

Board Staff Interrogatories

2011 IRM3 Electricity Distribution Rates Sioux Lookout Hydro Inc. ("Sioux Lookout") EB-2010-0114

1. Ref: 2011 Rate Generator Model – Sheet C4.1 Current Rates and Charges

Sheet C4.1 Current Rates & Charges General is reproduced below.

CURRENT MONTHLY RATES AND CHARGES

Monthly Rates and Charges - Delivery Component

Service Charge	\$	24.01
Service Charge Smart Meters	\$	2.91
Distribution Volumetric Rate	\$/kWh	0.0103
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until April 30, 2011 Applicable only for Non-RPP Customers	\$/kWh	0.01320
Low Voltage Volumetric Rate	\$/kWh	0.0030
Distribution Volumetric Def Var Disp 2008 – effective until April 30, 2011	\$/kWh	0.0011
Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011	\$/kWh	(0.0034)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0020

The descriptions for all rate classes for the three rates identified below are different from the versions on Sioux Lookout's current Tariff sheet:

Service Charge Smart Meters

Distribution Volumetric Def Var Disp 2008 – effective until April 30, 2011

Distribution Volumetric Def Var Disp 2010 – effective until April 30, 2011

- a) If the above descriptions are correct, please provide evidence supporting the new descriptions. If the descriptions are incorrect, please re-file sheet C4.1 with the correct descriptions and Board staff will make the necessary changes to the model.

2. Ref: 2011 IRM Rate Generator Model, Sheet 4.1 Current Rates and Charges

On Sheet “C4.1 Curr Rates & Chgs General” of the Rate Generator”, there is one item on the proposed Tariff sheet that is not identical to Sioux Lookout’s current Tariff sheet:

Non-Payment of Account
Collection of account charge – no disconnection – after regular hours \$110.00

The current tariff sheet shows:
Non-Payment of Account
Disconnect/Reconnect Charge - At Meter - During regular hours \$110.00

- a) If the new account charge provided is correct, please provide evidence supporting the new charge. If the description is incorrect, please re-file sheet C4.1 with the correct description and staff will make the necessary change to the model.

3. Ref: 2011 IRM Rate Generator Model

Sheet J2.1 - Deferral Variance Account Disposition (2008)

Sheet J2.3 - Deferral Variance Account Disposition (2010)

Sheet J3.3 - Applied for Rate Rider for Global Adjustment Sub-Account
Disposition - Delivery Component 2

Staff notes that Sioux Lookout has inputted data in Column G "Vol Amount" on Sheets J2.1, J2.3 and J3.3 despite the fact that the sunset date is indicated as April 30, 2011.

- a) If this is an error, Board staff will make the relevant correction by removing the rate riders, i.e. setting them to zero. Please confirm.

4. Ref: 2011 IRM Rate Generator Model

Ref: 2011 IRM3 Rate Generator Model

Ref: 2011 IRM3 Revenue Cost Ratio Adjustment Workform

A portion of Sheet L1.1 from the Rate Generator Model is reproduced below.

Applied For RTSR - Network

Rate Class	Applied to Class					
General Service 50 to 4,999 kW	Yes					
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount	
Retail Transmission Rate – Network Service Rate	\$/kW	1.998400	0.000%	-0.017500	1.980900	
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.122500	0.000%	0.000000	2.122500	
Retail Transmission Rate – Network Service Rate – Interval metered > 1,000 kW	\$/kW	2.119900	0.000%	-0.018500	2.101400	

A portion of Sheet F1.1 from the RTSR Model is reproduced below.

IRM RTSR Adjustment Calculation - Network

Rate Class	Vol Metric	Current RTSR - Network	Proposed RTSR - Network	RTSR - Network Adjustment
		(A) Column H Sheet B1.1	(B) Column S Sheet E1.1	C = B - A
Residential	kWh	0.0054	0.0054	- 0.0000
General Service Less Than 50 kW	kWh	0.0049	0.0049	- 0.0000
General Service 50 to 4,999 kW	kW	1.9984	1.9809	- 0.0175
General Service 50 to 4,999 kW – Interval Metered	kW	2.1225	-	- 2.1225
General Service 1,000 to 4,999 kW - Interval Meters	kW	2.1199	2.1014	- 0.0185
Unmetered Scattered Load	kWh	0.0049	0.0049	- 0.0000
Street Lighting	kW	1.5071	1.4939	- 0.0132

The “\$ Adjustment” value for the General Service 50 to 4,999 kW – interval Metered rate class in the former is shown as zero, whereas the corresponding value in column C in the latter is shown as -2.1225.

- a) Please explain the difference. If this is an error, please confirm and Board staff will make the relevant corrections.

5. Ref: 2011 IRM Rate Generator Model

Ref: 2011 IRM3 Rate Generator Model

Ref: 2011 IRM3 Retail Transmission Service Rates (“RTSR”) Adjustment Workform

A portion of Sheet L1.2 from the Rate Generator Model is reproduced below.

Applied For RTSR - Connection

Rate Class	Applied to Class				
General Service 50 to 4,999 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.705100	0.000%	-0.266700	0.438400
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	0.772900	0.000%	0.000000	0.772900
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered > 1,000 kW	\$/kW	0.779100	0.000%	-0.294700	0.484400

A portion of Sheet F1.2 from the RTSR Model is reproduced below.

