

Ms. Kirsten Walli Board Secretary Ontario Energy Board 2300 Yonge Street 26th Floor, Box 2319 Toronto, ON M4P 1E4

December 23, 2010

Dear Ms. Walli

### Re: PowerStream Inc. - Barrie ('PowerStream - Barrie") (Licence Name PowerStream Inc. ED-2004-0420) 2011 Electricity Distribution Rate Adjustment Application EB-2010-0110 / EB-2010-0365

#### Response to Board Staff Interrogatories of December 8, 2010

Please find attached PowerStream - Barrie's responses to the Board Staff Interrogatories of December 8, 2010 in PDF format. Please note that this document is also being filed on the Board's web portal and emailed to the intervenor on the record.

If you have any questions, please do not hesitate to contact the undersigned.

Yours truly,

Original Signed by

Tom Barrett Manager, Rate Applications

Copy to: Michael Buonaguro

Filed: December 23, 2010 EB-2010-0365 /EB-2010-0110 PowerStream Barrie 2011 IRM – Responses to Board Staff IRs Page 1 of 5

#### **Responses to Board Staff interrogatories**

#### 2011 IRM3 Revenue Cost Ratio Adjustment Workform

1. Ref: Sheet "C1.2 Revenue Offsets Allocation" of the workform is reproduced below.

#### **Revenue Offsets Allocation**

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

	Informational Filing Revenue		
Rate Class	Offsets	Percentage Split	Allocated Revenue Offsets
	Α	C= A / B	E = D * C
Residential	1,518,579	67.28%	1,719,817
General Service Less Than 50 kW	304,922	13.51%	345,330
General Service 50 to 4,999 kW	362,724	16.07%	410,791
General Service 50 to 4,999 kW -			
Time of Use	0	0.00%	-
Large Use	0	0.00%	-
Unmetered Scattered Load	40,622	1.80%	46,005
Street Lighting	30,137	1.34%	34,131
Standby Power - APPROVED ON AN			
INTERIM BASIS	0	0.00%	-
	2,256,984	100.00%	2,556,074

Board staff has been unable to verify the inputted informational filing revenue offsets in column "A".

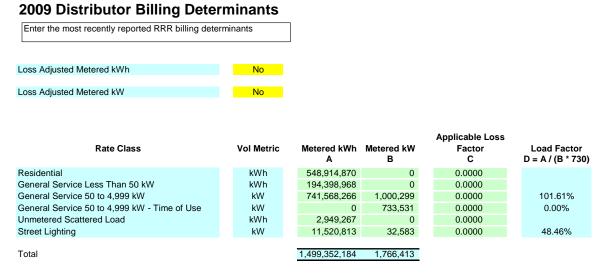
a) Please provide the supporting evidence.

#### Response

a) As per the instructions for completing this form, the filing revenue offsets should be taken from the Cost Allocation Information filing. PowerStream Barrie used the same amount of \$2,256,984 that has been used in its 2010 IRM filing (EB-2009-0245). This amount is based on Optional 3<sup>rd</sup> Run Cost Allocation filing, as filed in response to VECC interrogatory on January 16, 2009. The results of the 3<sup>rd</sup> Run are identical to the results of the 1<sup>st</sup> Run, as originally submitted, with the exception of the USL rate class being shown separately in the 3<sup>rd</sup> Run. The Barrie Hydro reply to VECC interrogatory is attached as Appendix 1.

#### 2011 Retail Transmission Service Rates ("RTSR") Adjustment Workform

# 2. Ref: Sheet "B1.2 – 2009 Distributor Billing Determinants" of the workform is reproduced below.



- a) Please confirm that 2009 RRR Billing Determinants have been entered on the above referenced sheet. If not, please provide the relevant data and Board staff will make the corrections to the workform.
- b) Please explain why no loss factor has been applied to the data entered in Column A.

#### Response

- a) In the April 2010 RRR filing, section 2.1.5 "Customers, Demand and Revenues", PowerStream reported the total 2009 Billing Determinants for both the South and North (former Barrie Hydro) rate zones combined, grossed up for losses. The quantities entered in the RTSR Workform sheet B1.2 reproduced above are the actual 2009 billing determinants for PowerStream Barrie customers before any losses are applied. These same amounts were used in arriving at the amounts reported in the RRR filing.
- b) PowerStream has corrected the RTSR Adjustment Workform with the applicable loss factors for customer classes billed on a kWh basis. These are the only classes where the transmission rates are applied to loss adjusted billing determinants. An updated Appendix G: "RTSR Adjustment Workform" is attached.

#### 2011 IRM Deferral and Variance Account Workform

#### 3. Ref: Sheet "D1.6 – Deferral Variance – Continuity Schedule Final" of the workform is reproduced below.

	Account Opening Principal Amounts as Number of Jan-1-10		Please explain be disposed		Opening Interest Amounts as of Jan-1-10	as of Jan-1-10 prior to transfer Jan-1, 2010 to Date of Transfer		Adjustments - Please explain 2010 to Dec 31, 2010 to Dec 31, 2010 ;		Interest Amounts to be disposed	Total Claim
Account Description		A	в	C = A + B	D	E	F	G	н	I = D + E + F + G +H	J = C + I
LV Variance Account	1550	(65,172.)	(85,639)	(150,811 )	(481)	155	246	(1,088)	(441 )	(1,609)	(152,419)
RSVA - Wholesale Market Service Charge	1580	(3,396,372)	3,129,303	(267,069)	(152,890)	(5,662)	158,128	(1,927)	(781)	(3,132)	(270,201)
RSVA - Retail Transmission Network Charge	1584	(22,289)	308,521	286,232	30,455	(558)	(30,631)	2,065	838	2,169	288,401
RSVA - Retail Transmission Connection Charge	1586	(478,315)	374,975	(103,340)	(9,573)	(678)	9,352	(745)	(302)	(1,947)	(105,287)
RSVA - Power (Excluding Global Adjustment)	1588	(5,954,810)	2,892,735	(3,062,075)	(339,261)	(5,234)	333,264	(22,090)	(8,960)	(42,280)	(3,104,356)
RSVA - Power (Global Adjustment Sub-account)		5,601,833	(1,177,810)	4,424,023	19,020	2,131	(3,405)	31,915	12,945	62,605	4,486,628
Recovery of Regulatory Asset Balances	1590	(539,121)	539,121	0	(19,729)	(976)	20,641	0	0	(64)	(64)
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0		0	0			0	0	0	0
Total		(4,854,245)	5,981,206	1,126,961	(472,459)	(10,822)	487,595	8,130	3,298	15,742	1,142,703

Account 1586 currently has a credit balance of \$105,287, which would imply that PowerStream – Barrie has been overcharging the retail transmission connection charge. However, according to PowerStream – Barrie's 2011 RTSR Adjustment Workform, an increase to the retail transmission connection charge has been calculated, which would imply that PowerStream – Barrie has been undercharging customers.

a) Please explain why there seems to be a difference.

#### <u>Response</u>

 a) The balance that has accrued in the retail settlement variance account (RSVA) 1586 Retail Transmission Connection Charge from January 1, 2009 to December 31, 2009 is not reflective of the current relationship between the amounts billed to customers and related costs.

The variance and deferral continuity schedules show a credit balance (i.e., over collection) accruing in 2009 in account 1586 of \$103,340. The credit balance in account 1586 of \$105,287 at December 31, 2009 consists of this amount plus accrued interest.

In 2010, PowerStream is under collecting on Network Connection Charges, due in part to the fact that the 2010 RTSR were based on proposed Hydro One transmission rates for 2010 and the actual approved Hydro One rates being charged to PowerStream are somewhat higher.

The Board's RTSR Adjustment Workform provides a more accurate comparison for 2011 between the expected wholesale connection costs and the corresponding revenues at the current RTSR than a comparison to past variances. This ratio can then be used to calculate the RTSR adjustment to more closely match the amounts billed to customers with the costs.

# Lost Revenue Adjustment Mechanism ("LRAM") and Shared Savings Mechanism ("SSM")

## 4. Ref: LRAM Application, Schedule 7

In the table that is provided in Schedule 7, PowerStream – Barrie lists the programs it used in the calculation of its LRAM claim along with the energy savings and the resulting lost revenues.

a) Please explain how the consumer education and training program, active from 2006-2008, was evaluated. In your response, please discuss how the energy savings listed in the table in Schedule 7 were verified and the manner in which this was done.

