
SENTINEL LIGHTING	KW.	75	107,884			8	0.382	C%	C%	0%	OS.	2000 00	42
STREET LIGHTING	KW.	1711	730 852	1.997	677,510	1,847	117,106	195	15	1%	18	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	100000		A 200 10 10 10 10 10 10 10 10 10 10 10 10 1	There is you	ment all a significant	- 2	29 03 2 3		Andrew Service States Tilly	E - 1	CY.	11 ptg - 200 to 12	22700
	1020W	Server and a	all you provide the	Control Heart	1 10 52502		25 D. S. 45 S. 54	stable or post-	CONTRACTOR OF THE	1100,900,000	Ja Sentagnes (Chicken)	Marine and I at	
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	13.731	27.000		20,000	Continued Congress		-170.		11,2111	2 2 27 637 57 57 7			
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A CONTRACTOR OF THE STATE OF TH	1550-137	1, 2010/12/87		promotioner .	1775777		A1255 C CC.			Z= ,0000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	And the second second	
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The state of the s	255 JUSE	10000	Laws and year	V	211 7		11 11 11				The Property and the	22.5.2	
	and this inter-	1,000,000,000		120011-010-0	Santage Co. L.		1. 1. 1. 1. 1. 1.	Martine Color Color			CONTRACTOR OF	-	2 10° 2 22° 3
A service of the serv	DOM:	- CALL PARTY	Training to both	and the state of the	This territory will		and the state of the	The second second	1,500 mm 25	the transfer of the	and the investment of the	62	A SECTION ASSESSED.
Total		7,714	103,331,704	119,210	47,734,991	122,175	5 2,423,305	100%	100%	100%		0%	\$ 74,703

