

November 24, 2011

# **Delivered by Courier and Filed Electronically via RESS**

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

Dear Ms. Walli

Re: PowerStream Inc. (OEB Electricity Distributor Licence ED-2004-0420)
2011 Smart Meter Cost Recovery Application – Board File No. EB-2011-0128
DRAFT RATE ORDER

Please find enclosed two (2) paper copies of the Draft Rate Order and all supporting calculations for the above captioned application. Please note also that this Draft Rate Order has been filed in PDF format through the Board's Regulatory Electronic Submission System (RESS).

Yours truly,

Original signed by Tom Barrett

Tom Barrett Manger, Rates & Applications **IN THE MATTER OF** the *Ontario Energy Board Act, 1998,* S.O. 1998, c.15, (Schedule B);

**AND IN THE MATTER OF** an application by PowerStream Inc. for an order or orders approving or fixing a just and reasonable distribution rates related to Smart Meter deployment, to be effective December 1, 2011.

# **Draft Rate Order**

FILED: November 24, 2011

## Applicant:

PowerStream Inc. 161 Cityview Boulevard Vaughan, Ontario L4H 0A9

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	December 1, 2011
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Schedule 6 - Bill Impacts

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1 Summary

- 2 PowerStream Inc. submits the following Draft Rate Order, including a Proposed
- 3 Tariff of Rates and Charges Effective December 1, 2011 (attached as Schedule
- 4 1) as directed by the Ontario Energy Board in its Decision and Order dated
- 5 November 21, 2011 (the "Decision").
- 6 In its Decision, the Board instructed PowerStream to:
- 7 Remove all forecasted costs associated with the installation of meters after
- 8 April 30, 2011 and continue to track in account 1556 the repair and
- 9 maintenance costs to customer premises required to install remaining smart
- meters (estimated in the Application at \$500,000);
- Adopt the cost allocation method proposed by Vulnerable Energy Consumers
- 12 Coalition ("VECC") by calculating rate class specific revenue requirements for
- each rate zone for determining the SMDR and SMIRR rate riders, with the
- 14 added clarification that the smart meter adder collected from the other rate
- 15 classes should be allocated evenly to the Residential and GS<50 kW rate
- 16 classes;
- Provide clarification regarding the calculation of carrying charges on OM&A
- and amortization expense for the historical costs;
- Recalculate the Smart Meter Disposition Riders (SMDR) and the Smart Meter
- 20 Incremental Revenue Requirement Riders (SMIRR) to incorporate the
- 21 changes directed by the Board and to reflect a December 1, 2011 effective
- and implementation date with a five month recovery period to April 30, 2012
- for the SMDR.
- File a Draft Rate Order and proposed Tariff of Rates and Charges reflecting
- the Decision by November 28, 2011.

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1 This Draft Rate Order implements the Board's directions as set out in the

2 Decision.

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3 This Application pertains to smart meters installed in the PowerStream South

4 rate zone from January 1, 2010 to April 30, 2011, and in the PowerStream North

5 rate zone from January 1, 2006 to April 30, 2011. The rate adjustments in this

6 Application are in addition to the existing rates and rate riders, which are

7 unchanged. A full proposed Tariff of Rates and Charges has been presented for

8 completeness, attached as Schedule 1.

# **Rate Calculation and Implementation**

10 PowerStream has been requested to clarify the calculation of carrying charges in

11 the Application. The Smart Meter Cost Recovery model, on sheet "5 Principal",

calculates the principal amount, excluding any stranded meter costs, as the

revenue requirement less the smart meter adder collected. The revenue

requirement includes OM&A and amortization and is based on the calculation of

15 revenue requirement on sheet "2 Revenue Requirement". On sheet "6 Interest",

16 carrying charges are calculated on the opening monthly net principal amount at

17 the OEB prescribed interest rate. This is in compliance with Board guidelines on

smart meter cost recovery and no adjustment is proposed. The titles on the

principal and interest schedules have been revised to better reflect their purpose

20 as described above.

PowerStream has calculated two smart meter rate riders, on a rate class and rate

zone basis, according to the Board's Decision:

a) Smart Meter Disposition Rider ("SMDR")

b) Smart Meter Incremental Revenue Requirement Rider ("SMIRR")

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- 1 PowerStream has made the following adjustments to reflect the Board's
- 2 Decision:
- Removal of the estimated \$500,000 repair costs to customer premises to
   allow installation of a smart meter. This was the only forecasted cost
   related to installation of smart meters after April 30, 2011.
- Completion of separate Smart Meter Cost Recovery models for the
   Residential and GS <50kW customer classes in each rate zone to</li>
   calculate the class specific true-up amounts for the SMDR and
   incremental revenue requirement amounts for the SMIRR.
- Models have been updated to reflect a December 1, 2011 effective and
   implementation date for the SMDR and SMIRR.
- 12 These are discussed in detail below.

## 13 a) Calculation of SMDR

- 14 The Application as filed includes actual capital costs of installed meters up to
- 15 April 30, 2011. There are no forecasted capital costs for meters to be installed
- 16 after April 30, 2011. No adjustment to capital cost is required based on the
- 17 Decision.
- 18 The forecasted OM&A costs for May 1, 2011 to December 31, 2011 included an
- amount of \$500,000 for repairs to customer premises to permit installation of a
- smart meter. This total was comprised of \$145,000 for the North and \$355,000
- 21 for the South.
- 22 These "one-time" costs were included in the 2011 projected OM&A costs used to
- 23 calculate the true-up disposition amount but excluded from the "Adjusted 2011
- 24 OM&A" amounts used to calculate the smart meter incremental revenue

- 1 requirement amounts. PowerStream has removed these costs in the
- 2 recalculation of the SMDR in this draft rate order.
- 3 To calculate the SMDR and SMIRR by rate class and rate zone, PowerStream
- 4 has updated the Smart Meter Cost models, filed in the response to VECC
- 5 interrogatories 3 and 4 based on the original Application amounts, as follows:
- Remove the total of \$500,000 in repair and maintenance cost from the
   2011 OM&A costs;
- Allocate the smart meter adder ("SM Adder") amounts collected from the
   GS>50kW and Large Use classes evenly to the Residential and
   GS<50kW classes;</li>
  - Calculated the revenue requirement for the month of November 2011 and included this in the determination of the true-up amount to reflect that the SMIRR will be implemented effective December 1, 2011, rather than November 1, 2011.
- Table 1 below shows the adjustment to the 2011 OM&A amounts included in the models.

**Table 1: Adjustments to 2011 OM&A Amounts** 

	North	South	Total
2011 OM&A as filed	\$ 407,110	\$ 617,267	\$1,024,377
Removed per Decision	\$ (145,000)	\$(355,000)	\$ (500,000)
Revised 2011 OM&A	\$ 262,110	\$ 262,267	\$ 524,377

- 18 Table 2 shows the original allocation and revised allocation of the 2011 OM&A
- 19 amount between the rate classes.

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Table 2: 2011 OM&A Amount by Rate Class

North	R	Residential		<50 kW	Total	
2011 OM&A as filed	\$	381,277	\$	25,833	\$	407,110
Removed per Decision	\$	\$ (135,797)		\$ (9,201)		144,998) <sup>1</sup>
Revised 2011 OM&A	\$	245,480	\$	16,632	\$	262,112
South	R	Residential		GS<50 kW		Total
2011 OM&A as filed	\$	159,350	\$	457,917	\$	617,267
Removed per Decision	\$	(91,645)	\$	(263,355)	\$(	355,000)
Revised 2011 OM&A	\$	67,705	\$	194,562	\$	262,267

<sup>1.</sup> Small rounding difference when allocated to rate classes.

- 3 OM&A costs have been allocated on the basis of the average number of meters
- 4 for each class during the year, as in the response to the VECC interrogatories.
- 5 The SM Adder amounts have been adjusted to allocate the amounts collected
- 6 from the GS>50kW and Large Use classes evenly between the Residential and
- 7 GS<50kW rate classes, as shown in Table 3.