#### <u>Response</u>

The 2005-2008 Consumer Education & Training program encompassed advertising for Barrie's Hydro CDM plan, support of programs encouraging conservation and challenging customers to conserve (Mayor's Megawatt Challenge). As part of this program, Barrie Hydro participated with the local food bank in the distribution of compact fluorescent light bulbs to those individuals using the food bank over the December holiday season.

Consequently, the Lost Revenues (LRAM) resulting from this program are calculated based on the energy savings assumptions for distributed CFLs and LED Holiday Lights (see Seeline group report, Appendix 3).

- The majority of the savings from the program are related to the energy savings from CFLs distributed during those events
- The energy savings from these measures were verified by Seelline Group by verifying the number of measures implemented (for example, CFLs distributed) and then applying the most recently available input assumptions from 2010 OPA measures list.

## Shared Savings Mechanism ("SSM")

### 5. Ref: SSM Application, Page 12 of 18

PowerStream – Barrie states that when calculating its SSM claim, it used the most current OPA input assumptions. Section 7.3 of the Board's *Guidelines for Electricity Distributor Conservation and Demand Management* ("CDM Guidelines"), issued on March 28, 2008, states regarding SSM claims that "assumptions used from the beginning of any year will be those assumptions in existence in the immediately prior year".

a) Please provide the rationale for using the most current OPA assumptions and measures list when calculating the SSM claim rather than the assumptions that were in place in the immediately prior year as directed in the CDM Guidelines

#### <u>Response</u>

a) PowerStream used the most current OPA assumptions for the SSM calculations as well as for the LRAM calculations. The most current measures are more conservative (i.e., result in a lower SSM claim) than the ones that were in existence in the immediately prior year. Since the amount of SSM claim is relatively small, PowerStream decided to use a single set of measures for simplicity. Filed: December 23, 2010 EB-2010-0365 /EB-2010-0110 PowerStream Barrie 2011 IRM – Responses to Board Staff IRs Appendix 1 Filed: October 21, 2009 EB-2009-0245 PowerStream Inc - Barrie 2010 IRM Application Appendix I Page 1

#### BARRIE HYDRO DISTRIBUTION INC EB-2008-0160

#### **VECC Interrogatory Requests**

#### Question #1

**Reference:** Barrie Application and 3GIRM Supplemental Model

a) With respect to the Supplemental Model Tab C1.1, the revenue and cost values (columns E, H & K) provided are not the same as those filed in response to OEB Staff Interrogatory #46 from EB-2007-0746. Please reconcile the values.

#### Response:

Please note that the use of this section of the Model is to comply with the Board's Decision in EB-2007-0746 which directed that the Street Lighting class Revenue/Cost ratio to increase by 15% to 40% in 2009.

Attached to this response is Exhibit #1 which shows a reconciliation between the revenue proposed in the Run 1 & Run 2 Cost Allocation Model (response to OEB Staff Interrogatory #46 from EB-2007-0746) and the revenue resulting from those adjustments mandated in the EB-2007-0746 Decision.

As noted in the original 2008 Rate Application document (Exhibit 8, Tab 1, Schedule 2, Page 3) and also referenced in our response to OEB Interrogatory #46; Run 1 amounts were used with the exception of Unmetered Scattered Load which used Run 2 amounts with the appropriate adjustments to GS<50 to take this into account.

With respect to the total expense column in Supplemental Model Tab C1.1 these amounts have been adjusted from those in Run 1 & 2 and the attached Exhibit #1. These adjustments were made so that the direction provided by the Board in Supplemental Model Tab C2.1 could be met. That direction was, "It is important that the ratios in E (Column K) be close to those in the rebasing Decision". The expense column in TAB C1.1 was therefore adjusted so that the ratios in TAB C2.1 were close to those approved in the rebasing decision.

b) Please also indicate the source of the "Expenses" reported in Tab C1.1 for the Large Use class since this class was not included in the Cost Allocation run.

#### Response:

This amount was an estimate. In the original Cost Allocation Model, Barrie Hydro did not have a Large Use customer therefore no allocation of expenses occurred. In the 2008 Rate Application a Large Use customer was forecasted so revenues were automatically included in TAB C2.1 in the 2009 application. The expense amount used in TAB C1.1 was estimated so that in TAB C2.1 both a revenue and expense amount would be calculated and a Revenue/Cost Ratio % in E (Column K) would be calculated. The Revenue/Cost Ratio % of 85.7% was used to reflect approximately the same Revenue/Cost Ratio % for GS 50 to 4999 kW class. This ratio was used as this class is the most similar to a Large Use customer.

c) With respect to the Supplemental Model Tab B3.1, please confirm that the OEB Cost Allocation Model included the cost of the Transformer Ownership Allowance in the Base Revenue Requirement and allocated it to all customer classes.

#### Response:

Yes these costs were included, but as per the attached Exhibit #1 please note that an adjustment was performed to adjust the Transformer Ownership Allowance out of the other rate classes and into the GS>50 class. The rationale for this is noted in the original 2008 Rate Application document; Exhibit 8, Tab 1, Schedule 2, page 5.

d) Please confirm that in its 2008 Rate Application Barrie Hydro Distribution Inc. allocated the cost of the Transformer Ownership Allowance only to the GS>50 class.

#### Response:

#### That is correct.

e) Given the price cap adjustment is applied to the rates for GS>50, why shouldn't it also be applied to the transformer ownership allowance?

#### Response:

It is our understanding that the 3<sup>rd</sup> GIRM Model and price cap adjustment only pertains to distribution rates and not allowances or specific service charges.

Filed: December 23, 2010 EB-2010-0365 /EB-2010-0110 PowerStream Barrie 2011 IRM – Responses to Board Staff IRs Appendix 1 Filed: October 21, 2009 EB-2009-0245 PowerStream Inc - Barrie 2010 IRM Application Appendix I Page 3

f) Please clarify if the Transformer Ownership allowance also applies to the Large Use class.

#### Response:

Currently we have no Large Use customer. If a Large Use customer did locate in our service area, the Transformer Ownership Allowance would apply if that customer owned their own Transformer. Filed: December 23, 2010 EB-2010-0365 /EB-2010-0110 PowerStream Barrie 2011 IRM – Responses to Board Staff IRs Appendix 1

Appendix 1 2006 COST ALLOCATION INFORMATION FILING BARRIE HYDRO DISTRIBUTION INC.