Amounts from the part of the	(130) (130) (130) (130) (130) (120) (120) (130) (130) (10) (11) (10) (11) (10) (11) (10) (11) (10) (11) (11	\$TREET LIGHTING  (881) 0 0 16 (855) 371 (2,086) 1,955 0 0 (0) (0) (1) (1) (1) (1) (2) (3) (3) (3) (4) (4) (5) (7) (7) (8) (8) (9) (9) (9) (9) (9) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
Smart Metering Entity Charge Variance Account   1551   735   8 of Customers   642   94   0   0   0   0   0   0   0   0   0	0 2 (128) 55 (308) 8 8 0 0 (0) (1) (1) 0 4 4 0 (504) 57 0 0 0	0 16 (855) (855) (855) (771) (2.086) (1.955) (2.086) (1.955) (0.00) (0.00) (41) (42) (43) (45) (44) (45) (45) (45) (45) (45) (45
RSVA - Virolessele Market Service Charge	2 (128) 55 (308) 8 0 0 (0) (1) 0 4 0 0 (504) 57 0 0	16 (855) 371 (2,066) 1,955 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
RSVA - Retal Transmission One-control Network Charge   1594   (120,893)   kWh   (49,328)   (24,313)   (46,600)   (670)	(126) 55 (308) 8 0 0 (0) (1) 0 4 0 55 7 0 0	(855) 371 (2,086) 1,955 0 0 0 0 (4) (4) 0 57 0 (3,382) 1,047 0
RSVA - Power Goodward Robat Algustment   1588   52,520   kWh   20,986   10,563   20,246   291	55 (308) 8 0 0 (0) (1) 1 0 4 4 0 0 (504) 57 0 0	371 (2,086) 1,965 0 0 (0) (4) 0 57 0 0 (3,382) 1,047
RSVA - Power (excluding Global Adjustment)   1588   (294,981)   KWh   (117,922)   (69,325)   (113,706)   (16,544)	(308) 8 0 0 (0) (11) 0 4 0 (504)	(2,086) 1,955 0 0 0 (0) (4) 0 57 0 (3,382)
SSVA - Global Adjustment   1598   137.711   Non-RPP WVh   6.341   10.993   118.245   170	8 0 0 (0) (1) 0 4 0 (504)	1,955 0 0 (0) (4) 0 57 0 (3,382) 1,047 0
Disposition and RecoveryPelland of Regulatory Balances (2009)   1595   0   %   0   0   0   0   0   0   0   0	0 0 (0) (1) 0 4 0 (504) 57 0	0 0 (0) (4) 0 57 0 (3,382) 1,047
Disposition and Recovery/Reland of Regulatory Balances (2019)   1595   (42   %, (20)   (7)   (15)   (0)	0 (0) (1) (1) 0 4 0 (504) 57 0	0 (0) (4) 0 57 0 (3,382) 1.047 0
Disposition and Recovery/Felland of Regulatory Balances (2011)   1595   (42)   5% (20)   (7)   (15)   (0)	(0) (1) 0 4 0 (504) 57 0	(0) (4) 0 57 0 (3,382) 1,047
Disposition and Recovery/Fethand of Regulatory Balances (2011)   1595   (605)   5%   (283)   (105)   (211)   (2)	(1) 0 4 0 (504) 57 0	(4) 0 57 0 (3,382) 1,047
Disposition and Recovery/Febrard of Regulatory Balances (2013)   1595   28   56   12   4   9   0	0 4 0 (504)	0 57 0 (3,382) 1,047
Disposition and RecoveryPethand of Regulatory Balances (2013)   1595   4,061   5%   1,588   7.88   1,508   16	4 0 (504) 57 0	57 0 (3,382) 1,047 0
Disposition and Recovery/Febrard of Regulatory Salances (2014)   1595   (119,218)   56   0   0   0   0   0   0   0   0   0	0 (504) 57 0	0 (3,382) 1,047 0
	(504) 57 0	(3,382) 1,047 0
Other Regulatory Assets - Sub-Account - Delemed FRS Transition Costs   1508   21,869   Distribution Rev.   12,869   4,030   3,784   92	57 0 0	1,047
Other Regulatory Assets - SUA-Account - Incremental Capital Changes   1598   0	0	0
Other Regulatory Assetts - Sub-Account - Incremental Cipital Charges         1508         0	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Valence - Ontario Clear Energy Benefit Act88	0	
and Recovery Variance - Ordatio Clean Energy Benefit Act8         1508         0	_	0
Other Regulatory Assets - SUB-Account - Financial Assistance Payment and Recovery Control Charges   1508   0   0   0   0   0   0   0   0   0		
and Recovery Carrying Charges         1508         0         <		
Other Regulatory Assets - SixP-Account - Other 4         1508         0         <	U	0
Retail Cost Variance Account - Retail   1518   0.056   st Customers   (5.954)   (858)   (75)   (89)	0	0
Misc. Deferred Debits         1525         0         10         89         8         7         115         2 of Customers         610         89         8         7         Debremo Rate Impact Amounts         1574         0	(88)	(2.011)
Retail Cost Variance Account - STR   1548   13.972   st of Customers   9,177   1,339   116   107	0	0
Board-Approved CDM Variance Account	136	3.099
Extra-Ordinary Event Costs 1572 959 # of Customers 610 89 8 7  Obterined Rate Impact Amounts 1574 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(11)	(257)
Defensed Rate Impact Amounts         1574         0         0         0         0         0           RSVA - One-time         1552         0         0         0         0         0           Other Defensed Credits         2425         0         0         0         0         0	9	206
RSVA - One-time 1582 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0
Other Deferred Credits 2425 0 0 0 0 0 0	0	0
	0	0
	103	2.084
	100	2,004
PLE and Tax Variance for 2006 and Subsequent Years (sexcludes sub-occupat and control accounts) 1592 0 0 0 0 0 0 0 0 0 0	0	0
PILs and Tax Variance for 2006 and Subsequent Years - 1592 (23,031) Distribution Rev. (13,455) (4,283) (4,022) (98)	(61)	(1,113)
Sub-Account HST/OVAT Input Tax Credits (ITCs)	1 1	
Total of Account 1562 and Account 1592 (23,031) (13,455) (4,283) (4,022) (98)	(61)	(1,113)
LRAM Variance Account (Enter dollar amount for each class) 1568 24.703 (1.608) 19.942 6.370 0	0	0
LEXAM Valiance Account criter donar amount or each class   1500   24,703   (1,000)   19,942   0,370   0	U	0
Variance (1)		
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595) (188.761) (75.189) (35,029) (72,979) (1,054)	(198)	(1.311)
Total of Grount 1 Accounts (1530), 1531, 1504, 1506 alini 1539) (156,761) (15,169) (150,001) (15,169) (150,001) (15,169) (150,001) (15,169) (150,001) (15,169) (150,001) (150,00	(306)	(2.070)
Balance of Account 1589 Allocated to Non-WMPs 137.711 6.341 10.993 118.245 170	8	1.955
Qualities of recognition for recognition for the first transfer of		1,000
Balance of Account 1599 allocated to Class A Non-WMP Customers 0 0 0 0 0		0
Group 2 Accounts - Total balance allocated to each class 25,346 15,730 4,478 3,823 128	0	
	103	2,084
[FRS-CGAAP Transition PP&E Amounts Balance + Return Component 1575 (22,072) (14,495) (2,114) (183) (169)	103	
Accounting Changes Under CGAAP Balance + Return Component 1576 0 0 0 0 0	103	(4,896)
Total Balance Allocated to each class for Accounts 1575 and 1576 (22,072) (14,495) (2,114) (183) (169)	103	

## Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)

1550, 1551, 1584, 1586, 1595

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL	kWh	41,307,918	-\$ 75,189	- 0.0018	\$/kWh
GENERAL SERVICE LESS THAN 50 KW	kWh	20,781,605	-\$ 38,029	- 0.0018	\$/kWh
GENERAL SERVICE 50 TO 4,999 KW	kW	116,927	-\$ 72,979	- 0.6241	\$/kW
UNMETERED SCATTERED LOAD	kWh	572,371	-\$ 1,054	- 0.0018	\$/kWh
SENTINEL LIGHTING	kW	299	-\$ 198	- 0.6627	\$/kW
STREET LIGHTING	kW	1,992	-\$ 1,311	- 0.6583	\$/kW
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
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		-	\$ -	-	
		-	\$ -	-	
Total			-\$ 188,761		

#### Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP

580 and 1588

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL	kWh	41,307,918	-\$ 117,020	- 0.0028	\$/kWh
GENERAL SERVICE LESS THAN 50 KW	kWh	20,781,605	-\$ 58,872	- 0.0028	\$/kWh
GENERAL SERVICE 50 TO 4,999 KW	kW	116,927	-\$ 112,836	- 0.9650	\$/kW
UNMETERED SCATTERED LOAD	kWh	572,371	-\$ 1,621	- 0.0028	\$/kWh
SENTINEL LIGHTING	kW	299	-\$ 306	- 1.0229	\$/kW
STREET LIGHTING	kW	1,992	-\$ 2,070	- 1.0393	\$/kW
		-	\$ -	-	
		•	\$ -	-	
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		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
Total			-\$ 292,725		

### Rate Rider Calculation for RSVA - Power - Global Adjustment

Balance of Account 1589 Allocated to Non-WMPs

Rate Class (Enter Rate Classes in cells below)	Units	Non-RPP kW / kWh / # of Customers	Balance of RSVA - Power - Global Adjustment	Rate Rider for RSVA - Power - Global Adjustment	
RESIDENTIAL	kWh	2,197,836	\$ 6,341	0.0029	\$/kWh
GENERAL SERVICE LESS THAN 50 KW	kWh	3,810,600	\$ 10,993	0.0029	\$/kWh
GENERAL SERVICE 50 TO 4,999 KW	kW	120,321	\$ 118,245	0.9827	\$/kW
UNMETERED SCATTERED LOAD	kWh	58,857	\$ 170	0.0029	\$/kWh
SENTINEL LIGHTING	kW	8	\$ 8	1.0417	\$/kW
STREET LIGHTING	kW	1,847	\$ 1,955	1.0584	\$/kW
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
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		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	1
Total			\$ 137,711		

# **Rate Rider Calculation for Group 2 Accounts**

Rate Class (Enter Rate Classes in cells below)	Units	Non-RPP kW / kWh / # of Customers	Ва	lance of Group 2 Accounts	RSV	te Rider for 'A - Power - Global djustment
RESIDENTIAL	# of Customers	5,066	\$	15,730	\$	0.26
GENERAL SERVICE LESS THAN 50 KW	kWh	20,781,605	\$	4,478	\$	0.0002
GENERAL SERVICE 50 TO 4,999 KW	kW	116,927	\$	3,823	\$	0.0327
UNMETERED SCATTERED LOAD	kWh	572,371	\$	128	\$	0.0002
SENTINEL LIGHTING	kW	299	\$	103	\$	0.3432
STREET LIGHTING	kW	1,992	\$	2,084	\$	1.0463
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
		-	\$	-	\$	-
Total			\$	26,346		

#### **Rate Rider Calculation for Accounts 1568**

Please indicate the Rate Rider Recovery Period (in years) 1

Rate Class	Units	kW / kWh / # of		Balance of	Rate Rider for	
(Enter Rate Classes in cells below)	Onits	Customers		Account 1568	Account 1568	
RESIDENTIAL	kWh	41,307,918	-\$	1,608	- 0.0000	\$/k
GENERAL SERVICE LESS THAN 50 KW	kWh	20,781,605	\$	19,942	0.0010	\$/k
GENERAL SERVICE 50 TO 4,999 KW	kW	116,927	\$	6,370	0.0545	\$/k
UNMETERED SCATTERED LOAD	kWh	572,371	\$	-	-	\$/1
SENTINEL LIGHTING	kW	299	\$	-	-	\$/k
STREET LIGHTING	kW	1,992	\$	-	-	\$/1
		-	\$	-	-	
		-	\$	-	-	1
		-	\$	-	-	1
		-	\$	-	-	1
		-	\$	-	•	
		-	\$	-	•	
		-	\$	-	•	
		-	\$	-	-	
		-	\$	-	•	
		-	\$	-	•	
		-	\$	-	•	
_		-	\$	-	•	
_		-	\$	-	-	
		-	\$	-	•	
Total			\$	24,703		1

# Appendix 9.2 – Smart Meter Model

Ontario Energy Board  Smart Meter Model for  Electricity Distributors  2016 Filers		
Utility Name Rideau St. Lawrence Distribution Inc.	Version	6.00