Table 3: Allocation of SM Adder Amounts

North	Residential		GS<50 kW		Other		Total	
SM Adder as filed	\$	2,538,894	\$	229,876	\$	32,651	\$	2,801,421
Re-allocated per Decision	\$	16,326	\$	16,326	\$	(32,651)	\$	1
Revised SM Adder	\$	2,555,220	\$	246,202	\$	-	\$	2,801,422
South	Residential		GS<50 kW					Total
SM Adder as filed	\$	4,196,784	\$	452,248	\$	69,529	\$	4,718,561
Re-allocated per Decision	\$	34,765	\$	34,764	\$	(69,529)	\$	-
Revised SM Adder	\$	4,231,549	\$	487,012	\$	-	¢	4,718,561

- 9 The revised OM&A and SM Adder amounts have been input into Smart Meter
- 10 Cost Recovery models for each rate zone and rate class. The updated models
- 11 are attached as Schedules 2 to 5.
- 12 The results for the Smart Meter True-up amount used to calculate the SMDR are
- 13 summarized in Table 4.

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**Table 4: True-up Amounts for SMDR** 

North	Residentia	al GS<50 kW	Total
True-up per DRO	\$ 70,32	1 \$ 232,274	\$ 302,595
True-up per IRR	\$ 76,92	9 \$ 228,295	\$ 305,224
Change	\$ (6,60	8) \$ 3,979	\$ (2,629)
South	Residentia	al GS<50 kW	Total
True-up per DRO	\$(3,550,85	3) \$ 1,326,692	\$(2,224,161)
True-up per IRR	\$(3,471,65	0) \$1,486,286	\$ 1,985,364)
Change	\$ (79,20	3) \$ (159,594)	\$ (238,797)

- 2 Table 4 shows the smart meter true-up amounts resulting from the Decision and
- 3 reflected in the updated models attached to the draft rate order ("True-up per
- 4 DRO") and in response to VECC interrogatories 3 and 4 ("True-up per IRR")
- 5 based on the original Application amounts.
- 6 The total true up for the North of \$302,595 represents a decrease \$2,629 from
- 7 the interrogatory responses based on the original Application. This net change in
- 8 the total true-up amount reflects the removal of \$145,000 from 2011 OM&A, an
- 9 additional month of revenue requirement for November 2011 of \$154,000 and
- 10 changes in PILs.
- 11 The total true up for the South of \$ (2,224,161) represents a reduction of
- 12 \$238,797 from the interrogatory responses based on the original application. This
- net change in total true-up reflects the removal of \$355,000 from 2011 OM&A, an
- 14 additional month of revenue requirement for November 2011 of \$136,000 and
- 15 changes in PILs.
- 16 The Decision states the disposition amounts are to be collected over the five
- month period December 1, 2011 to April 30, 2012. Tables 5 and 6 below show
- the disposition amounts and the resulting SMDR by rate class for the North and
- 19 South rate zones respectively.

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1 Table 5: Smart Meter Disposition Rate Rider – North Rate Zone

North	Residential		G	S<50 kW	Total		
True-up per DRO	\$	70,321	\$	232,274	\$	302,595	
Number of Customers		64,830		5,886		70,716	
Number of Months		5		5			
Monthly Charge	\$	0.22	\$	7.89			

Table 6: Smart Meter Disposition Rate Rider – South Rate Zone

South	Residential	GS<50 kW	Total
True-up per DRO	\$(3,550,853)	\$ 1,326,692	\$(2,224,161)
Number of Customers	226,121	24,190	250,311
Number of Months	5	5	
Monthly Charge	\$ (3.14)	\$ 10.97	

# 3 b) Calculation of the SMIRR Rate Rider

- 4 The adjustments required by the Decision affect only the OM&A amounts for the
- 5 disposition amounts as discussed above. These one-time costs were not
- 6 included in the calculation of the smart meter incremental revenue requirement
- 7 amount so there is no need for an adjustment.
- 8 Table 7 compares the SMIRR amounts calculated in this Draft Rate Order (DRO)
- 9 and the responses to VECC interrogatories 3 and 4 based on the Application as
- 10 filed.

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Table 7: Smart Meter Incremental Revenue Amounts

North	Residential		G	SS<50 kW	Total		
SMIRR per DRO	\$ 1	1,387,350	\$	334,366	\$ 1	,721,716	
SMIRR per IRR	\$ 1	1,387,660	\$	334,387	\$ 1	,722,047	
Change	\$	(310)	\$	(21)	\$	(331)	
	Residential						
South	R	esidential	G	SS<50 kW		Total	
South SMIRR per DRO	R \$	esidential 389,820	\$	977,315	\$ 1	<b>Total</b> ,367,135	

- 1 The "SMIRR per DRO" shows the resulting amounts from the models filed in this 2 draft rate order ("DRO"). There are some very minor differences between the 3 DRO models filed by rate class and those created in the response to the VECC 4 interrogatories. The differences are the result of using the PILs amount 5 calculated for the smart meter disposition amounts as a proxy for the SMIRR 6 amounts. Differences are very minor and PowerStream has calculated the 7 SMIRR rate riders using the incremental revenue requirement amounts 8 calculated in the models attached in Schedules 2 to 5.
- 9 Table 8 and 9 below show the smart meter incremental revenue requirement 10 amounts and the resulting SMIRR rate riders by rate class for the North and 11 South rate zones respectively.

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Table 8: SMIRR Rate Rider Calculation - North Rate Zone

North	Residential	GS<50 kW	Total
SMIRR per DRO	\$ 1,387,350	\$ 334,366	\$ 1,721,716
Number of Customers	64,830	5,886	70,716
Number of Months	12	12	
Monthly Charge	\$ 1.78	\$ 4.73	

Table 9: SMIRR Rate Rider Calculation - South Rate Zone

South	Re	sidential	GS	S<50 kW	Total
SMIRR per DRO	\$	389,820	\$	977,315	\$ 1,367,135
Number of Customers		226,121		24,190	250,311
Number of Months		12		12	
Monthly Charge	\$	0.14	\$	3.37	

As per the Board's Guideline, *G-2008-0002 Smart Meter Funding and Cost Recovery (the "Guideline")*, the SMIRR remains in effect until new rates are implemented based on a cost of service rate application.

# 1 Bill Impacts

- 2 This Application pertains to smart meters installed in the PowerStream South
- 3 (York Region) rate zone from January 1, 2010 to April 30, 2011 and in the
- 4 PowerStream North (Barrie) rate zone from January 1, 2006 to April 30, 2011.
- 5 The smart meter monthly rate riders calculated herein are summarized in Table
- 6 10 below. These rate riders are in addition to existing rates and rate riders which
- 7 are unchanged.

8 Table 10: New Monthly Smart Meter Rate Riders

		North				South			
Rate Rider	Res	Residential GS<50kW		Residential GS<50kW		Residential		GS<50kW	
SMDR	\$	0.22	\$	7.89	\$	(3.14)	\$	10.97	
SMIRR	\$	1.78	\$	4.73	\$	0.14	\$	3.37	
Total	\$	2.00	\$	12.62	\$	(3.00)	\$	14.34	

- 9 The monthly bill impacts of the new smart meter rate riders are discussed below.
- 10 a) North Rate Zone
- A Residential customer consuming 800 kWhs per month will see an
   increase in their monthly bill of \$2.03 or 1.8%; and
- A General Service Less than 50 kW customer using 2,000 kWhs per
   month will see an increase in their monthly bill of \$12.83 or 4.9%.
- 15 b) South Rate Zone
- A Residential customer consuming 800 kWhs per month will see a
   decrease in their monthly bill of \$3.05 or 2.9%; and
- A General Service Less than 50 kW customer using 2,000 kWhs per
   month will see an increase in their monthly bill of \$14.58 or 5.8%.
- 20 Please see attached Schedule 6 for the detailed bill impact calculations.

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- 1 PowerStream submits that these impacts are acceptable, and that no mitigation
- 2 measures are required.
- 3 PowerStream respectfully requests that the Board issue its Rate Order based on
- 4 the draft Schedule of Rates and Charges accompanying this Draft Rate Order as
- 5 Schedule 1.