#### EB-2005-0338 EB-2007-0001

Thursday, January 18, 2007

#### Sheet 01 Revenue to Cost Summary Worksheet - Optional Third Run

Class Revenue, Cost Analysis, and Return on Rate Base

			1	2	3	4	6	7	9
Rate Base Assets		Total	Residential	GS <50	GS>50-Regular	GS> 50-TOU	Large Use >5MW	Street Light	Unmetered Scattered Load
crev	Distribution Revenue (sale)	\$25,808,792	\$16,277,159	\$3,660,445	\$5,699,058	\$0	\$0	\$83,259	\$88,871
mi	Miscellaneous Revenue (mi)	\$2,256,985 \$28,065,777	\$1,518,579 <b>\$17,795,738</b>	\$304,922 \$3,965,367	\$362,724 \$6,061,782	\$0 <b>\$0</b>	\$0 \$0	\$30,137 <b>\$113,396</b>	\$40,622 \$129,493
	Total Revenue Adjustments 2008 rate application & decision:	\$20,003,111	\$17,795,736	\$3,903,307	\$0,001,782		φU	\$113,390	\$129,493
	Original Application Street Light Adjustment	\$0	(\$20,000)					\$20,000	
	Transformer Allowance Adjustment	\$51	(\$343,472)	(\$78,537)	\$427,555			(\$2,198)	(\$3,297)
	Board Decision Adjustment to Street Lighting Board Decision Adjustment to GS<50	\$0 \$0	(\$172,807) (\$61,201)	\$61,201				\$172,807	
	Rounding	(\$969)	(\$01,201)	(\$50)	\$0	\$0	\$0	\$0	\$0
	-								
	Total Revenue Revised	\$28,064,859	\$17,197,339	\$3,947,981	\$6,489,337	\$0	\$0	\$304,005	\$126,196
	Expenses								
di	Distribution Costs (di)	\$3,924,196	\$2,059,153	\$544,788	\$1,118,728	\$0	\$0	\$189,857	\$11,670
cu	Customer Related Costs (cu)	\$1,792,301	\$1,255,159	\$318,989	\$182,934	\$0	\$0	\$2,566	\$32,653
ad	General and Administration (ad)	\$3,891,772	\$2,226,184	\$583,634	\$917,148	\$0	\$0	\$136,848	\$27,958
dep	Depreciation and Amortization (dep)	\$6,576,176	\$3,513,902	\$912,446	\$1,785,756	\$0	\$0	\$343,279	\$20,793
INPUT INT	PILs (INPUT) Interest	\$3,109,834 \$4,099,433	\$1,595,306 \$2,102,957	\$442,180 \$582,889	\$921,078 \$1,214,179	\$0 \$0	\$0 \$0	\$142,149 \$187,383	\$9,122 \$12,025
	Total Expenses	\$23,393,712	\$12,752,660	\$3,384,924	\$6,139,823	\$0	\$0 \$0	\$1,002,081	\$114,223
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	Direct Allocation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$4,672,066	\$2,396,711	\$664,310	\$1,383,783	\$0	\$0	\$213,557	\$13,705
	Revenue Requirement (includes NI)	\$28,065,778	\$15,149,371	\$4,049,234	\$7,523,606	\$0	\$0	\$1,215,639	\$127,928
		Revenue Re	quirement Input eq	uals Output					
	Rate Base Calculation								
	Net Assets								
dp	Distribution Plant - Gross	\$166,233,525	\$87,355,620	\$23,198,648	\$46,897,260	\$0	\$0	\$8,271,470	\$510,527
	General Plant - Gross	\$12,554,898	\$6,506,723	\$1,755,220	\$3,653,540	\$0	\$0	\$601,556	\$37,859
gp									
accum dep	Accumulated Depreciation	(\$68,624,019)	(\$36,768,350)	(\$9,552,489)	(\$18,492,391)	\$0	\$0	(\$3,594,602)	(\$216,186)
	Accumulated Depreciation Capital Contribution	(\$68,624,019) (\$10,709,058)	(\$36,768,350) (\$6,048,605)	(\$9,552,489) (\$1,271,842)	(\$18,492,391) (\$2,627,069)	\$0 \$0	\$0 \$0	(\$3,594,602) (\$721,492)	(\$216,186) (\$40,050)
accum dep	Accumulated Depreciation	(\$68,624,019)	(\$36,768,350)	(\$9,552,489)	(\$18,492,391)	\$0	\$0	(\$3,594,602)	(\$216,186)
accum dep	Accumulated Depreciation Capital Contribution	(\$68,624,019) (\$10,709,058)	(\$36,768,350) (\$6,048,605)	(\$9,552,489) (\$1,271,842)	(\$18,492,391) (\$2,627,069)	\$0 \$0	\$0 \$0	(\$3,594,602) (\$721,492)	(\$216,186) (\$40,050)
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0	\$0 \$0 <b>\$0</b> <b>\$0</b>	\$0 \$0 <b>\$0</b> <b>\$0</b>	(\$3,594,602) (\$721,492) \$4,556,932 \$0	(\$216,186) (\$40,050) \$292,150 \$0
accum dep	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP)	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0 \$0 \$0	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0 \$0 \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP)	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0	\$0 \$0 <b>\$0</b> <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$99,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 Rate E	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 tase input equals 0	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0	(\$36,768,350) (\$6,048,805) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$339,507,445 \$5,926,117 \$55,971,504 iase Input equals O \$25,637,177 \$5,043,078 \$0	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) (\$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 \$25,637,177 \$55,043,078	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041)	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336 (\$888,685)	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0	(\$36,768,350) (\$6,048,805) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$339,507,445 \$5,926,117 \$55,971,504 iase Input equals O \$25,637,177 \$5,043,078 \$0	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$52,218,810 \$550,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES %	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 tase Input equals C \$25,637,177 \$5,043,078 \$0 \$5,043,078	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412\$1,447,412 \$1,447,412,412\$1,447,412 \$1,447,412\$1,447,41	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) 80.57%	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) \$4,556,932 \$0 \$0 \$29,83,88 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$888,685) \$0 9,33%	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065	(\$36,768,360) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 \$25,637,177 \$5,043,078 \$0 \$5,043,078	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0 \$580,443	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041)	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) \$4,556,932 \$0 \$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$888,685)	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES %	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 tase Input equals C \$25,637,177 \$5,043,078 \$0 \$5,043,078	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412,412\$1,447,412 \$1,447,412,412,412,412,412\$1,4	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) 80.57%	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) \$4,556,932 \$0 \$0 \$29,83,88 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$888,685) \$0 9,33%	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES % REVENUE TO EXPENSES %	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065	(\$36,768,360) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$55,926,117 \$55,971,77 \$55,971,77 \$5,043,078 \$0 \$55,043,078 \$117,47% 113,52%	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0 \$580,443 \$0 \$580,443	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) \$0 80.57% 86,25%	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) (\$721,492) (\$721,492) (\$0 (\$598,388 (\$148,258 (\$148,258 (\$148,258 (\$148,258 (\$148,258 (\$148,258 (\$148,685) (\$1888,68	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$3265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES %	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$15,794,862 \$115,250,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 tase Input equals C \$25,637,177 \$5,043,078 \$0 \$5,043,078	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412,412\$1,447,412 \$1,447,412,412,412,412,412\$1,4	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) 80.57%	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) \$4,556,932 \$0 \$0 \$29,83,88 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$888,685) \$0 9,33%	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES % AFTER ADJUSTMENTS EXISTING REVENUE MINUS ALLOCATED COSTS	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$115,259,081 \$115,259,081 \$115,259,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065 \$0 \$4,672,065 \$0 \$100,00% (\$1)	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 \$25,637,177 \$5,043,078 \$0 \$5,043,078 \$117,47% 113,52% \$2,646,367	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0 \$580,443 \$0 \$580,443 \$0 \$580,443 \$0 \$580,443	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) \$0 (\$78,041) \$0 (\$78,041) \$0 (\$78,041)	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) (\$721,492) (\$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$81,102,242) (\$1,102,242)	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES % AFTER ADJUSTMENTS EXISTING REVENUE MINUS ALLOCATED COSTS	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$115,259,081 \$115,259,081 \$115,259,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065 \$0 \$4,672,065 \$0 \$100,00% (\$1)	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 \$25,637,177 \$5,043,078 \$0 \$5,043,078 \$117,47% 113,52% \$2,646,367	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0 \$580,443 \$0 \$580,443 \$0 \$580,443 \$0 \$580,443	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) \$0 (\$78,041) \$0 (\$78,041) \$0 (\$78,041)	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) (\$721,492) (\$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$81,102,242) (\$1,102,242)	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270 \$0 \$15,270
accum dep co	Accumulated Depreciation Capital Contribution Total Net Plant Directly Allocated Net Fixed Assets Cost of Power (COP) OM&A Expenses Directly Allocated Expenses Subtotal Working Capital Total Rate Base Equity Component of Rate Base Net Income on Allocated Assets Net Income on Direct Allocation Assets Net Income RATIOS ANALYSIS REVENUE TO EXPENSES % AFTER ADJUSTMENTS EXISTING REVENUE MINUS ALLOCATED COSTS	(\$68,624,019) (\$10,709,058) \$99,455,346 \$0 \$95,690,812 \$9,608,269 \$0 \$105,299,081 \$115,259,081 \$115,259,081 \$115,259,208 <b>Rate E</b> \$51,862,594 \$4,672,065 \$0 \$4,672,065 \$0 \$4,672,065 \$0 \$100,00% (\$1)	(\$36,768,350) (\$6,048,605) \$51,045,387 \$0 \$33,966,949 \$5,540,496 \$0 \$39,507,445 \$5,926,117 \$56,971,504 \$25,637,177 \$5,043,078 \$0 \$5,043,078 \$117,47% 113,52% \$2,646,367	(\$9,552,489) (\$1,271,842) \$14,129,737 \$0 \$12,955,658 \$1,447,412 \$0 \$14,402,969 \$2,160,445 \$16,289,982 utput \$7,330,492 \$580,443 \$0 \$580,443 \$0 \$580,443 \$0 \$580,443 \$0 \$580,443	(\$18,492,391) (\$2,627,069) \$29,431,339 \$0 \$47,915,799 \$2,218,810 \$0 \$50,134,609 \$7,520,191 \$36,951,531 \$16,628,189 (\$78,041) \$0 (\$78,041) \$0 (\$78,041) \$0 (\$78,041) \$0 (\$78,041)	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$3,594,602) (\$721,492) (\$721,492) (\$721,492) (\$721,492) (\$659,117 \$329,271 \$0 \$988,388 \$148,258 \$4,705,190 \$2,117,336 (\$888,685) \$0 (\$81,102,242) (\$1,102,242)	(\$216,186) (\$40,050) \$292,150 \$0 \$193,289 \$72,281 \$0 \$265,671 \$39,851 \$332,001 \$149,400 \$15,270 \$0 \$15,270 \$0 \$15,270 \$0 \$15,270