Assigned EB Number EB-2015-0100

Name and Title Peter Soules, Chief Financial Officer

Phone Number (613) 925-3851

Email Address psoules@rslu.ca

Date 6/22/16

Last COS Re-based Year 2012

#### **Smart Meter Model - Smart Meter Costs**



Smart Meter Ca	pital Cost and Operational Expense Data	2068 Audited Actual	2007 Audited Actual	2011 Audited Actual	2012 Audited Actual	2013 Audited Actual	2014 Forecast	2015 Forecast	2016 Forecast	Total
3 Aggregate S	imart Meter Costs by Category									
3.1	Capital									
3.1.1	Smart Meter	5 -	\$ .	s .	\$ -	\$ -	3 .	s -	\$ .	3 -
5.1.2	Computer Hardware	\$ .	\$ .	\$ 39,470	\$ .	\$ -	s .	\$ -	\$ -	\$ 39,470
3.1.3	Computer Software	\$ -	\$ .	\$ .	\$ -	\$ -	\$ -	\$ -		s -
3.1.4	Tools & Equipment	\$ .	\$ -	\$	\$ -	8	3 -	3 -	\$ -	\$ -
3.1.5	Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ .
3.1.6	Applications Software	s -	\$ .	\$ .	\$ -	\$ -	\$ -	s -	\$ .	s .
3.1.7	Total Capital Costs	5 ·	\$ ·	\$ 39,470	š .	š .	\$ .	5 -	\$ .	\$ 39,470
3.2	OM&A Costs									
3.2.1	Total OM&A Costs	\$ .	š .	š .	\$ -	\$ -	\$	\$ -	<u> </u>	\$ ·

### **Smart Meter Model – Cost of Service Parameters**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Cost of Capital Capital Structure <sup>1</sup>											
Deemed Short-term Debt Capitalization						4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Deemed Snort-term Debt Capitalization  Deemed Long-term Debt Capitalization		0.0%	60.0%	60.0%	60.0%	56.0%	56.0%	56.0%	56.0%	56.0%	56.0%
Deemed Equity Capitalization	100.0%	100.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
Preferred Shares	1001070	1001070		101070	101070	101070	101075		10.070	10.070	
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters											
Deemed Short-term Debt Rate						4.47%	2.08%	2.08%	2.08%	2.08%	1.65%
Long-term Debt Rate (actual/embedded/deemed) <sup>2</sup>	5.80%	5.80%				4.99%	3.75%	3.75%	3.75%	3.75%	3.43%
Target Return on Equity (ROE)	9.0%	9.00%				8.57%	9.12%	9.12%	9.12%	9.12%	9.19%
Return on Preferred Shares											
WACC	9.00%	9.00%	0.00%	0.00%	0.00%	6.40%	5.83%	5.83%	5.83%	5.83%	5.66%
Working Capital Allowance											
Working Capital Allowance Rate						15.0%	15.0%	15.0%	15.0%	15.0%	7.5%
(% of the sum of Cost of Power + controllable expenses)											
Taxes/PILs											
Aggregate Corporate Income Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation Rates											
(expressed as expected useful life in years)											
Smart Meters - years											
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Computer Hardware - years						5	5	5	5	5	5
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years - rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Tools & Equipment - years	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Equipment - years	0.007.0	0.0070	0.0010	0.007.0	0.007	010070	0.007.0	0.007.0	0.007.0	0.0070	0.0070
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CCA Rates											
Smart Meters - CCA Class											
Smart Meters - CCA Rate											
Computer Equipment - CCA Class						50	50	50	50	50	50
Computer Equipment - CCA Rate						55%	55%	55%	55%	55%	55%
Constal Equipment COA Class											
General Equipment - CCA Class											
General Equipment - CCA Rate											
Applications Software - CCA Class											
Applications Software - CCA Rate											

### **Smart Meter Model – Smart Meter Assets and Rate Base**

N. 5	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Net Fixed Assets - Smart Meters  Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ - \$	\$ - \$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	s - \$ - \$	- \$ - \$	- \$ - \$	:
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - S \$ - S	\$ - \$ \$ - \$	- - - - - - -	- \$ - \$ - \$	-
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- S - S	- \$ - \$	- \$ - \$	-					
Net Fixed Assets - Computer Hardware											
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ - \$	\$ - \$ -	\$ - \$ - \$	\$ - \$ - \$ -	\$ - \$ 39,470 \$ 39,470	\$ 39,470 \$ \$ - \$ \$ 39,470 \$	39,470 \$ 5 - \$ 6 39,470 \$	39,470 \$ - \$ 39,470 \$	39,470 \$ - \$ 39,470 \$	39,470
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - -\$ 3,947 -\$ 3,947	-\$ 3,947 -5 -\$ 7,894 -5 -\$ 11,841 -5	7,894 -\$	19,735 -\$ 7,894 -\$ 27,629 -\$	27,629 -\$ 7,894 -\$ 35,523 -\$	35,523 3,947 39,470
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ 35,523 \$ 17,761	\$ 35,523 \$ 27,629 \$ 31,576 \$	19,735 \$	19,735 \$ 11,841 \$ 15,788 \$	11,841 \$ 3,947 \$ 7,894 \$	3,947 - 1,973
Net Fixed Assets - Computer Software (including Application	ons Software)										
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- \$ - \$	- \$ - \$	- \$ - \$	-
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ - \$ - \$ -	\$ - \$ - \$	\$ - \$ - \$	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- \$ - \$	- s - s	- - - - - -	-
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ -	- \$ - \$	- \$ - \$	- \$ - \$	-					
Net Fixed Assets - Tools and Equipment											
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- \$ - \$	- \$ - \$	- \$ - \$	- - -
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - <u>\$</u> \$ - <u>\$</u> \$ - <u>\$</u>	- \$ - \$ - \$	- \$ - \$	- \$ - \$	-
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- \$ - \$	- \$ - \$	- \$ - \$						
Net Fixed Assets - Other Equipment											
Gross Book Value Opening Balance Capital Additions during year (from Smart Meter Costs) Retirements/Removals (if applicable) Closing Balance	\$ - \$ -	\$ - \$ - \$	\$ - \$ \$ - \$ \$ - \$	- \$ - \$	- \$ - \$	- \$ - \$	:				
Accumulated Depreciation Opening Balance Amortization expense during year Retirements/Removals (if applicable) Closing Balance	\$ - \$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- \$ - \$	- \$ - \$	- - - - - - -	-
Net Book Value Opening Balance Closing Balance Average Net Book Value	\$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$	- \$ - \$ - \$	- \$ - \$	- \$ - \$	:					