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	11.89
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.16
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service application	\$	1.28
Smart Meter Disposition Rider - effective until April 30, 2012	<u>\$</u>	-3.14
Rate Rider for Smart Meter Incremental Revenue Requirement (2011) - in effect until the effective date of the next cost of service application	\$	0.14
Distribution Volumetric Rate	\$/kWh	0.0134
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kWh	-0.0003
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery /Shared Savings Mechanism (SSM)		
Recovery (2011) - effective until April 30, 2012	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0026

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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PowerStream Inc. - South
TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES - Delivery Component
Carries Charge

Service Charge	Ф	28.39
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.43
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service application	\$	1.01
Smart Meter Disposition Rider - effective until April 30, 2012	<u>\$</u>	10.97
Rate Rider for Smart Meter Incremental Revenue Requirement (2011) - in effect until the effective date of the next cost of service application	\$	3.37
Distribution Volumetric Rate	\$/kWh	0.0115
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kWh	-0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery /Shared Savings Mechanism (SSM)		
Recovery (2011) - effective until April 30, 2012	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0023

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	83.71
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	5.38
Distribution Volumetric Rate	\$/kW	3.4730
Low Voltage Service Rate	\$/kW	0.0472
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	-0.0417
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery /Shared Savings Mechanism (SSM)		
Recovery (2011) - effective until April 30, 2012	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kW	2.3510
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9299

Wholesale Market Service Rate	\$/KVVh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES	AND CHARGES - Deliver	v Component

Service Charge	\$	2154.67
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	138.96
Distribution Volumetric Rate	\$/kW	1.0393
Low Voltage Service Rate	\$/kW	0.0558
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	-0.0146
Retail Transmission Rate – Network Service Rate	\$/kW	2.7582
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0990

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

## **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/ documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	14.20
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.09
Distribution Volumetric Rate	\$/kWh	0.0086
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kWh	-0.0006
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0026

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	1.98
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.06
Distribution Volumetric Rate	\$/kW	9.3098
Low Voltage Service Rate	\$/kW	0.0401
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	-0.1216
Retail Transmission Rate – Network Service Rate	\$/kW	1.7966
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.7885

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	0.83
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.01
Distribution Volumetric Rate	\$/kW	4.8192
Low Voltage Service Rate	\$/kW	0.0367
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	-0.1065
Retail Transmission Rate – Network Service Rate	\$/kW	1.7786
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.7230

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

## microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's micoFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to beinvoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Programs, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge \$ 5.25

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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

EB-2011-0128

\$ /kW (0.60)

(1.00)

## **SPECIFIC SERVICE CHARGES**

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### **Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

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# PowerStream Inc. - South TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

# **RETAIL SERVICE CHARGES (if applicable)**

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer Monthly Fixed Charge, per retailer	\$	100.00 20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charg€
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factor will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0299
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0197
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached, semi detached, townhouse (freehold or condominium) dwelling units duplexes or triplexes. Supply will be limited up to a maximum of 200 amp @ 240/120 volt. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	15.21
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.16
Smart Meter Disposition Rider - effective until April 30, 2012	<u>\$</u>	0.22
Rate Rider for Smart Meter Incremental Revenue Requirement (2011) - in effect until the effective date of the next cost of s	service a\$	1.78
Distribution Volumetric Rate	\$/kWh	0.0136
Low Voltage Service Rate	\$/kWh	0.0008
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kWh	(0.0005)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2011) - Effective Until April 30, 2012	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0055

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification refers to a non-residential account taking electricity at 750 volts or less whose monthly peak demand is less than or expected to be less than 50 kW. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	15.97
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.43
Smart Meter Disposition Rider - effective until April 30, 2012	<u>\$</u>	7.89
Rate Rider for Smart Meter Incremental Revenue Requirement (2011)- in effect until the effective date of the next	cost of service a\$	4.73
Distribution Volumetric Rate	\$/kWh	0.0163
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2011) - Effective Until April 30, 2012	\$/kWh	0.0001
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

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# **PowerStream Inc. - North TARIFF OF RATES AND CHARGES**

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

## GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is expected to be equal to or greater than 50 kW but less than 5000 kW. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	392.23
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	5.38
Distribution Volumetric Rate	\$/kW	1.8233
Low Voltage Service Rate	\$/kW	0.2913
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	(0.0504)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3432
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9363

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

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Schedule 1 Page 14 of 21

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

## **GENERAL SERVICE 50 TO 4,999 KW - TIME OF USE SERVICE CLASSIFICATION**

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is expected to be equal to or greater than 50 kW but less than 5000 kW and who has an electrical service of at least 600 amps at 600/347 volts or 1600 amps at 208/120 volts. If the customer meets these criteria then an interval meter is required. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	392.23
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	5.38
Distribution Volumetric Rate	\$/kW	1.8233
Low Voltage Service Rate	\$/kW	0.2913
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	(0.0504)
Retail Transmission Rate – Network Service Rate	\$/kW	3.1107
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.5704

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than or is expected to be equal to or greater than 5000 kW. Further servicing details are available in the utility's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	9,605.71
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	138.96
Distribution Volumetric Rate	\$/kW	0.5866
Low Voltage Service Rate	\$/kW	0.3886
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	(0.0592)
Retail Transmission Rate – Network Service Rate	\$/kW	3.1192
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.5775

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification refers to a non-residential account taking electricity at 240/120 or 120 volts whose monthly peak demand is less than or expected to be less than 50 kW. As determined by Barrie Hydro Distribution Inc. because of the type of connection or location a meter is not feasible in these situations. A detailed calculation of the load will be calculated for billing purposes. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7.88
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.09
Distribution Volumetric Rate	\$/kWh	0.0160
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kWh	(0.0004)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts concerning roadway lighting for a Municipality, Regional Municipality, and/or the Ministry of Transportation. This lighting will be controlled by photocells. The consumption for these customers will be based on the calculated connected load times as established in the approved OEB Street Lighting Load Shape Template. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	2.99
Rate Rider for Recovery of Late payment Penalty Litigation costs - effective until April 30, 2012	\$	0.01
Distribution Volumetric Rate	\$/kW	11.1976
Low Voltage Service Rate	\$/kW	0.2301
Rate Rider for Tax Change - Effective Until April 30, 2012	\$/kW	(0.3213)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8511
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5295

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2500

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

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EB-2011-0128

## STANDBY POWER - APPROVED ON AN INTERIM BASIS SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the utility's Conditions of Service

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

**MONTHLY RATES AND CHARGES - Delivery Component** 

Distribution Volumetric Rate \$/kW 2.6620

# PowerStream Inc. - North TARIFF OF RATES AND CHARGES Effective Date December 1, 2011

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

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## microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's micoFIT program and connected to the distribuor's distribution system. Further servicing details are available in the distributor's Condition of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, beit under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be notedthat this schedule does not list any charges, assessments, or credits that are required by law to beinvoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Programs, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge \$ 5.25

# PowerStream Inc. - North **TARIFF OF RATES AND CHARGES**

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0128

ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

## **SPECIFIC SERVICE CHARGES**

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

#### **Customer Administration**

Arrears certificate Easement letter Account set up charge/change of occupancy charge (plus credit agency costs if applicable) Returned cheque charge (plus bank charges) Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ \$ \$ \$ \$ \$ \$	15.00 15.00 15.00 15.00 30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	15.00
Disconnect/Reconnect at meter - during regular hours	\$	30.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
Service call - customer-owned equipment	\$	Time & materials
Service Call - Customer-owned Equipment - After Regular Hours	\$	Time & materials

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# PowerStream Inc. - North TARIFF OF RATES AND CHARGES

Effective Date December 1, 2011 Implementation Date December 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

## **RETAIL SERVICE CHARGES (if applicable)**

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factor will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0565
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0462
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

# PowerStream Inc. - North Residential Smart Meter Cost Recovery Model Recovery of Costs to November 30, 2011

# **Rate Rider to Recover Smart Meter Costs**

Revenue Requirement 2006	\$887
Revenue Requirement 2007	\$2,056
Revenue Requirement 2008	\$5,384
Revenue Requirement 2009	\$167,155
Revenue Requirement 2010	\$1,117,265
Revenue Requirement 2011 (to Oct 31/11)	\$1,380,330
_	
Revenue Requirement Total	\$2,673,076
Smart Meter Rate Adder	(\$2,555,220)
Carrying Cost	(\$47,536)
Smart Meter True-up	\$70,321