Filed: October 21, 2009 EB-2009-0245 PowerStream Inc - Barrie 2010 IRM Application Appendix I Page 4

EXHIBIT #1

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 1 of 14



Name of LDC: File Number: Version : 1.9

PowerStream Inc. - Barrie EB-2010-0110

## **LDC Information**

Applicant Name	PowerStream Inc Barrie
<b>OEB</b> Application Number	EB-2010-0110
LDC Licence Number	ED-2004-0420
Application Type	IRM3

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 2 of 14



Name of LDC:PowerStream Inc. - BarrieFile Number:EB-2010-0110Version : 1.9

## **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Rate Class And RTSR Rates	Enter Rate Class And RTSR Rates
B1.2 Dist Billing Determinants	Enter Distributor Billing Determinants
B1.3 UTR's and Sub-Transmission	Current and Forecasted UTR's and Hydro One Sub-Transmission Rates
C1.1 Historical Wholesale	Enter Historical Wholesale Transmission
C1.2 Current Wholesale	Calculates Current Wholesale Transmission
C1.3 Forecast Wholesale	Calculates Forecast Wholesale Transmission
D1.1 Adj Network to Curr Whsl	Calculates the Adjustment for RTSR-Network needed to recover Current Wholesale
D1.2 Adj Conn to Curr Whsi	Calculates the Adjustment for RTSR-Connection needed to recover Current Wholesale
E1.1 Adj Network to Fost Whst	Calculates the Adjustment for RTSR-Network needed to recover Forecast Wholesale
E1.2 Adj Conn to Fcst Whsi	Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesal
F1.1 IRM RTSR Adj - Network	Calculates the IRM RTSR Adjustment Calculation - Network for Rate Generator
F1.2 IRM RTSR Adj - Connection	Calculates the IRM RTSR Adjustment Calculation - Connection for Rate Generator

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 3 of 14



Name of LDC: File Number: Version : 1.9

PowerStream Inc. - Barrie EB-2010-0110

## **Rate Class And 2010 RTSR Rates**

Enter Rate Group and Rate Class in the same order as listed on your current Tariff sheet and Rate Generator.

Enter the RTSR-Network and RTSR-Connection rates as approved on your current Tariff sheet.

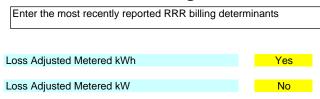
Rate Group	Rate Class	Vol Metric	RTSR - Network	RTSR - Connection
RES	Residential	kWh	0.0061	0.0053
GSLT50	General Service Less Than 50 kW	kWh	0.0057	0.0047
GSGT50	General Service 50 to 4,999 kW	kW	2.2121	1.8702
GSGT50	General Service 50 to 4,999 kW - Time of Use	kW	2.9366	2.4827
USL	Unmetered Scattered Load	kWh	0.0057	0.0047
SL	Street Lighting	kW	1.7475	1.4773

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 4 of 14



Name of LDC: PowerStream Inc. - Barrie File Number: EB-2010-0110 Version: 1.9

## **2009 Distributor Billing Determinants**



Rate Class	Vol Metric	Metered kWh A	Metered kW B	Applicable Loss Factor C	Load Factor D = A / (B * 730)	Loss Adjusted Billed kWh E = A * C
Residential	kWh	548,914,870	0	1.0565		579,928,560
General Service Less Than 50 kW	kWh	194,398,968	0	1.0565		205,382,509
General Service 50 to 4,999 kW	kW	741,568,266	1,000,299	0.0000	101.61%	0
General Service 50 to 4,999 kW - Time of Use	kW	0	733,531	0.0000	0.00%	0
Unmetered Scattered Load	kWh	2,949,267	0	1.0565		3,115,901
Street Lighting	kW	11,520,813	32,583	0.0000	48.46%	0
Total		1,499,352,184	1,766,413			788,426,970

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 5 of 14



Name of LDC: PowerStream Inc. - Barrie File Number: EB-2010-0110 Version : 1.9

#### Uniform Transmission and Hydro One Sub-Transmission Rates

#### Uniform Transmission Rates

		Effective	January 1, 2009	Effective	e July 1, 2009	Effective J	anuary 1, 2010	Effective	January 1, 2011
Rate Description	Vol Metric		Rate		Rate	I	Rate		Rate
Network Service Rate	kW	\$	2.57	\$	2.66	\$	2.97	\$	2.97
Line Connection Service Rate	kW	\$	0.70	\$	0.70	\$	0.73	\$	0.73
Transformation Connection Service Rate	kW	\$	1.62	\$	1.57	\$	1.71	\$	1.71
Hydro One Sub-Transmission Rates									
		Effecti	ve May 1, 2008	Effectiv	e May 1, 2009	Effective	May 1, 2010	Effectiv	e May 1, 2011
Rate Description	Vol Metric		Rate		Rate	I	Rate		Rate
Network Service Rate	kW	\$	2.01	\$	2.24	\$	2.65	\$	2.65
Line Connection Service Rate	kW	\$	0.50	\$	0.60	\$	0.64	\$	0.64
Transformation Connection Service Rate	kW	\$	1.38	\$	1.39	\$	1.50	\$	1.50
Both Line and Transformation Connection Service Rate	kW	\$	1.88	\$	1.99	\$	2.14	\$	2.14
Hydro One Sub-Transmission Rate Rider 6A									
		Effecti	ve May 1, 2008	Effectiv	e May 1, 2009	Effective	May 1, 2010	Effectiv	e May 1, 2011
Rate Description	Vol Metric		Rate		Rate	l	Rate		Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$	•	\$	-	\$	-	\$	-
RSVA Transmission connection - 4716 - which affects 1586	kW	\$	-	\$	-	\$	-	\$	-
RSVA LV – 4750 – which affects 1550	kW	\$	-	\$	-	\$	-	\$	-
RARA 1 – 2252 – which affects 1590	kW	\$	-	\$	-	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 6A	kW	\$	-	\$	-	\$	-	\$	-

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 6 of 14



Name of LDC: File Number: Version : 1.9

PowerStream Inc. - Barrie EB-2010-0110

#### 2009 Historical Wholesale Transmission

Enter billing detail for wholesale transmission for the same reporting period as the billing determinants on sheet B1.2.