### **Smart Meter Model – Smart Meter Revenue Requirement**

	:	2006		2007		2008		2009			2010		2011		2012		2013		2014		2015		2016
Average Net Fixed Asset Values (from Sheet 4)																							
Smart Meters	\$	-	\$	-	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Computer Hardware	\$	-	\$	-	\$	-	\$		-	\$	-	\$	17,761	\$	31,576	\$	23,682	\$	15,788	\$	7,894	\$	1,973
Computer Software	\$	-	\$	-	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Tools & Equipment	\$	-	\$	-	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	\$	-	\$	-	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total Net Fixed Assets	\$	-	\$	-	\$	-	\$			\$	-	\$	17,761	\$	31,576	\$	23,682	\$	15,788	\$	7,894	\$	1,973
Working Capital																							
Operating Expenses (from Sheet 2)	\$	-	\$	-	\$	-	\$			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Working Capital Factor (from Sheet 3)		0%		0%		0%		0%			0%		15%		15%		15%		15%		15%		8%
Working Capital Allowance	\$	-	\$	-	\$	-	\$			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Incremental Smart Meter Rate Base	<u>s</u>		<u> </u>		- <del>-</del>		_ <u>_</u>		<del>.</del>	<u> </u>		- <u>-</u>	17,761	<u> </u>	31.576	<u>s</u>	23,682	5	15.788	<u> </u>	7.894	<u> </u>	1,973
	•		•		•		•			•		•	,	•	,	•	,	•	,	•	.,	•	.,
Return on Rate Base																							
Capital Structure																							
Deemed Short Term Debt	\$	-	\$	-	\$	-	\$		-	\$	-	\$	710	\$	1,263	\$	947	\$	632	\$	316	\$	79
Deemed Long Term Debt	\$	-	\$	-	\$	-	\$		-	\$	-	\$	9,946	\$	17,683	\$	13,262	\$	8,841	\$	4,421	\$	1,105
Equity	\$	-	\$	-	\$	-	\$		-	\$	-	\$	7,105	\$	12,630	\$	9,473	\$	6,315	\$	3,158	\$	789
Preferred Shares	\$		\$		\$	-	\$		-	\$	-	\$		\$		\$	-	\$		\$		\$	
Total Capitalization	\$	-	\$	-	\$	-	\$		-	\$	-	\$	17,761	\$	31,576	\$	23,682	\$	15,788	\$	7,894	\$	1,973
Return on																							
Deemed Short Term Debt	\$	-	\$	-	\$	-	\$		-	\$	-	\$	32	\$	26	\$	20	\$	13	\$	7	\$	1
Deemed Long Term Debt	\$		\$		\$	-	\$		-	\$	-	\$	496	\$	663	\$	497	\$	332	\$	166	\$	38
Equity	\$		\$		\$	-	\$		-	\$	-	\$	609	\$	1,152	\$	864	\$	576	\$	288	\$	73
Preferred Shares	\$	-	\$	-	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total Return on Capital	\$	-	\$	-	\$	-	\$		-	\$	-	\$	1,137	\$	1,841	\$	1,381	\$	921	\$	460	\$	112
Operating Expenses	\$		\$	-	\$	-	s			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Amortization Expenses (from Sheet 4)																							
Smart Meters	\$		\$		\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Computer Hardware	\$	-	\$	-	\$	-	\$		-	\$	-	\$	3,947	\$	7,894	\$	7,894	\$	7,894	\$	7,894	\$	3,947
Computer Software	\$		\$		\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Tools & Equipment	\$	-	\$	-	\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	\$		\$		\$	-	\$		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total Amortization Expense in Year	\$	-	\$	-	\$	-	\$		-	\$	-	\$	3,947	\$	7,894	\$	7,894	\$	7,894	\$	7,894	\$	3,947
Incremental Revenue Requirement before Taxes/PILs	\$	-	\$	-	\$	-	\$		_	\$	-	\$	5,084	\$	9,735	\$	9,275	\$	8,815	\$	8,354	\$	4,059
Calculation of Taxable Income																							
Incremental Operating Expenses	s		s		\$	-	s		-	s	-	S	-	s	-	\$	-	s	-	\$	-	\$	-
Amortization Expense	\$	-	\$		\$		Š			\$		Š	3,947	\$	7,894	Š	7,894	\$	7,894	\$	7,894	Š	3,947
Interest Expense	š		š		Š		Š			Š		Š	528	s	689	s	517	s	345	Š	172	Š	39
Net Income for Taxes/PILs	\$	-	\$	-	\$	-	\$		-	\$	-	\$	609	\$	1,152	\$	864	\$	576	\$	288	\$	73
Grossed-up Taxes/PILs (from Sheet 7)	\$		\$		\$	-	\$			\$	-	-\$	1,155.32	-\$	1,227.67	\$	307.34	\$	969.05	\$	1,237.76	\$	618.93
Revenue Requirement, including Grossed-up Taxes/PILs	\$		\$	-	\$		\$		-	\$		\$	3,929	\$	8,508	\$	9,582	\$	9,784	\$	9,592	\$	4,678