# 2011 Addition to Rate Base (Smart meters installed up to April 30, 2011)

Fixed Assets	
Smart Meters	\$8,008,156
Computer Software	\$367,954
	\$8,376,110
Accumulated Depreciation	
Smart Meters	(\$916,943)
Computer Software	(\$216,694)
	(\$1,133,637)
Addition to Net Fixed Assets	\$7,242,473
2011 Amortization Expense	
Smart Meters	\$530,223
Computer Software	\$111,434
	\$641,657
	Ψ041,03 <i>1</i>

PowerStream Inc. - North Residential Recovery of Costs to November 30, 2011

## Incremental Revenue Requirement Calculation

i	2006 2007					1	0	2009			2010			2011			2011 Adjusted				
Net Fixed Assets			5,525		2007 \$	12,812		<b>200</b> \$	34,255		\$	946,911		\$	4,773,547			7,474,840	2011		7,474,840
OM&A	\$ -	Ψ	3,323	\$ -	. Ψ	12,012	\$ -	Ψ	34,233	\$6,704	Ψ	340,311	\$311,035	-	4,773,347	\$245,480	Ψ	7,474,040	\$128,252	Ψ	7,474,040
WCA	υ 15%	\$	_	15%	\$	_	15%	\$	_	15%	\$	1,006	15%	\$	46,655	15%	\$	36,822	15%	\$	19,238
Rate Base	1070	\$	5,525	1070	\$	12,812	_ 1070	\$	34,255	1070	\$	947,916	1070	\$	4,820,202	1070	\$	7,511,662	1070		7,494,078
Nate Base		Ψ	0,020		Ψ	12,012		Ψ	04,200		Ψ	047,010		Ψ	4,020,202		Ψ	7,011,002		Ψ	7,404,070
Deemed ST Debt	0%	\$	_	0%	\$	-	4%	\$	1,370	4%	\$	37,917	4%	\$	192,808	4%	\$	300,466	4%	\$	299,763
Deemed LT Debt	60%	\$	3,315	60%	\$	7,687	56%	\$	19,183	56%	\$	530,833	56%	\$	2,699,313	56%	\$	4,206,531	56%	\$	4,196,684
Deemed Equity	40%	\$	2,210	40%	\$	5,125	40%	\$	13,702	40%	\$	379,167	40%	\$	1,928,081	40%	\$	3,004,665	40%	\$	2,997,631
ST Interest	0.00%	\$	_	0.00%	\$	_	4.47%	\$	61	4.47%	\$	1,695	2.07%	\$	3,991	2.43%	\$	7,301	2.43%	\$	7,284
LT Interest	6.16%	\$	204	6.16%	\$	474	6.10%		1,170	6.10%	\$	32,381	5.89%	\$	158,990	5.48%	\$	230,518	5.48%	\$	229,978
ROE	9.00%	\$	199	9.00%	\$	461	8.57%	\$	1.174	8.57%	\$	32,495	9.85%	\$	189,916	9.66%	\$	290,251	9.66%	\$	289,571
		\$	403		\$	935	_	\$	2,406		\$	66,570		\$	352,897		\$	528,070		\$	526,834
OM&A								\$	-		\$	6,704		\$	311,035		\$	245,480		\$	128,252
Amortization		Ф	381		¢	910		\$	2,451		\$	88,384		\$	399,854		\$	641,657		Φ.	641,657
Grossed-up PILs		Φ	103		Ф \$	211		Ф \$	527		Ф \$	5,497		\$	53,479		Ф \$	90,607		φ	90,607
Giosseu-up Fils		Φ	103		Ф	211		φ	521		φ	5,497		Ф	55,479		Ф	90,007		\$	90,007
Revenue Requirem	nent	\$	887	•	\$	2,056	-	\$	5,384		\$	167,155		\$	1,117,265	•	\$	1,505,814		\$	1,387,350

PowerStream Inc. - North Residential Recovery of Costs to November 30, 2011

# **PILs Calculation**

INCOME TAX	2006 Forecasted		2007 Forecasted		2008 Forecasted		2009 Forecasted	F	2010 Forecasted	,	2011 Forecasted
Net Income	\$ 199	\$	461	\$	1,174	\$	32,495	\$	189,916		290,251
Amortization	\$	\$		\$		\$	88,384	\$	399,854		641,657
CCA	(\$457)	Ť	(\$1,055)		(\$2,821)	Ť	(\$118,123)		(\$483,601)	Ť	(\$701,782)
Change in taxable income	\$ 123	\$	316	\$	805	\$	2,755	\$	106,169	\$	230,126
Tax Rate	36.12%		36.12%		33.50%		33.00%		31.00%		28.25%
Income Taxes Payable	\$ 44	\$	114	\$	270	\$	909	\$	32,912	\$	65,011
ONTARIO CAPITAL TAX											
Closing Net Fixed Assets	\$ 11,050	\$	14,575	\$	53,936	\$	1,839,886	\$	7,707,208	\$	7,242,473
Less: Exemption	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
Deemed Taxable Capital	\$ 11,050	\$	14,575	\$	53,936	\$	1,839,886	\$	7,707,208	\$	7,242,473
Ontario Capital Tax Rate	0.300%		0.225%		0.225%		0.225%		0.075%		0.000%
Net Amount (Taxable Capital x Rate)	\$33	•	\$33	•	\$121		\$4,140		\$5,780	•	\$0
							•		•		

#### **Gross Up**

	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in Income Taxes Payable	\$44	\$114	\$270	\$909	\$32,912	\$65,011
Change in OCT	\$33	\$33	\$121	\$4,140	\$5,780	\$0
PIL's	\$77	\$147	\$391	\$5,049	\$38,693	\$65,011
	Gross Up	Gross Up	Gross Up	Gross Up	Gross Up	Gross Up
	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%
	0 111 811	0 111 811	0 111 511	0 111 511	Grossed Up	Grossed Up
	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	PILs	PILs
Change in Income Taxes Payable	69	179	406	1,357	47,699	90,607
Change in OCT	33	33	121	4,140	5,780	0
PIL's	\$103	\$211	\$527	\$5,497	\$53,479	\$90,607