IESO											
		Networl	k	Line	Conne	ctio	n	Transform	nation C	Connection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Α	mount	Units Billed	Rate	Amount	Amount
January	182,364	\$2.57	\$ 468,675	193,041	\$0.70	\$	135,129	193,041	\$1.62	\$ 312,726	\$ 447,855
February	188,479	\$2.57	\$ 484,391	196,318	\$0.70	\$	137,423	196,318	\$1.62	\$ 318,035	\$ 455,458
March	181,491	\$2.57	\$ 466,432	199,017	\$0.70	\$	139,312	199,017	\$1.62	\$ 322,408	\$ 461,719
April	146,065	\$2.57	\$ 375,387	162,062	\$0.70	\$	113,443	162,062	\$1.62	\$ 262,540	\$ 375,984
May	148,877	\$2.57	\$ 382,614	161,432	\$0.70	\$	113,002	161,432	\$1.62	\$ 261,520	\$ 374,522
June	203,507	\$2.57	\$ 523,013	212,786	\$0.70		148,950	212,786	\$1.62	\$ 344,713	\$ 493,664
July	206,707	\$2.66	\$ 549,841	221,460	\$0.70		155,022	221,460	\$1.57	\$ 347,692	\$ 502,714
August	205,323	\$2.66	\$ 546,159	215,185	\$0.70		150,630	215,185	\$1.57	\$ 337,840	\$ 488,470
September	170,367	\$2.66	\$ 453,176	180,171	\$0.70		126,120	180,171	\$1.57	\$ 282,868	\$ 408,988
October	149,717	\$2.66	\$ 398,247	164,900	\$0.70		115,430	164,900	\$1.57	\$ 258,893	\$ 374,323
November	163,676	\$2.66	\$ 435,377	178,295	\$0.70		124,807	189,955	\$1.57	\$ 298,229	\$ 423,035
December	173,395		\$ 461,230	186,230	\$0.70		130,361	143,668	\$1.57	\$ 225,558	\$ 355,919
Total	2,119,967	\$2.62	\$5,544,543	2,270,898	\$0.70	\$1,	,589,628	2,239,994	\$1.60	\$3,573,024	\$5,162,652
Hydro One											
-		Networl	ĸ	Line	Conne	ctio	n	Line T	ransfor	mation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Α	mount	Units Billed	Rate	Amount	Amount
January	117,835	\$2.01	\$ 236,848	117,835	\$0.50	\$	58,918	117,835	\$1.38	\$ 162,612	\$ 221,530
February	115,011	\$2.01	\$ 231,172	115,011	\$0.50	\$	57,506	115,011	\$1.38	\$ 158,715	\$ 216,221
March	94,720	\$1.98	\$ 187,493	94,720	\$0.50	\$	47,360	94,720	\$1.38	\$ 130,714	\$ 178,074
April	75,276	\$2.00	\$ 150,434	75,276	\$0.50	\$	37,638	75,276		\$ 103,881	\$ 141,519
May	71,748	\$1.11	\$ 79,692	71,748		\$	43,049	71,748	\$1.39	\$ 99,730	\$ 142,779
June	94,973	\$2.89	\$ 274,876	94,973	\$0.60	\$	56,984	94,973	\$1.39	\$ 132,012	\$ 188,996
July	78,789	\$2.24	\$ 176,487	78,789	\$0.60	\$	47,273	78,789	\$1.39	\$ 109,517	\$ 156,790
August	98,777	\$2.24	\$ 221,079	98,777	\$0.60	\$	59,266	98,777	\$1.39	\$ 137,300	\$ 196,566
September	79,205	\$2.24	\$ 177,220	79,205		\$	47,523	79,205		\$ 110,095	\$ 157,618
October	80,108	\$2.84	\$ 227,242	80,108	\$0.60	\$	48,065	80,108	\$1.39	\$ 111,350	\$ 159,415
November	85,160	\$2.19	\$ 186,278	83,189	\$0.60	\$	49,913	83,189	\$1.39	\$ 115,633	\$ 165,546
December	89,854	\$2.30	\$ 206,530	89,854	\$0.60	\$	53,912	89,854	\$1.39	\$ 124,897	\$ 178,809
Total	1,081,456	\$2.18	\$2,355,353	1,079,485	\$0.56	\$	607,407	1,079,485	\$1.39	\$1,496,456	\$2,103,863
Total											
		Networl			e Conne			-	ransfor		Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	A	mount	Units Billed	Rate	Amount	Amount
January	300,199	\$2.35	\$ 705,524	310,876	\$0.62	\$	194,046	310,876	\$1.53	\$ 475,339	\$ 669,385
February	303,490	\$2.36	\$ 715,563	311,329	\$0.63	\$	194,928	311,329	\$1.53	\$ 476,750	\$ 671,678
March	276,211	\$2.37	\$ 653,925	293,737	\$0.64		186,672	293,737	\$1.54	\$ 453,121	\$ 639,793
April	221,341	\$2.38	\$ 525,821	237,338	\$0.64		151,081	237,338	\$1.54	\$ 366,421	\$ 517,503
May	220,625	\$2.10	\$ 462,306	233,180	\$0.67		156,051	233,180	\$1.55	\$ 361,250	\$ 517,301
June	298,480	\$2.67	\$ 797,889	307,759	\$0.67		205,934	307,759	\$1.55	\$ 476,726	\$ 682,660
July	285,496	\$2.54	\$ 726,328	300,249	\$0.67		202,295	300,249	\$1.52	\$ 457,209	\$ 659,504
August	304,100	\$2.52	\$ 767,238	313,962	\$0.67	\$	209,896	313,962	\$1.51	\$ 475,140	\$ 685,036
September	249,572	\$2.53	\$ 630,396	259,376	\$0.67		173,643	259,376	\$1.52	\$ 392,963	\$ 566,606
October	229,825	\$2.72	\$ 625,489	245,008	\$0.67		163,495	245,008	\$1.51	\$ 370,243	\$ 533,738
November	248,836	\$2.50	\$ 621,656	261,484	\$0.67		174,720	273,144	\$1.52	\$ 413,861	\$ 588,581
December	263,249	\$2.54	\$ 667,760	276,084	\$0.67		184,274	233,522	\$1.50	\$ 350,455	\$ 534,729
Total	3,201,423	\$2.47	\$7,899,896	3,350,383	\$0.66	\$2,	,197,035	3,319,479	\$1.53	\$5,069,479	\$7,266,515

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 7 of 14



Name of LDC: File Number: Version : 1.9

: PowerStream Inc. - Barrie EB-2010-0110

#### **Current Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when current 2010 UTR rates are applied against historical (2009) transmission units.

#### IESO

	Network			Lin	e Connec	tion	Transfor	mation Co	onnection	Total Line	
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	182,364	\$2.9700	\$ 541,621	193,041	\$0.7300	\$ 140,920	193,041	\$1.7100	\$ 330,100	\$ 471,020	
February	188,479	\$2.9700	\$ 559,783	196,318	\$0.7300	\$ 143,312	196,318	\$1.7100	\$ 335,704	\$ 479,016	
March	181,491	\$2.9700	\$ 539,028	199,017	\$0.7300	\$ 145,282	199,017	\$1.7100	\$ 340,319	\$ 485,601	
April	146,065	\$2.9700	\$ 433,813	162,062	\$0.7300	\$ 118,305	162,062	\$1.7100	\$ 277,126	\$ 395,431	
May	148,877	\$2.9700	\$ 442,165	161,432	\$0.7300	\$ 117,845	161,432	\$1.7100	\$ 276,049	\$ 393,894	
June	203,507	\$2.9700	\$ 604,416	212,786	\$0.7300	\$ 155,334	212,786	\$1.7100	\$ 363,864	\$ 519,198	
July	206,707	\$2.9700	\$ 613,920	221,460	\$0.7300	\$ 161,666	221,460	\$1.7100	\$ 378,697	\$ 540,362	
August	205,323	\$2.9700	\$ 609,809	215,185	\$0.7300	\$ 157,085	215,185	\$1.7100	\$ 367,966	\$ 525,051	
September	170,367	\$2.9700	\$ 505,990	180,171	\$0.7300	\$ 131,525	180,171	\$1.7100	\$ 308,092	\$ 439,617	
October	149,717	\$2.9700	\$ 444,659	164,900	\$0.7300	\$ 120,377	164,900	\$1.7100	\$ 281,979	\$ 402,356	
November	163,676	\$2.9700	\$ 486,117	178,295	\$0.7300	\$ 130,156	189,955	\$1.7100	\$ 324,822	\$ 454,978	
December	173,395	\$2.9700	\$ 514,982	186,230	\$0.7300	\$ 135,948	143,668	\$1.7100	\$ 245,672	\$ 381,620	
Total	2,119,967	\$2.9700	\$6,296,303	2,270,898	\$0.7300	\$1,657,755	2,239,994	\$1.7100	\$3,830,390	\$5,488,145	