### **Smart Meter Model – UCC Calculation**

#### For PILs Calculation

UCC - Smart Meters	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	Forecast
Opering UCC Capital Additions Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate CDass CCA Rate CCA Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC - Computer Equipment	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	Forecast
Opening UCC Capital Additions Computer Hardware Capital Additions Computer Software Retirements/Removals (if applicable) UCC Before Hard Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate CCA Closing UCC	\$ - \$ - \$ - \$ - \$ - 0 0% \$ -	\$ - \$ - \$ - \$ - 0 0% \$ -	\$ - \$ - \$ - \$ - \$ - 0 0% \$ -	\$ - \$ - \$ - \$ - 0 0% \$ -	\$ - \$ - \$ - \$ - \$ - 0 0% 5 -	\$ 39,469.99 \$ 39,469.99 \$ 19,735.00 \$ 19,735.00 50 55% \$ 10,854.25 \$ 28,615.74	\$ 28,615.74 \$ - \$ 28,615.74 \$ 28,615.74 50 55% \$ 15,738.66 \$ 12,877.08	\$ 12,877.08 \$ - \$ 12,877.08 \$ 12,877.08 50 55% \$ 7,082.40 \$ 5,794.69	\$ 5,794.69 \$ - \$ 5,794.69 \$ - \$ 5,794.69 50 55% \$ 3,187.08 \$ 2,607.61	\$ 2,607.61 \$ - \$ 2,607.61 \$ 2,607.61 50 55% \$ 1,434.19 \$ 1,173.42	\$ 1,173.42 \$ - \$ 1,173.42 \$ - \$ 1,173.42 50 55% \$ 645.38 \$ 528.04
UCC - General Equipment	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	Forecast
Opening UCC Capital Additions Tools & Equipment Capital Additions Other Equipment Retirements/Removals (if applicable) UCC Before half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA CCA Rate CCA Closing UCC											
Opening UCC Capital Additions Tools & Equipment Capital Additions Other Equipment Retirements/Removals (if applicable) UCC Before Half Year Rule Half Year Rule (1/2 Additions - Disposals) Reduced UCC CCA Rate Class CCA Rate CCA	S	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S   -	S	Forecast	Forecast	Forecast