PowerStream Inc. - North Residential Recovery of Costs to November 30, 2011

## **Average Net Fixed Assets**

			2006		2007		2008		2009		2010		2011
Net Fixed Assets - Smart Meters			Actual		Actual		Actual		Actual		Actual		Actual
Opening Capital Investment		\$		\$	11,431	\$	15,866	\$	57,678	\$	1,766,558	\$	7,898,537
Capital Investment		\$	11,431	\$	4,435	\$	41,812	\$	1,708,880	\$	6,131,979	\$	109,619
Closing Capital Investment		\$	11,431	\$	15,866	\$	57,678	\$	1,766,558	\$	7,898,537	\$	8,008,156
Opening Accumulated Amortization		\$		\$	381	\$	1,291	\$	3,742	Ф	64,550	\$	386,720
Amortization Year One	15 years		381	\$	148	\$	1,394	\$		\$	204,399	_	3,654
Amortization Thereafter	15 years		301	Ф \$	762		1,058	Ф \$	3,845		117,771	Ф \$	526,569
Closing Accumulated Amortization		<u>\$</u> \$	381	\$	1,291	\$ \$	3,742	_	64,550	\$	386,720	\$	916,943
Closing Accumulated Amortization		Φ	301	Φ	1,291	Φ	3,742	Φ	64,550	Φ	300,720	Φ	910,943
Opening Net Fixed Assets		\$	-	\$	11,050	\$	14,575	\$	53,936	\$	1,702,008	\$	7,511,817
Closing Net Fixed Assets		\$	11,050	\$	14,575	\$	53,936	\$	1,702,008	\$	7,511,817	\$	7,091,213
Average Net Fixed Assets		\$	5,525	\$	12,812	\$	34,255	\$	877,972	\$	4,606,912	\$	7,301,515
			2006		2007		2008		2009		2010		2011
Net Fixed Assets - Computer Software			Actual		Actual		Actual		Actual		Actual		Actual
·		_	Actual		Actual		Actual		Actual				
Opening Capital Investment		\$	Actual -	\$	Actual -	\$	Actual -	\$	-	\$	165,454	\$	300,651
Opening Capital Investment Capital Investment			-	Ť	-		-	\$	- 165,454	\$	165,454 135,197	\$	300,651 67,303
Opening Capital Investment		\$		\$	Actual -	\$		_	-	_	165,454	_	300,651
Opening Capital Investment Capital Investment		\$	-	\$	-	\$	-	\$	- 165,454	\$	165,454 135,197	\$	300,651 67,303
Opening Capital Investment Capital Investment Closing Capital Investment	3 years	\$	-	\$	-	\$	-	\$	- 165,454	\$	165,454 135,197 300,651	<b>\$</b> \$	300,651 67,303 367,954
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization	3 years	\$ \$ \$ \$	-	\$ \$ \$ \$	-	\$ \$	-	\$	- 165,454 165,454	\$ \$	165,454 135,197 300,651 27,576 22,533	\$ \$ \$	300,651 67,303 367,954
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One	3 years	\$ \$ \$	-	\$ \$	-	\$	-	\$ \$ \$	- 165,454 165,454	\$ \$ \$	165,454 135,197 300,651 27,576 22,533	\$ \$ \$	300,651 67,303 367,954 105,260 11,217
Opening Capital Investment Capital Investment Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization	3 years	\$ \$ \$ \$	-	\$ \$ \$ \$	-	\$ \$ \$	-	\$ \$ \$ \$ \$	- 165,454 165,454 - 27,576 -	\$ \$ \$ \$ \$	165,454 135,197 300,651 27,576 22,533 55,151 105,260	\$ \$ \$ \$ \$	300,651 67,303 367,954 105,260 11,217 100,217 216,694
Opening Capital Investment Capital Investment Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets	3 years	\$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$	- 165,454 165,454 - 27,576 - 27,576	\$ \$ \$ \$ \$	165,454 135,197 300,651 27,576 22,533 55,151 105,260	\$ \$ \$ \$ \$	300,651 67,303 367,954 105,260 11,217 100,217 216,694
Opening Capital Investment Capital Investment Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization	3 years	\$ \$ \$ \$		\$ \$ \$ \$		\$ \$ \$		\$ \$ \$ \$ \$	- 165,454 165,454 - 27,576 -	\$ \$ \$ \$ \$	165,454 135,197 300,651 27,576 22,533 55,151 105,260	\$ \$ \$ \$ \$ \$	300,651 67,303 367,954 105,260 11,217 100,217 216,694
Opening Capital Investment Capital Investment Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets	3 years	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	- 165,454 165,454 - 27,576 - 27,576 - 137,878 68,939	\$ \$ \$ \$ \$ \$	165,454 135,197 300,651 27,576 22,533 55,151 105,260 137,878 195,391 166,635	\$ \$ \$ \$ \$ \$	300,651 67,303 367,954 105,260 11,217 100,217 216,694 195,391 151,260 173,326
Opening Capital Investment Capital Investment Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets  Total closing capital investment	3 years	\$ \$ \$ \$ \$ \$	- - - - - - - 11,431	\$ \$ \$ \$ \$ \$	- - - - - - - - - 15,866	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$	- 165,454 165,454 - 27,576 - 27,576 - 137,878 68,939 1,932,012	\$ \$ \$ \$ \$ \$	165,454 135,197 300,651 27,576 22,533 55,151 105,260 137,878 195,391 166,635	\$ \$ \$ \$ \$ \$	300,651 67,303 367,954 105,260 11,217 100,217 216,694 195,391 151,260 173,326 8,376,110
Opening Capital Investment Capital Investment Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets	3 years	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	- 165,454 165,454 - 27,576 - 27,576 - 137,878 68,939	\$ \$ \$ \$ \$ \$	165,454 135,197 300,651 27,576 22,533 55,151 105,260 137,878 195,391 166,635	\$ \$ \$ \$ \$ \$	300,651 67,303 367,954 105,260 11,217 100,217 216,694 195,391 151,260 173,326

EB-2011-0128
PowerStream Inc.
Smart Meter Cost Recovery - Draft Rate Order
Filed: November 24, 2011
Schedule 2
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## **For PILs Calculation**

UCC		į	2006 Actual		2007 Actual		2008 Actual	2009 Actual	2010 Forecasted			2011 Forecasted
Opening UCC		\$	-	\$	10,974	\$	14,353	\$ 53,345	\$	1,689,602	\$	7,441,134
Capital Additions		\$	11,431	\$	4,435	\$	41,812	\$ 1,708,880	\$	6,131,979	\$	109,619
UCC Before Half Year Rule		\$	11,431	\$	15,409	\$	56,165	\$ 1,762,225	\$	7,821,581	\$	7,550,753
Half Year Rule (1/2 Additions - Disposals)		\$	5,715	\$	2,218	\$	20,906	\$ 854,440	\$	3,065,990	\$	54,810
Reduced UCC		\$	5,715	\$	13,191	\$	35,259	\$ 907,785	\$	4,755,591	\$	7,495,943
CCA Rate Class	47											
CCA Rate	8%											
CCA		\$	457	\$	1,055	\$	2,821	\$ 72,623	\$	380,447	\$	599,675
Closing UCC	·	\$	10,974	\$	14,353	\$	53,345	\$ 1,689,602	\$	7,441,134	\$	6,951,077

UCC		2006 ctual	2007 Actual	2008 Actual	2009 Actual	F	2010 orecasted	Fo	2011 precasted
Opening UCC		\$ -	\$ -	\$ -	\$ -	\$	119,954	\$	151,997
Capital Additions		\$ -	\$ -	\$ -	\$ 165,454	\$	135,197	\$	67,303
UCC Before Half Year Rule		\$ -	\$ -	\$ -	\$ 165,454	\$	255,151	\$	219,300
Half Year Rule (1/2 Additions - Disposals)		\$ -	\$ -	\$ -	\$ 82,727	\$	67,599	\$	33,652
Reduced UCC		\$ -	\$ -	\$ -	\$ 82,727	\$	187,553	\$	185,649
CCA Rate Class	50								
CCA Rate	55%								
CCA		\$ -	\$ -	\$ -	\$ 45,500	\$	103,154	\$	102,107
Closing UCC		\$ -	\$ -	\$ -	\$ 119,954	\$	151,997	\$	117,193
Total CCA		\$ 457	\$ 1,055	\$ 2,821	\$ 118,123	\$	483,601	\$	701,782