#### Hydro One

•	N	letwork		Lir	e Connec	tion		Line	Transform	nation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Ar	nount	Units Billed	Rate	Amount	Amount
	Includes H B1.3 UTR's and	lydro One Rate Sub-Transmiss			es Hydro One Ra and Sub-Transm						
January	117,835 \$	2.6500	\$ 312,263	117,835	\$0.6400	\$	75,414	117,835	\$1.5000	\$ 176,753	\$ 252,167
February	115,011 \$	2.6500	\$ 304,779	115,011	\$0.6400	\$	73,607	115,011	\$1.5000	\$ 172,517	\$ 246,124
March	94,720 \$	2.6500	\$ 251,008	94,720	\$0.6400	\$	60,621	94,720	\$1.5000	\$ 142,080	\$ 202,701
April	75,276 \$	2.6500	\$ 199,481	75,276	\$0.6400	\$	48,177	75,276	\$1.5000	\$ 112,914	\$ 161,091
May	71,748 \$	2.6500	\$ 190,132	71,748	\$0.6400	\$	45,919	71,748	\$1.5000	\$ 107,622	\$ 153,541
June	94,973 \$	2.6500	\$ 251,678	94,973	\$0.6400	\$	60,783	94,973	\$1.5000	\$ 142,460	\$ 203,242
July	78,789 \$	2.6500	\$ 208,791	78,789	\$0.6400	\$	50,425	78,789	\$1.5000	\$ 118,184	\$ 168,608
August	98,777 \$	2.6500	\$ 261,759	98,777	\$0.6400	\$	63,217	98,777	\$1.5000	\$ 148,166	\$ 211,383
September	79,205 \$	2.6500	\$ 209,893	79,205	\$0.6400	\$	50,691	79,205	\$1.5000	\$ 118,808	\$ 169,499
Öctober	80,108 \$	2.6500	\$ 212,286	80,108	\$0.6400	\$	51,269	80,108	\$1.5000	\$ 120,162	\$ 171,431
November	85,160 \$	2.6500	\$ 225,674	83,189	\$0.6400	\$	53,241	83,189	\$1.5000	\$ 124,784	\$ 178,024
December	89,854 \$	2.6500	\$ 238,113	89,854	\$0.6400	\$	57,507	89,854	\$1.5000	\$ 134,781	\$ 192,288
Total	1,081,456 \$	2.6500	\$2,865,858	1,079,485	\$0.6400	\$ 6	690,870	1,079,485	\$1.5000	\$1,619,228	\$2,310,098
Total											
	N	letwork		Lir	e Connec	tion		Line	Transform	nation	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	An	nount	Units Billed	Rate	Amount	Amount
January	300,199 \$	2.8444	\$ 853,884	310,876	\$0.6959	\$ 2	216,334	310,876	\$1.6304	\$ 506,853	\$ 723,187
February	303,490 \$	2.8487	\$ 864,562	311,329	\$0.6968	\$ 2	216,919	311,329	\$1.6324	\$ 508,220	\$ 725,139
Marah	070 011 0	0.0000	1 700 000	202 727	¢0.7040	¢ (	005 000	202 727	¢ 4 € 400	¢ 400.000	¢ coo oor

January	300,199	\$2.8444	\$ 853,884	310,876	\$0.6959	\$ 216,334	310,876	\$1.6304	\$ 506,853	\$ 723,187
February	303,490	\$2.8487	\$ 864,562	311,329	\$0.6968	\$ 216,919	311,329	\$1.6324	\$ 508,220	\$ 725,139
March	276,211	\$2.8603	\$ 790,036	293,737	\$0.7010	\$ 205,903	293,737	\$1.6423	\$ 482,399	\$ 688,302
April	221,341	\$2.8612	\$ 633,294	237,338	\$0.7015	\$ 166,482	237,338	\$1.6434	\$ 390,040	\$ 556,522
May	220,625	\$2.8659	\$ 632,297	233,180	\$0.7023	\$ 163,764	233,180	\$1.6454	\$ 383,671	\$ 547,435
June	298,480	\$2.8682	\$ 856,094	307,759	\$0.7022	\$ 216,117	307,759	\$1.6452	\$ 506,324	\$ 722,440
July	285,496	\$2.8817	\$ 822,711	300,249	\$0.7064	\$ 212,091	300,249	\$1.6549	\$ 496,880	\$ 708,971
August	304,100	\$2.8661	\$ 871,568	313,962	\$0.7017	\$ 220,302	313,962	\$1.6439	\$ 516,132	\$ 736,434
September	249,572	\$2.8684	\$ 715,883	259,376	\$0.7025	\$ 182,216	259,376	\$1.6459	\$ 426,900	\$ 609,116
October	229,825	\$2.8585	\$ 656,946	245,008	\$0.7006	\$ 171,646	245,008	\$1.6413	\$ 402,141	\$ 573,787
November	248,836	\$2.8605	\$ 711,791	261,484	\$0.7014	\$ 183,397	273,144	\$1.6460	\$ 449,606	\$ 633,002
December	263,249	\$2.8608	\$ 753,095	276,084	\$0.7007	\$ 193,455	233,522	\$1.6292	\$ 380,453	\$ 573,907
Total	3,201,423	\$2.8619	\$9,162,161	3,350,383	\$0.7010	\$2,348,626	3,319,479	\$1.6417	\$5,449,618	\$7,798,243

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 8 of 14



Name of LDC: File Number: Version : 1.9

C: PowerStream Inc. - Barrie EB-2010-0110

#### **Forecast Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when forecasted 2011 UTR rates are applied against historical (2009) transmission units.

#### IESO

	Network			Lin	e Connec	tion	Transfor	onnection	Total Line	
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	182,364	\$2.9700	\$ 541,621	193,041	\$0.7300	\$ 140,920	193,041	\$1.7100	\$ 330,100	\$ 471,020
February	188,479	\$2.9700	\$ 559,783	196,318	\$0.7300	\$ 143,312	196,318	\$1.7100	\$ 335,704	\$ 479,016
March	181,491	\$2.9700	\$ 539,028	199,017	\$0.7300	\$ 145,282	199,017	\$1.7100	\$ 340,319	\$ 485,601
April	146,065	\$2.9700	\$ 433,813	162,062	\$0.7300	\$ 118,305	162,062	\$1.7100	\$ 277,126	\$ 395,431
May	148,877	\$2.9700	\$ 442,165	161,432	\$0.7300	\$ 117,845	161,432	\$1.7100	\$ 276,049	\$ 393,894
June	203,507	\$2.9700	\$ 604,416	212,786	\$0.7300	\$ 155,334	212,786	\$1.7100	\$ 363,864	\$ 519,198
July	206,707	\$2.9700	\$ 613,920	221,460	\$0.7300	\$ 161,666	221,460	\$1.7100	\$ 378,697	\$ 540,362
August	205,323	\$2.9700	\$ 609,809	215,185	\$0.7300	\$ 157,085	215,185	\$1.7100	\$ 367,966	\$ 525,051
September	170,367	\$2.9700	\$ 505,990	180,171	\$0.7300	\$ 131,525	180,171	\$1.7100	\$ 308,092	\$ 439,617
October	149,717	\$2.9700	\$ 444,659	164,900	\$0.7300	\$ 120,377	164,900	\$1.7100	\$ 281,979	\$ 402,356
November	163,676	\$2.9700	\$ 486,117	178,295	\$0.7300	\$ 130,156	189,955	\$1.7100	\$ 324,822	\$ 454,978
December	173,395	\$2.9700	\$ 514,982	186,230	\$0.7300	\$ 135,948	143,668	\$1.7100	\$ 245,672	\$ 381,620
Total	2,119,967	\$2.9700	\$6,296,303	2,270,898	\$0.7300	\$1,657,755	2,239,994	\$1.7100	\$3,830,390	\$5,488,145