### **Smart Meter Model - Taxes - PILS**

#### PILs Calculation

	2	006 Audited Actual	2	007 Audited Actual	2008 Au	dited ctual	2009	9 Audited Actual	2	2010 Audited Actual		2011 Audited Actual		2012 Audited Actual		2013 Audited Actual	2	014 Forecast	20	015 Forecast	2	016 Forecast
INCOME TAX																						
Net Income	\$		\$		\$	2	s		s	_	s	608.86	s	1,151,89	s	863.92	s	575.95	s	287.97	s	72.55
Amortization	Š		Š		Š	2	Š		Š	_	š	3.947.00	š	7.894.00	Š	7.894.00	Š	7.894.00	Š	7.894.00	Š	3.947.00
CCA - Smart Meters	\$		\$		Š	-	Š	-	Š	-	š	-	š	-	š	-	Š	-	Š	-	š	-
CCA - Computers	\$		\$		\$	-	\$	-	s	-	-s	10,854.25	-\$	15,738.66	-\$	7,082.40	-\$	3,187.08	-\$	1,434.19	-\$	645.38
CCA - Applications Software	\$	-	\$		\$	-	\$	-	s	-	s		\$		\$		\$	- 1	\$		\$	
CCA - Other Equipment	\$	-	\$		\$	-	\$	-	s	-	s	-	\$	-	\$	-	\$	-	\$	-	\$	
Change in taxable income	\$		\$	-	\$	-	\$	-	\$	-	-\$	6,298.38	-\$	6,692.77	\$	1,675.52	\$	5,282.87	\$	6,747.79	\$	3,374.16
Tax Rate (from Sheet 3)		36.12%		36.12%	33	.50%		33.00%		31.00%		15.50%		15.50%		15.50%		15.50%		15.50%		15.50%
Income Taxes Payable	\$		\$		\$	-	\$		\$	-	-\$	976.25	-\$	1,037.38	\$	259.71	\$	818.84	\$	1,045.91	\$	523.00
ONTARIO CAPITAL TAX																						
Smart Meters	s	-	s	_	S		S		s	_	s	_	s		s		s	_	s	-	s	-
Computer Hardware	š	-	š	_	Š		Š		Š	_	Š	35.522.99	Š	27.628.99	Š	19.735.00	š	11.841.00	Š	3.947.00	š	-
Computer Software	s		s		s	2	s		s		s	-	s		s	-	s	-	s	-	s	
(Including Application Software)																						
Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	<u>\$</u>		<u>\$</u>		\$	-	\$		<u>\$</u>		<u>\$</u>	<u> </u>	<u>\$</u>		<u>\$</u>		<u>\$</u>		<u>\$</u>		<u>\$</u>	
Rate Base Less: Exemption	\$		\$		\$		\$		\$		\$	35,522.99	\$	27,628.99	\$	19,735.00	\$	11,841.00	\$	3,947.00	\$	
Deemed Taxable Capital	•		\$		•	_	S		s		S	35.522.99	S	27.628.99	S	19,735.00	s	11,841.00	s	3.947.00	s	
Decined Taxable Capital	-				Ψ	÷.	-		-		-	33,322.88	-	27,020.55	-	19,733.00	-	11,041.00	-	3,547.00	-	
Ontario Capital Tax Rate (from Sheet 3)		0.300%		0.225%	0.2	225%		0.225%		0.075%		0.000%		0.000%		0.000%		0.000%		0.000%		0.000%
Net Amount (Taxable Capital x Rate)	\$	-	\$		\$	_	\$		\$	-	\$	-	\$		\$		\$		\$	-	\$	-
Change in Income Taxes Payable	\$		\$		\$		\$		\$		-\$	976.25	-\$	1,037.38	\$	259.71	\$	818.84	\$	1,045.91	\$	523.00
Change in OCT	\$		\$		\$	-	\$		\$		\$		\$		\$		\$	-	\$		\$	
PILs	\$	<u> </u>	\$	<u> </u>	\$	<u> </u>	\$	<u> </u>	\$		-\$	976.25	-\$	1,037.38	\$	259.71	\$	818.84	\$	1,045.91	\$	523.00
Gross Up PILs																						
Tax Rate		36.12%		36.12%	33	.50%		33.00%		31.00%		15.50%		15.50%		15.50%		15.50%		15.50%		15.50%
Change in Income Taxes Payable	\$	-	\$	-	\$	-	\$	-	\$	-	-\$	1,155.32	-\$	1,227.67	\$	307.34	\$	969.05	\$	1,237.76	\$	618.93
Change in OCT	\$		\$		\$		\$	-	\$		\$		\$		\$		\$	-	\$		\$	-
PILs	\$		\$		\$	<u> </u>	\$		\$		-\$	1,155.32	-\$	1,227.67	\$	307.34	\$	969.05	\$	1,237.76	\$	618.93

### **Smart Meter Model – OPEX Interest**

Year	OM&A (from She	eet 5)	Exper	ization ise Sheet 5)	ulative OM&A Amortization nse	 lative OM&A Amortization	Average Annual Prescribed Interest Rate for Deferral and Variance Accounts (from Sheets 8A and 8B)	OM&A	ization
2006	\$	-	\$	-	\$ -	\$ -	4.37%	\$	-
2007	\$	-	\$	-	\$ -	\$ -	4.73%	\$	-
2008	\$	-	\$	-	\$ -	\$ -	3.98%	\$	-
2009	\$	-	\$	-	\$ -	\$ -	1.14%	\$	-
2010	\$	-	\$	-	\$ -	\$ -	0.80%	\$	-
2011	\$	-	\$	3,947.00	\$ 3,947.00	\$ 1,973.50	1.47%	\$	29.01
2012	\$	-	\$	7,894.00	\$ 11,841.00	\$ 7,894.00	1.47%	\$	116.04
2013	\$	-	\$	7,894.00	\$ 19,735.00	\$ 15,788.00	1.47%	\$	232.08
2014	\$	-	\$	7,894.00	\$ 27,628.99	\$ 23,681.99	1.47%	\$	348.13
2015	\$	-	\$	7,894.00	\$ 35,522.99	\$ 31,575.99	1.19%	\$	376.54
2016	\$	-	\$	3,947.00	\$ 39,469.99	\$ 37,496.49	1.10%	\$	412.46
Cumula	tive Interest t	o 2012						\$	145.05
Cumula	tive Interest t	o 2013						\$	377.14
Cumula	tive Interest t	o 2014						\$	725.26
Cumula	tive Interest t	o 2015						\$	1,101.80
Cumula	tive Interest t	o 2016						\$	1,514.27