Principal on a	Revenue Require	ment less SM /		
Month	Opening Balance	SM Adder	Revenue Requirement	Closing Balance
	l .		•	
May-06 Jun-06	\$0 (\$13,883)	(\$13,994) (\$13,994)	\$111 \$111	(\$13,883) (\$27,766)
Jul-06	(\$27,766)	(\$13,994)	\$111 \$111	(\$27,766) (\$41,649)
Aug-06	(\$41,649)	(\$13,994)	\$111	(\$55,532)
Sep-06	(\$55,532)	(\$13,994)	\$111	(\$69,415)
Oct-06	(\$69,415)	(\$13,994)	\$111	(\$83,298)
Nov-06	(\$83,298)	(\$13,994)	\$111	(\$97,181)
Dec-06		(\$13,994)	\$111	(\$111,064)
Jan-07	(\$111,064)	(\$16,430)	\$171	(\$127,322)
Feb-07	(\$127,322)	(\$16,430)	\$171	(\$143,580)
Mar-07	(\$143,580)	(\$16,430)	\$171	(\$159,838)
Apr-07	(\$159,838)	(\$16,430)	\$171	(\$176,097)
May-07	(\$176,097)	(\$16,430)	\$171	(\$192,355)
Jun-07	(\$192,355)	(\$16,430)	\$171	(\$208,613)
Jul-07	(\$208,613)	(\$16,430)	\$171	(\$224,871)
Aug-07	(\$224,871)	(\$16,430)	\$171	(\$241,129)
Sep-07	(\$241,129)	(\$16,430)	\$171	(\$257,388)
Oct-07	(\$257,388)	(\$16,430)	\$171	(\$273,646)
Nov-07	(\$273,646)	(\$16,430)	\$171	(\$289,904)
Dec-07	(\$289,904)	(\$16,430)	\$171	(\$306,162)
Jan-08	(\$306,162)	(\$16,883)	\$449	(\$322,597)
Feb-08	(\$322,597)	(\$16,883)	\$449	(\$339,031)
Mar-08	(\$339,031)	(\$16,883)	\$449	(\$355,465)
Apr-08	(\$355,465)	(\$16,883)	\$449	(\$371,899)
May-08	·	(\$16,883)	\$449	(\$388,334)
Jun-08	(\$388,334)	(\$16,883)	\$449	(\$404,768)
Jul-08	(\$404,768)	(\$16,883)	\$449	(\$421,202)
Aug-08	(\$421,202)	(\$16,883)	\$449	(\$437,637)
Sep-08	(\$437,637)	(\$16,883)	\$449 \$440	(\$454,071)
Oct-08	(\$454,071)	(\$16,883)	\$449 \$440	(\$470,505)
Nov-08	(\$470,505)	(\$16,883)	\$449 \$440	(\$486,939) (\$503,374)
Dec-08 Jan-09	(\$486,939) (\$502,274)	(\$16,883)	\$449 \$12,020	(\$503,374)
Feb-09	(\$503,374) (\$534,192)	(\$44,748) (\$44,748)	\$13,930 \$13,930	(\$534,192) (\$565,010)
Mar-09	(\$565,010)	(\$44,748)	\$13,930	(\$595,828)
Apr-09	(\$595,828)	(\$44,748)	\$13,930	(\$626,646)
May-09	(\$626,646)	(\$44,748)	\$13,930	(\$657,464)
Jun-09	(\$657,464)	(\$44,748)	\$13,930	(\$688,282)
Jul-09	(\$688,282)	(\$44,748)	\$13,930	(\$719,100)
Aug-09	(\$719,100)	(\$44,748)	\$13,930	(\$749,918)
Sep-09	(\$749,918)	(\$44,748)	\$13,930	(\$780,736)
Oct-09	(\$780,736)	(\$44,748)	\$13,930	(\$811,554)
Nov-09	(\$811,554)	(\$44,748)	\$13,930	(\$842,372)
Dec-09	(\$842,372)	(\$44,748)	\$13,930	(\$873,190)
Jan-10	(\$873,190)	(\$90,997)	\$93,105	(\$871,081)
Feb-10	(\$871,081)	(\$90,997)	\$93,105	(\$868,972)
Mar-10	(\$868,972)	(\$90,997)	\$93,105	(\$866,864)
Apr-10	(\$866,864)	(\$90,997)	\$93,105	(\$864,755)
May-10	(\$864,755)	(\$90,997)	\$93,105	(\$862,647)
Jun-10	(\$862,647)	(\$90,997)	\$93,105	(\$860,538)
Jul-10	(\$860,538)	(\$90,997)	\$93,105	(\$858,430)
Aug-10	(\$858,430)	(\$90,997)	\$93,105	(\$856,321)
Sep-10	(\$856,321)	(\$90,997)	\$93,105	(\$854,213)
Oct-10	(\$854,213)	(\$90,997)	\$93,105	(\$852,104)
Nov-10	(\$852,104)	(\$90,997)	\$93,105	(\$849,996)
Dec-10	(\$849,996)	(\$90,997)	\$93,105	(\$847,887)
Jan-11	(\$847,887)	(\$103,647)	\$125,485	(\$826,049)
Feb-11	(\$826,049)	(\$103,647)	\$125,485	(\$804,211)
Mar-11	(\$804,211)	(\$103,647)	\$125,485	(\$782,373)
Apr-11	(\$782,373)	(\$103,647)	\$125,485	(\$760,535)
May-11	(\$760,535)		\$125,485	(\$635,050)
Jun-11	(\$635,050)		\$125,485 \$125,485	(\$509,566)
Jul-11	(\$509,566)		\$125,485	(\$384,081)
Aug-11	(\$384,081) (\$258,507)		\$125,485 \$125,485	(\$258,597) (\$133,112)
Sep-11	(\$258,597) (\$133,112)		\$125,485 \$125,485	(\$133,112)
Oct-11	(\$133,112)	<b>ው</b>	\$125,485 \$125,485	(\$7,628) \$117.957
Nov-11	(\$7,628)	\$0 (\$2,555,220)	\$125,485 \$2,547,502	\$117,857
Total		(\$2,555,220)	\$2,547,592	
0000		(0444.054)	<b>#007</b>	
2006		(\$111,951) (\$107,155)	\$887 \$2.056	
2007		(\$197,155) (\$202,596)	\$2,056 \$5,384	
2008		(\$202,596) (\$536,971)	\$5,384 \$167,155	
2009 2010		(\$1,091,963)	\$167,155 \$1,117,265	
2010		(\$414,586)	\$1,380,330	
2011		(\$2,555,220)	\$2,673,076	
		(4=,000,220)	Ψ=,010,010	

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# PowerStream Inc. - North Residential Recovery of Costs to November 30, 2011