#### Hydro One

•	Network		Lin	e Connect	ion	Line Transformation			Total Line
Month	Units Billed Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Includes Hydro One Ra B1.3 UTR's and Sub-Transmi			s Hydro One Rat nd Sub-Transmis					
January	117,835 \$2.6500	\$ 312,263	117,835	\$0.6400	\$ 75,414	117,835	\$1.5000	\$ 176,753	\$ 252,167
February	115,011 \$2.6500	\$ 304,779	115,011	\$0.6400	\$ 73,607	115,011	\$1.5000	\$ 172,517	\$ 246,124
March	94,720 \$2.6500	\$ 251,008	94,720	\$0.6400	\$ 60,621	94,720	\$1.5000	\$ 142,080	\$ 202,701
April	75,276 \$2.6500	\$ 199,481	75,276	\$0.6400	\$ 48,177	75,276	\$1.5000	\$ 112,914	\$ 161,091
May	71,748 \$2.6500	\$ 190,132	71,748	\$0.6400	\$ 45,919	71,748	\$1.5000	\$ 107,622	\$ 153,541
June	94,973 \$2.6500	\$ 251,678	94,973	\$0.6400	\$ 60,783	94,973	\$1.5000	\$ 142,460	\$ 203,242
July	78,789 \$2.6500	\$ 208,791	78,789	\$0.6400	\$ 50,425	78,789	\$1.5000	\$ 118,184	\$ 168,608
August	98,777 \$2.6500	\$ 261,759	98,777	\$0.6400	\$ 63,217	98,777	\$1.5000	\$ 148,166	\$ 211,383
September	79,205 \$2.6500	\$ 209,893	79,205	\$0.6400	\$ 50,691	79,205	\$1.5000	\$ 118,808	\$ 169,499
October	80,108 \$2.6500	\$ 212,286	80,108	\$0.6400	\$ 51,269	80,108	\$1.5000	\$ 120,162	\$ 171,431
November	85,160 \$2.6500	\$ 225,674	83,189	\$0.6400	\$ 53,241	83,189	\$1.5000	\$ 124,784	\$ 178,024
December	89,854 \$2.6500	\$ 238,113	89,854	\$0.6400	\$ 57,507	89,854	\$1.5000	\$ 134,781	\$ 192,288
Total	1,081,456 \$2.6500	\$2,865,858	1,079,485	\$0.6400	\$ 690,870	1,079,485	\$1.5000	\$1,619,228	\$2,310,098
Total									
	Network		Lin	e Connect	ion	Line	Transforn	nation	Total Line
Month	Units Billed Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	300,199 \$2.8444	\$ 853,884	310,876	\$0.6959	\$ 216,334	310,876	\$1.6304	\$ 506,853	\$ 723,187
February	303,490 \$2.8487	\$ 864,562	311,329	\$0.6968	\$ 216,919	311,329	\$1.6324	\$ 508,220	\$ 725,139
	070 044 00 0000	A 700 000	000 707	A	A 005 000	000 707	A 4 0 400	<b>A</b> 400.000	<b>a</b> ana ana

January	300,1	99 \$2.8444	\$ 853,884	310,876	\$0.6959	\$ 216,334	310,876	\$1.6304	\$ 506,853	\$ 723,187
February	303,4	90 \$2.8487	\$ 864,562	311,329	\$0.6968	\$ 216,919	311,329	\$1.6324	\$ 508,220	\$ 725,139
March	276,2	11 \$2.8603	\$ 790,036	293,737	\$0.7010	\$ 205,903	293,737	\$1.6423	\$ 482,399	\$ 688,302
April	221,3	41 \$2.8612	\$ 633,294	237,338	\$0.7015	\$ 166,482	237,338	\$1.6434	\$ 390,040	\$ 556,522
May	220,6	25 \$2.8659	\$ 632,297	233,180	\$0.7023	\$ 163,764	233,180	\$1.6454	\$ 383,671	\$ 547,435
June	298,4	80 \$2.8682	\$ 856,094	307,759	\$0.7022	\$ 216,117	307,759	\$1.6452	\$ 506,324	\$ 722,440
July	285,4	96 \$2.8817	\$ 822,711	300,249	\$0.7064	\$ 212,091	300,249	\$1.6549	\$ 496,880	\$ 708,971
August	304,1	00 \$2.8661	\$ 871,568	313,962	\$0.7017	\$ 220,302	313,962	\$1.6439	\$ 516,132	\$ 736,434
September	249,5	72 \$2.8684	\$ 715,883	259,376	\$0.7025	\$ 182,216	259,376	\$1.6459	\$ 426,900	\$ 609,116
October	229,8	\$2.8585	\$ 656,946	245,008	\$0.7006	\$ 171,646	245,008	\$1.6413	\$ 402,141	\$ 573,787
November	248,8	36 \$2.8605	\$ 711,791	261,484	\$0.7014	\$ 183,397	273,144	\$1.6460	\$ 449,606	\$ 633,002
December	263,2	49 \$2.8608	\$ 753,095	276,084	\$0.7007	\$ 193,455	233,522	\$1.6292	\$ 380,453	\$ 573,907
Total	3,201,4	23 \$2.8619	\$9,162,161	3,350,383	\$0.7010	\$2,348,626	3,319,479	\$1.6417	\$5,449,618	\$7,798,243

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 9 of 14



Name of LDC: PowerStream Inc. - Barrie File Number: EB-2010-0110 Version : 1.9

#### Adjust RTSR-Network to Current Network Wholesale

The purpose of this sheet is to re-align current RTSR-Network to recover current wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Network		Loss Adjusted Billed kWh	Billed kW	Billed Amount		Billed Amount %	Current Wholesale Billing		Adjusted RTSR - Network	
			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)		(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$	0.0061	579,928,560	0	\$	3,537,564	38.66%	\$	3,542,346	\$	0.0061
General Service Less Than 50 kW	kWh	\$	0.0057	205,382,509	0	\$	1,170,680	12.79%	\$	1,172,263	\$	0.0057
General Service 50 to 4,999 kW	kW	\$	2.2121	0	1,000,299	\$	2,212,761	24.18%	\$	2,215,753	\$	2.2151
General Service 50 to 4,999 kW - Time of Use	kW	\$	2.9366	0	733,531	\$	2,154,087	23.54%	\$	2,156,999	\$	2.9406
Unmetered Scattered Load	kWh	\$	0.0057	3,115,901	0	\$	17,761	0.19%	\$	17,785	\$	0.0057
Street Lighting	kW	\$	1.7475	0	32,583	\$	56,939	0.62%	\$	57,016	\$	1.7499
				788,426,970	1,766,413	\$	9,149,793	100.00%	\$	9,162,161		

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 10 of 14



Name of LDC: PowerStream Inc. - Barrie File Number: EB-2010-0110 Version : 1.9

#### Adjust RTSR-Connection to Current Connection Wholesale

The purpose of this sheet is to re-align current RTSR-Connection to recover current wholesale Connection costs.