### **Smart Meter Model – SMDR**

	2	2006	2	007		2008	2	1009		2010		2011		2012	2013		2014		2015	2016		Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$		\$	-	\$	-	\$	-	\$	-	\$	3,928.62	\$	8,507.59	\$ 9,582.29	\$	9,783.67	\$	9,592.07	\$ 4,677.68	\$	46,071.93
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	s		\$	-	\$	-	s		\$	-	\$	-	s		\$ -	\$	-	\$			s	. *
X Sheet 8A (Interest calculated on monthly balances)	s		\$		\$		s		\$		S		S		\$	S		s		\$	s	- 1
Sheet 8B (Interest calculated on average annual balances)																						***************************************
SMFA Revenues (from Sheet 8)	s	-	\$		\$	-	s		\$	-	\$		\$		\$ -	s	-	s		\$ -	\$	. •
SMFA Interest (from Sheet 8)	s	-	\$	-	\$	-	s	-	\$	-	\$		\$		\$	\$		\$		\$ -	\$	
Net Deferred Revenue Requirement	\$		\$	-	\$	-	\$		\$		\$	3,928.62	\$	8,507.59	\$ 9,582.29	\$	9,783.67	\$	9,592.07	\$ 4,677.68	\$	46,071.93
Number of Metered Customers (average for 2016 test year)  - Number of metered customers for which amart meter were deployed as part of program). Full upgraded to utilize AMI and ODS assets)	Residential :	and GS <	50 kW cus	tomer cla	isses a	and any other	metered c	lasses inv	olved (e.	g. GS 50 to	4999 k\	W for which in	tenal m	eters were						5806		
<ul> <li>Number of metered customers for which smart meter were deployed as part of program).</li> </ul>	Residential :	and GS <	50 kW cus	tomer cla	isses a	and any other	metered c	lasses inv	olved (e.	g. GS 50 to	4999 k\	W for which in	tenal m	eters were						5806		
<ul> <li>Number of metered customers for which smart meter were deployed as part of program). Fundamental to utilize AMI and ODS assets)</li> </ul>		and GS <	50 kW cus	tomer cla	asses a	and any other	metered c	lasses inv	olved (e.	g. GS 50 to	4999 k\	W for which in	tenal m	eters were						5806		
Number of metered customers for which smarl meter were deployed as part of program). Fupgraded to utilize AMI and OSS assets)  Calculation of Smart Meter Disposition Rilder (per metered customer per month)  Years for cellection or refunding  Deferred incremental Revenue Requirement from 2006 to December 31, 2015			50 kW cus	itomer cla	asses a	and any other	metered c	lasses inv	olved (e.	g. GS 50 to	4999 k\	W for which in	tenal m	eters were						5806°		
<ul> <li>Number of metered customers for which smart meter were deployed as part of program). Expanded usilitie Auth and Collessasets)</li> <li>Calculation of Smart Meter Disposition Rider (per metered customer per month)</li> <li>Years for collection or refunding</li> </ul>		1	50 kW cus	tomer cla	asses a	and any other	metered ci	lasses inv	olved (e.	g. GS 50 to	4999 k\	W for which in	tenal m	eters were						5806		
- Number of metered costromes for which smart meter were deployed as part of program). Expanded to suite Adul and Coles assets)  Calculation of Smart Meter Disposition Rider (per metered customer per month)  Yeas for collection or refunding  Defined becomes all Revolutions Regularment from 2006 to December 31, 2015  piles Interest on OMAA and Americation  SMAR Repress collected from 2006 to 2006 test year (inclusive)  SMAR Repress collected from 2000 to 2005 test year (inclusive)	s 4	1 11,394.25	50 kW cus	tomer cla	asses a	any other	metered ci	lasses inv	olved (e.	g. GS 50 to	4999 kV	W for which in	tenal m	eters were					•	580 <b>6</b>		
- Number of metered customers for which smart meter were deployed as part of program). Expanded to utilize Atlant and Cossastes)  Calculation of Smart Meter Disposition Rider (per metered customer per month)  Years for collection or refunding  Deterred becomes all Research Requirement from 2008 to December 31, 2015 plus treates on CMMA and Amortization  SMFA Researce Collected from 2008 to 2015 feet year (inclusive) Plus Simple Interest on SMFA Researces.	s 4	1 41,394.25	50 kW cus	tomer cla	asses a	and any other	metered ci	lasses inv	olved (e.	g. GS 50 to	4999 k\	W for which in	tenal m	eters were					•	580 <b>6</b>		

#### **Smart Meter Model – Cost Allocation – SMDR**