IRM RTSR Adjustment Calculation - Connection

Rate Class	Vol Metric	Current RTSR - Connection	Proposed RTSR - Connection	RTSR - Network Adjustment
		(A) Column J Sheet B1.1	(B) Column S Sheet E1.2	C = B - A
Residential	kWh	0.0020	0.0012	- 0.0008
General Service Less Than 50 kW	kWh	0.0018	0.0011	- 0.0007
General Service 50 to 4,999 kW	kW	0.7051	0.4384	- 0.2667
General Service 50 to 4,999 kW – Interval Metered	kW	0.7729	-	- 0.7729
General Service 1,000 to 4,999 kW - Interval Meters	kW	0.7791	0.4844	- 0.2947
Unmetered Scattered Load	kWh	0.0018	0.0011	- 0.0007
Street Lighting	kW	0.5451	0.3389	- 0.2062

The “\$ Adjustment” value for the General Service 50 to 4,999 kW – interval Metered rate class in the former is shown as zero, whereas the corresponding value in column C in the latter is shown as -0.7729.

- a) Please explain the difference. If this is an error, please confirm and Board staff will make the relevant corrections.

6. Ref: 2011 Shared Tax Savings Workform

Ref: 2011 IRM3 Rate Generator Model

Ref: 2011 IRM3 Shared Tax Savings Workform

A portion of Sheet E1.1 from the Rate Generator Model is reproduced below.

Rate Rebalanced Base Distribution Rates

Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	Customer - 12 per year	24.010000	0.000000	24.010000
General Service Less Than 50 kW	Customer - 12 per year	42.650000	0.000000	42.650000
General Service 50 to 4,999 kW	Customer per 30 days	394.690000	0.000000	394.690000
Unmetered Scattered Load	Connection -12 per year	21.270000	0.000000	21.270000
Street Lighting	Connection -12 per year	9.760000	0.000000	9.760000

Volumetric Distribution Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	kWh	0.010300	0.000000	0.010300
General Service Less Than 50 kW	kWh	0.008100	0.000000	0.008100
General Service 50 to 4,999 kW	kW	1.368600	0.000000	1.368600
Unmetered Scattered Load	kWh	0.008200	0.000000	0.008200
Street Lighting	kW	25.748500	0.000000	25.748500

A portion of Sheet B1.1 from the Shared Tax Savings Workform is reproduced below.

Rate Class and Re-Based Billing Determinants & Rates

Last COS Re-based Year				2008					
Last COS OEB Application Number				EB-2007-0785					
Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	2,301	33,435,195		23.97	0.0103	
GSLT50	General Service Less Than 50 kW	Customer	kWh	399	15,941,009		42.57	0.0081	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	43		121,066	393.97		1.3661
USL	Unmetered Scattered Load	Connection	kWh	12	24,781		21.23	0.0082	
SL	Street Lighting	Connection	kW	533		1,475	9.74		25.7019

- Please explain why rates in columns D and F are not identical with rates from Sheet "E1.1 Rate Rebalanced Base Distribution Rates" of the 2011 IRM3 Rate Generator.
- If the data provided is correct, please provide evidence supporting the data entered for a). If the data is incorrect, please re-file B1.1 with the correct data and staff will make the necessary changes to the model.

**7. Ref: 2011 Retail Transmission Service Rates (“RTSR”) Adjustment
 Workform - Recovery of RTSR Network Charge**

Ref: RTSR Model

Ref: Deferral/Variance Account Model.

A portion of Sheet D1.1 – Adjust RTSR – Network to Current Network Wholesale from the RTSR Model is reproduced below.

Rate Class	Vol Metric	Current RTSR - Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing
		(A) Column H Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)	(H) = (G) * (F)
Residential	kWh	\$ 0.0054	35,914,557	0	\$ 193,939	49.16%	\$ 192,242
General Service Less Than 50 kW	kWh	\$ 0.0049	17,211,234	0	\$ 84,335	21.38%	\$ 83,597
General Service 50 to 4,999 kW	kW	\$ 1.9984	22,216,686	53,329	\$ 106,573	27.02%	\$ 105,640
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.1225	0	0	\$ -	0.00%	\$ -
General Service 1,000 to 4,999 kW - Interval Meters	kW	\$ 2.1199	1,176,616	3,412	\$ 7,233	1.83%	\$ 7,170
Unmetered Scattered Load	kWh	\$ 0.0049	45,214	0	\$ 222	0.06%	\$ 220
Street Lighting	kW	\$ 1.5071	501,995	1,445	\$ 2,178	0.55%	\$ 2,159
			<u>77,066,302</u>	<u>58,186</u>	<u>\$ 394,479</u>	<u>100.00%</u>	<u>\$ 391,027</u>

A portion of Sheet D1.6 from the Deferral/Variance Account Model is reproduced below.

Account Description	Account Number	Total Claim
		J = C + I
LV Variance Account	1550	304,519
RSVA - Wholesale Market Service Charge	1580	(75,375)
RSVA - Retail Transmission Network Charge	1584	9,077
RSVA - Retail Transmission Connection Charge	1586	(11,013)
RSVA - Power (Excluding Global Adjustment)	1588	(740,786)
RSVA - Power (Global Adjustment Sub-account)		192,253
Recovery of Regulatory Asset Balances	1590	(4,589)
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0
	Total	(325,914)

- a) In the former, column D is more than column H which indicates an over-recovery of the RTSR Network charge. In the latter, Account 1584 shows an under-recovery as of December 31, 2009. Please explain this apparent discrepancy.