(	Current RTSR - Connection	Loss Adjusted Billed kWh	Billed kW	Bi	illed Amount	Billed Amount %	% Current Wholesale B		Adjusted RTSR - Connection	
	(A) Column J 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)		(I) = (H) / (B) or (H) / (C)
\$	0.0053	579,928,560	0	\$	3,073,621	39.44%	\$	3,075,454	\$	0.0053
\$	0.0047	205,382,509	0	\$	965,298	12.39%	\$	965,873	\$	0.0047
\$	1.8702	0	1,000,299	\$	1,870,759	24.00%	\$	1,871,875	\$	1.8713
\$	2.4827	0	733,531	\$	1,821,137	23.37%	\$	1,822,223	\$	2.4842
\$	0.0047	3,115,901	0	\$	14,645	0.19%	\$	14,653	\$	0.0047
\$	1.4773	0	32,583	\$	48,135	0.62%	\$	48,164	\$	1.4782
		788,426,970	1,766,413	\$	7,793,596	100.00%	\$	7,798,243		
	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(A) Column J Sheet B1.1           \$         0.0053           \$         0.0047           \$         1.8702           \$         2.4827           \$         0.0047	(A) Column J Sheet B1.1         (B) Column O Sheet B1.2           \$         0.0053         579,928,560           \$         0.0047         205,82,509           \$         1.8702         00           \$         2.4827         00           \$         0.0047         3,115,901           \$         1.4773         0	(A) Column J Sheet B1.1         (B) Column O Sheet B1.2         (C) Column I Sheet B1.2           \$         0.0053         579.928,569         0           \$         0.0047         205.382,509         0           \$         1.8702         0         1.000,299           \$         2.4827         0         733,531           \$         0.0047         3,115,901         0           \$         1.4773         0         32,583	(A) Column J Sheet B1.1         (B) Column 0 Sheet B1.2         (C) Column 1 Sheet B1.2         (D)           \$         0.0053         579.928,560         0         \$           \$         0.0047         205,382,509         0         \$           \$         1.8702         0         1.000,299         \$           \$         2.4827         0         733,531         \$           \$         0.0047         3,115,901         0         \$           \$         1.4773         0         32,583         \$	(A) Column J Sheet B1.1         (B) Column 0 Sheet B1.2         (C) Column 1 Sheet B1.2         (D) = (A) * (B) = (A) * (C)           \$         0.0053         579.928,560         0         \$         3,073,621           \$         0.0047         205,382,509         0         \$         965,298           \$         1.870,29         0         1,000,299         \$         1,870,759           \$         2.4827         0         733,631         \$         1,821,137           \$         0.0047         3,115,901         0         \$         14,645           \$         1.4773         0         32,583         \$         48,135	(A) Column J Sheet B1.1         (B) Column 0 Sheet B1.2         (D) = (A) * (B) = r(A) * (C)         (P) = (D) / (E)           \$         0.0053         579 928,560         0         \$ 3,073,621         39,44%           \$         0.0047         205,382,509         0         \$ 965,228         12.39%           \$         1.870,759         24,00%         \$ 1,870,759         24,00%           \$         2.4827         0         733,631         \$ 1,821,137         23,37%           \$         0.0047         3,115,901         0         \$ 14,645         0.19%           \$         1.4773         0         32,583         \$ 48,135         0.62%	(A) Column J Sheet B1.1         (B) Column O Sheet B1.2         (C) Column I Sheet B1.2         (D) = (A) * (B) er (A) * (C)         (P) = (D) / (E)           \$         0.0053         579,928,560         0         \$         3,073,621         39,44%         \$           \$         0.0047         2205,382,509         0         \$         96,528         12.39%         \$           \$         1.8702         00         1,000,299         \$         1,870,759         24.00%         \$           \$         2.4827         0         733,531         \$         1,821,137         23.37%         \$           \$         0.0047         3,115,901         0         \$         14,645         0.19%         \$           \$         1.4773         0         32,583         \$         48,135         0.62%         \$	(A) Column J Sheet B1.1         (B) Column 0 Sheet B1.2         (D) = (A) * (B) = r (A) * (B) = r (A) * (C)         (P) = (D) / (E)         (P) = (D) / (E) <th< td=""><td>(A) Column J Sheet B1.1         (B) Column O Sheet B1.2         (C) Column I Sheet B1.2         (D) = (A) * (B) or (A) * (C)         (P) = (D) / (E)         (P) = (C) / (E)           \$         0.0053         579,928,560         0         \$ 3,073,621         39.44%         \$ 965,873         \$           \$         0.0047         22030         0         \$ 965,293         12.39%         \$ 965,873         \$           \$         1.870,2         0         1.000,299         \$ 1.870,759         24.00%         \$ 1.871,875         \$           \$         2.4827         0         733,531         \$ 1.821,137         22.37%         \$ 1.822,223         \$           \$         0.0047         3,115,901         0         \$ 1.4,645         0.19%         \$ 1.42,653         \$           \$         1.4773         0         32,583         \$ 48,135         0.62%         \$ 48,164         \$</td></th<>	(A) Column J Sheet B1.1         (B) Column O Sheet B1.2         (C) Column I Sheet B1.2         (D) = (A) * (B) or (A) * (C)         (P) = (D) / (E)         (P) = (C) / (E)           \$         0.0053         579,928,560         0         \$ 3,073,621         39.44%         \$ 965,873         \$           \$         0.0047         22030         0         \$ 965,293         12.39%         \$ 965,873         \$           \$         1.870,2         0         1.000,299         \$ 1.870,759         24.00%         \$ 1.871,875         \$           \$         2.4827         0         733,531         \$ 1.821,137         22.37%         \$ 1.822,223         \$           \$         0.0047         3,115,901         0         \$ 1.4,645         0.19%         \$ 1.42,653         \$           \$         1.4773         0         32,583         \$ 48,135         0.62%         \$ 48,164         \$

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 11 of 14



Name of LDC: PowerStream Inc. - Barrie File Number: EB-2010-0110 Version : 1.9

#### Adjust RTSR-Network to Forecast Network Wholesale

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Adjuste	d RTSR - Network	Loss Adjusted Billed kWh	Billed kW	в	illed Amount	Billed Amount %	Foreca	ast Wholesale Billing	P	oposed RTSR - Network
		(A) C	olumn S Sheet D1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) :	= (A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)		(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$	0.0061	579,928,560	0	\$	3,542,346	38.66%	\$	3,542,346	\$	0.0061
General Service Less Than 50 kW	kWh	\$	0.0057	205,382,509	0	\$	1,172,263	12.79%	\$	1,172,263	\$	0.0057
General Service 50 to 4,999 kW	kW	\$	2.2151	0	1,000,299	\$	2,215,753	24.18%	\$	2,215,753	\$	2.2151
General Service 50 to 4,999 kW - Time of Use	kW	\$	2.9406	0	733,531	\$	2,156,999	23.54%	\$	2,156,999	\$	2.9406
Unmetered Scattered Load	kWh	\$	0.0057	3,115,901	0	\$	17,785	0.19%	\$	17,785	\$	0.0057
Street Lighting	kW	\$	1.7499	0	32,583	\$	57,016	0.62%	\$	57,016	\$	1.7499
				788,426,970	1,766,413	\$	9,162,161	100.00%	\$	9,162,161		
							(E)		C	ell G73 Sheet C1.3		

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 12 of 14



Name of LDC: PowerStream Inc. - Barrie File Number: EB-2010-0110 Version : 1.9

#### Adjust RTSR-Connection to Forecast Connection Wholesale

The purpose of this sheet is to update re-aligned RTSR-Connection rates to recover forecast wholesale Connection costs.

Rate Class	Vol Metric	Adjuste	d RTSR - Connection	Loss Adjusted Billed kWh	Billed kW	Bil	led Amount	Billed Amount %	Fore	cast Wholesale Billing	Prop	osed RTSR - Connection
		(A	) Column S Sheet D1.2	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) =	(A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)		(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$	0.0053	579,928,560	0	\$	3,075,454	39.44%	\$	3,075,454	\$	0.0053
General Service Less Than 50 kW	kWh	\$	0.0047	205,382,509	0	\$	965,873	12.39%	\$	965,873	\$	0.0047
General Service 50 to 4,999 kW	kW	\$	1.8713	0	1,000,299	\$	1,871,875	24.00%	\$	1,871,875	\$	1.8713
General Service 50 to 4,999 kW - Time of Use	kW	\$	2.4842	0	733,531	\$	1,822,223	23.37%	\$	1,822,223	\$	2.4842
Unmetered Scattered Load	kWh	\$	0.0047	3,115,901	0	\$	14,653	0.19%	\$	14,653	\$	0.0047
Street Lighting	kW	\$	1.4782	0	32,583	\$	48,164	0.62%	\$	48,164	\$	1.4782
				788,426,970	1,766,413	\$	7,798,243	100.00%	\$	7,798,243		
							(E)			Cell Q73 Sheet C1.3		

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 13 of 14



Name of LDC: File Number:

: PowerStream Inc. - Barrie EB-2010-0110

## **IRM RTSR Adjustment Calculation - Network**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

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	0.0061	0.0061	8.24586E-06
General Service Less Than 50 kW	kWh	0.0057	0	7.70514E-06
General Service 50 to 4,999 kW	kW	2.2121	2	0.002990272
General Service 50 to 4,999 kW - Time of Use	kW	2.9366	3	0.003969637
Unmetered Scattered Load	kWh	0.0057	0	7.70514E-06
Street Lighting	kW	1.7475	2	0.002362235

Enter this value into column"G" on sheet"L1.1 Appl For TX Network" of the 2011 Rate Generator

Filed: December 23, 2010 EB-2010-0365 / EB-2010-0110 PowerStream Barrie 2011 IRM Application Responses to Board Staff Interrogatories Appendix G - Revised Page 14 of 14



Name of LDC: File Number:

: PowerStream Inc. - Barrie EB-2010-0110

## **IRM RTSR Adjustment Calculation - Connection**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

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	0.0053	0.0053	3.16059E-06
General Service Less Than 50 kW	kWh	0.0047	0.0047	2.80279E-06
General Service 50 to 4,999 kW	kW	1.8702	1.8713	0.001115271
General Service 50 to 4,999 kW - Time of Use	kW	2.4827	2.4842	0.001480527
Unmetered Scattered Load	kWh	0.0047	0.0047	2.80279E-06
Street Lighting	kW	1.4773	1.4782	0.00088097

Enter this value into column"G" on sheet"L2.1 Appl For TX Connect" of the 2011 Rate Generator