Interest on a Revenue Requirement less SM Adder Basis

	Opening				
	Principal	_			
Month	Balance	Days	Rate	Interest	To Date
May-06 Jun-06	(\$12.992)	31	4.1400% 4.1400%	\$0 (\$47)	\$0 (\$47)
Jul-06	(\$13,883) (\$27,766)	31	4.1400%	(\$108)	(\$155)
Aug-06	(\$41,649)	31	4.5900%	(\$162)	(\$318)
Sep-06	(\$55,532)	30	4.5900%	(\$209)	(\$527)
Oct-06	(\$69,415)	31	4.5900%	(\$271)	(\$798)
Nov-06	(\$83,298)	30	4.5900%	(\$314)	(\$1,112)
Dec-06	(\$97,181)	31	4.5900%	(\$379)	(\$1,491)
Jan-07	(\$111,064)	31	4.5900%	(\$433)	(\$1,924)
Feb-07 Mar-07	(\$127,322) (\$143,580)	28 31	4.5900% 4.5900%	(\$448)	(\$2,372)
Apr-07	(\$143,380)	30	4.5900%	(\$560) (\$603)	(\$2,932) (\$3,535)
May-07	(\$176,097)	31	4.5900%	(\$686)	(\$4,222)
Jun-07	(\$192,355)	30	4.5900%	(\$726)	(\$4,947)
Jul-07	(\$208,613)	31	4.5900%	(\$813)	(\$5,760)
Aug-07	(\$224,871)	31	4.5900%	(\$877)	(\$6,637)
Sep-07	(\$241,129)	30	4.5900%	(\$910)	(\$7,547)
Oct-07	(\$257,388)	31	5.1400%	(\$1,124)	(\$8,670)
Nov-07 Dec-07	(\$273,646) (\$289,904)	30 31	5.1400% 5.1400%	(\$1,156) (\$1,266)	(\$9,826) (\$11,092)
Jan-08	(\$306,162)	31	5.1400%	(\$1,333)	(\$12,425)
Feb-08	(\$322,597)	29	5.1400%	(\$1,314)	(\$13,739)
Mar-08	(\$339,031)	31	5.1400%	(\$1,476)	(\$15,215)
Apr-08	(\$355,465)	30	4.0800%	(\$1,189)	(\$16,404)
May-08	(\$371,899)	31	4.0800%	(\$1,285)	(\$17,689)
Jun-08	(\$388,334)	30	4.0800%	(\$1,299)	(\$18,987)
Jul-08	(\$404,768)	31	3.3500%	(\$1,149)	(\$20,136)
Aug-08 Sep-08	(\$421,202) (\$437,637)	31	3.3500% 3.3500%	(\$1,195)	(\$21,331) (\$22,533)
Oct-08	(\$454,071)	31	3.3500%	(\$1,202) (\$1,288)	(\$23,821)
Nov-08	(\$470,505)	30	3.3500%	(\$1,292)	(\$25,113)
Dec-08	(\$486,939)	31	3.3500%	(\$1,382)	(\$26,495)
Jan-09	(\$503,374)	31	2.4500%	(\$1,047)	(\$27,542)
Feb-09	(\$534,192)	28	2.4500%	(\$1,004)	(\$28,546)
Mar-09	(\$565,010)	31	2.4500%	(\$1,176)	(\$29,722)
Apr-09	(\$595,828)	30	1.0000%	(\$490)	(\$30,212)
May-09 Jun-09	(\$626,646) (\$657,464)	31	1.0000%	(\$532) (\$540)	(\$30,744) (\$31,284)
Jul-09	(\$688,282)	31	0.5500%	(\$322)	(\$31,606)
Aug-09	(\$719,100)	31	0.5500%	(\$336)	(\$31,942)
Sep-09	(\$749,918)	30	0.5500%	(\$339)	(\$32,281)
Oct-09	(\$780,736)	31	0.5500%	(\$365)	(\$32,645)
Nov-09	(\$811,554)	30	0.5500%	(\$367)	(\$33,012)
Dec-09	(\$842,372)	31	0.5500%	(\$393)	(\$33,406)
Jan-10	(\$873,190)	31	0.5500%	(\$408)	(\$33,814)
Feb-10 Mar-10	(\$871,081) (\$868,972)	28 31	0.5500% 0.5500%	(\$368) (\$406)	(\$34,181) (\$34,587)
Apr-10	(\$866,864)	30	0.5500%	(\$392)	(\$34,979)
May-10	(\$864,755)	31	0.5500%	(\$404)	(\$35,383)
Jun-10	(\$862,647)	30	0.5500%	(\$390)	(\$35,773)
Jul-10	(\$860,538)	31	0.8900%	(\$650)	(\$36,423)
Aug-10	(\$858,430)	31	0.8900%	(\$649)	(\$37,072)
Sep-10	(\$856,321)	30	0.8900%	(\$626)	(\$37,699)
Oct-10	(\$854,213)	31	1.2000%	(\$871)	(\$38,569)
Nov-10	(\$852,104) (\$849,996)	30 31	1.2000% 1.2000%	(\$840)	(\$39,410) (\$40,376)
Dec-10 Jan-11	(\$847,887)	31	1.4700%	(\$866) (\$1,059)	(\$40,276) (\$41,334)
Feb-11	(\$826,049)	28	1.4700%	(\$932)	(\$42,266)
Mar-11	(\$804,211)	31	1.4700%	(\$1,004)	(\$43,270)
Apr-11	(\$782,373)	30	1.4700%	(\$945)	(\$44,215)
May-11	(\$760,535)	31	1.4700%	(\$950)	(\$45,165)
Jun-11	(\$635,050)	30	1.4700%	(\$767)	(\$45,932)
Jul-11	(\$509,566)	31	1.4700%	(\$636)	(\$46,568)
Aug-11	(\$384,081)	31	1.4700%	(\$480)	(\$47,048)
Sep-11 Oct-11	(\$258,597)	30	1.4700% 1.4700%	(\$312)	(\$47,360) (\$47,526)
	(\$133,112)	31	1.4/00%	(\$166)	(\$47,526) (\$47,536)

By year	Interest
2006	(\$1,491)
2007	(\$9,601)
2008	(\$15,403)
2009	(\$6,911)
2010	(\$6,870)
2011	(\$7,260)
Total	(\$47,536)

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### PowerStream Inc. - North GS<50KW Smart Meter Cost Recovery Model Recovery of Costs to November 30, 2011

#### **Rate Rider to Recover Smart Meter Costs**

Revenue Requirement 2006	\$73
Revenue Requirement 2007	\$169
Revenue Requirement 2008	\$443
Revenue Requirement 2009	\$9,287
Revenue Requirement 2010	\$159,147
Revenue Requirement 2011 (to Nov 30/11)	\$312,069
_	
Revenue Requirement Total	\$481,188
Smart Meter Rate Adder	(\$246,202)
Carrying Cost _	(\$2,713)
Smart Meter True-up	\$232,274

### 2011 Addition to Rate Base (Smart meters installed up to April 30, 2011)

Fixed Assets	
Smart Meters	\$2,643,268
Computer Software	\$30,479
	\$2,673,747
Accumulated Depreciation	
Smart Meters	(\$210,896)
Computer Software	(\$17,950)
	(\$228,846)
Addition to Net Fixed Assets	\$2,444,901
2011 Amortization Expense	
Smart Meters	\$146,183
Computer Software	\$9,231
•	
	\$155,413_

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#### Incremental Revenue Requirement Calculation

i		000			2007			2000			2000			2040			204	. 1	2044	A .d :.	
		006			2007			2008			2009			2010			201		2011	_	ısted
Net Fixed Assets		\$	454		\$	1,054		\$	2,818		\$	52,452		\$	897,080		\$	2,069,296			2,069,296
OM&A	\$ -			\$ -	-		\$ -			\$ -			\$ 14,814			\$ 16,632			\$ 10,623		
WCA	15%	\$	-	15%	\$	-	15%	\$	-	15%	\$	-	15%	\$	2,222	15%	\$	2,495	15%	\$	1,593
Rate Base		\$	454		\$	1,054		\$	2,818		\$	52,452		\$	899,302		\$	2,071,791		\$	2,070,890
Deemed ST Debt	0%	\$	_	0%	\$	-	4%	\$	113	4%	\$	2,098	4%	\$	35,972	4%	\$	82,872	4%	\$	82,836
Deemed LT Debt	60%	\$	273	60%	\$	632	56%	\$	1,578	56%	\$	29,373	56%	\$	503,609	56%	\$	1,160,203	56%	\$	1,159,698
Deemed Equity	40%	\$	182	40%	\$	422	40%	\$	1,127	40%	\$	20,981	40%	\$	359,721	40%	\$	828,716	40%	\$	828,356
ST Interest	0.00%	\$	-	0.00%	\$	-	4.47%	\$	5	4.47%	\$	94	2.07%	\$	745	2.43%	\$	2,014	2.43%	\$	2,013
LT Interest	6.16%	\$	17	6.16%	\$	39	6.10%	\$	96	6.10%	\$	1,792	5.89%	\$	29,663	5.48%	\$	63,579	5.48%	\$	63,551
ROE	9.00%	\$	16	9.00%	\$	38	8.57%	\$	97	8.57%	\$	1,798	9.85%	\$	35,432	9.66%	\$	80,054	9.66%	\$	80,019
		\$	33		\$	77		\$	198		\$	3,684		\$	65,840	•	\$	145,647		\$	145,584
							=														
OM&A								\$	-		\$	-		\$	14,814		\$	16,632		\$	10,623
Amortization		\$	31		\$	75		\$	202		\$	5,529		\$	67,595		\$	155,413		\$	155,413
Grossed-up PILs		\$	8		\$	17		\$	43		\$	75		\$	10,897		\$	22,747		\$	22,747
Revenue Requirem	ent	\$	73		\$	169	-	\$	443		\$	9,287		\$	159,147		\$	340,439		\$	334,366

PowerStream Inc. - North GS<50KW Recovery of Costs to November 30, 2011

# **PILs Calculation**

INCOME TAX	2006 Forecasted	2007 Forecasted	2008 Forecasted		2009 Forecasted	F	2010 Forecasted	F	2011 Forecasted
Net Income	\$ 16	\$ 38	\$ 97	\$	1.798	\$	35,432		80,054
Amortization	\$	\$ 75	\$ 202	\$	5,529	\$		\$	155,413
CCA	(\$38)	(\$87)	(\$232)		(\$7,634)		(\$81,600)		(\$177,695)
Change in taxable income	\$ 10	\$ 26	\$ 66	-\$	307	\$	21,428	\$	57,772
Tax Rate	36.12%	36.12%	33.50%		33.00%		31.00%		28.25%
Income Taxes Payable	\$ 4	\$ 9	\$ 22	-\$	101	\$	6,643	\$	16,321
ONTARIO CAPITAL TAX									
Closing Net Fixed Assets	\$ 909	\$ 1,199	\$ 4,436	\$	100,468	\$	1,693,691	\$	2,444,901
Less: Exemption	\$ -	\$ -	\$ -	\$	-	\$	-	\$	-
Deemed Taxable Capital	\$ 909	\$ 1,199	\$ 4,436	\$	100,468	\$	1,693,691	\$	2,444,901
Ontario Capital Tax Rate	0.300%	0.225%	0.225%		0.225%		0.075%		0.000%
Net Amount (Taxable Capital x Rate)	\$3	\$3	\$10		\$226		\$1,270		\$0

#### **Gross Up**

•	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in Income Taxes Payable	\$4	\$9	\$22	(\$101)	\$6,643	\$16,321
Change in OCT	\$3	\$3	\$10	\$226	\$1,270	\$0
PIL's	\$6	\$12 \$		\$125	\$7,913	\$16,321
	Gross Up	Gross Up	Gross Up	Gross Up	Gross Up	Gross Up
	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%
	Crossed Up DII a	Crossed Up DII o	Crossed Up Dillo	Crossed Up DII o	Grossed Up	Grossed Up PILs
	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	PILs	_
Change in Income Taxes Payable	6	15	33	(151)	9,627	22,747
Change in OCT	3	3	10	226	1,270	0
PIL's	\$8	\$17	\$43	\$75	\$10,897	\$22,747

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# **Average Net Fixed Assets**

•			2006		2007		2008		2009		2010		2011
Net Fixed Assets - Smart Meters		1	Actual		Actual		Actual		Actual		Actual		Actual
Opening Capital Investment		\$	-	\$	940	\$	1,305	\$	4,744	\$	92,600	\$	1,742,219
Capital Investment		\$	940	\$	365	\$	3,439	\$	87,856	\$	1,649,619	\$	901,049
Closing Capital Investment		\$	940	\$	1,305	\$	4,744	\$	92,600	\$	1,742,219	\$	2,643,268
Opening Accumulated Amortization		\$	-	\$	31	\$	106	\$	308	\$	3,553	\$	64,713
Amortization Year One	15 years	\$	31	\$	12	\$	115	\$	2,929	\$	54,987	\$	30,035
Amortization Thereafter		\$	-	\$	63	\$	87	\$	316	\$	6,173	\$	116,148
Closing Accumulated Amortization		\$	31	\$	106	\$	308	\$	3,553	\$	64,713	\$	210,896
Opening Net Fixed Assets		\$	-	\$	909	\$	1,199	\$	4,436	\$	89,047	\$	1,677,506
Closing Net Fixed Assets		\$	909	\$	1,199	\$	4,436	\$	89,047	\$	1,677,506	\$	2,432,372
Average Net Fixed Assets		\$	454	\$	1,054	\$	2,818	\$	46,742	\$	883,277	\$	2,054,939
			2006		2007		2008		2009		2010		2011
Net Fixed Assets - Computer Software		,	Actual		Actual		Actual		Actual		Actual		Actual
Net Fixed Assets - Computer Software  Opening Capital Investment		\$	Actual -	\$	Actual -	\$	Actual -	\$	Actual -	\$	Actual 13,705	\$	Actual 24,904
·				\$		\$		\$	Actual - 13,705	\$		\$	
Opening Capital Investment				\$		\$		_	-	_	13,705		24,904
Opening Capital Investment Capital Investment		\$ \$	-	\$	-	\$	-	<b>\$</b> \$	13,705	\$	13,705 11,199	\$	24,904 5,575
Opening Capital Investment Capital Investment Closing Capital Investment	3 years	\$ \$ \$	-	\$ \$	-	\$	-	\$	13,705	\$	13,705 11,199 24,904	\$	24,904 5,575 30,479
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One Amortization Thereafter	3 years	\$ \$ \$ \$	-	\$ \$ \$ \$	-	\$ \$ \$ \$	-	\$ \$ \$ \$	- 13,705 13,705 - 2,284 -	\$ \$ \$ \$	13,705 11,199 24,904 2,284	\$ \$ \$ \$	24,904 5,575 30,479 8,719
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One	3 years	\$ \$ \$	-	\$ \$	-	\$	-	\$ \$ \$	13,705 13,705	\$ \$ \$	13,705 11,199 24,904 2,284 1,867	\$ \$ \$	24,904 5,575 30,479 8,719 929
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One Amortization Thereafter	3 years	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$	- 13,705 13,705 - 2,284 -	\$ \$ \$ \$	13,705 11,199 24,904 2,284 1,867 4,568	\$ \$ \$ \$	24,904 5,575 30,479 8,719 929 8,301
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization Opening Net Fixed Assets Closing Net Fixed Assets	3 years	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$	- 13,705 13,705 - 2,284 - 2,284 - 11,421	\$ \$ \$ \$ \$	13,705 11,199 24,904 2,284 1,867 4,568 8,719 11,421 16,185	\$ \$ \$ \$ \$	24,904 5,575 30,479 8,719 929 8,301 17,950 16,185 12,530
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization Opening Net Fixed Assets	3 years	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$	- 13,705 13,705 - 2,284 - 2,284	\$ \$ \$ \$ \$	13,705 11,199 24,904 2,284 1,867 4,568 8,719 11,421	\$ \$ \$ \$ \$	24,904 5,575 30,479 8,719 929 8,301 17,950 16,185
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets Total closing capital investment	3 years	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - 940	\$ \$ \$ \$ \$ \$	- - - - - - - - - 1,305	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$	- 13,705 13,705 - 2,284 - 2,284 - 11,421 5,710	\$ \$ \$ \$ \$ \$	13,705 11,199 24,904 2,284 1,867 4,568 8,719 11,421 16,185 13,803	\$ \$ \$ \$ \$	24,904 5,575 30,479 8,719 929 8,301 17,950 16,185 12,530 14,357 2,673,747
Opening Capital Investment Capital Investment Closing Capital Investment Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets	3 years	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	- 13,705 13,705 - 2,284 - 2,284 - 11,421 5,710	\$ \$ \$ \$ \$ \$	13,705 11,199 24,904 2,284 1,867 4,568 8,719 11,421 16,185 13,803	\$ \$ \$ \$ \$ \$	24,904 5,575 30,479 8,719 929 8,301 17,950 16,185 12,530 14,357

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## **For PILs Calculation**

UCC	2006 Actual		2007 Actual		2008 Actual		2009 Actual		2010 Forecasted		2011 Forecasted		
Opening UCC		\$	-	\$	903	\$	1,181	\$	4,388	\$	88,378	\$	1,664,942
Capital Additions		\$	940	\$	365	\$	3,439	\$	87,856	\$	1,649,619	\$	901,049
UCC Before Half Year Rule		\$	940	\$	1,267	\$	4,620	\$	92,244	\$	1,737,997	\$	2,565,991
Half Year Rule (1/2 Additions - Disposals)		\$	470	\$	182	\$	1,720	\$	43,928	\$	824,810	\$	450,525
Reduced UCC		\$	470	\$	1,085	\$	2,900	\$	48,316	\$	913,188	\$	2,115,467
CCA Rate Class	47												
CCA Rate	8%												
CCA		\$	38	\$	87	\$	232	\$	3,865	\$	73,055	\$	169,237
Closing UCC		\$	903	\$	1,181	\$	4,388	\$	88,378	\$	1,664,942	\$	2,396,754

			2007 Actual		2008 Actual		2009 Actual	F	2010 orecasted	Fo	2011 precasted
	\$ -	\$	-	\$	-	\$	-	\$	9,936	\$	12,591
	\$ -	\$	-	\$	-	\$	13,705	\$	11,199	\$	5,575
	\$ -	\$	-	\$	-	\$	13,705	\$	21,135	\$	18,166
	\$ -	\$	-	\$	-	\$	6,853	\$	5,600	\$	2,788
	\$ -	\$	-	\$	-	\$	6,853	\$	15,536	\$	15,378
50											
55%											
	\$ -	\$	-	\$	-	\$	3,769	\$	8,545	\$	8,458
	\$ -	\$	-	\$	-	\$	9,936	\$	12,591	\$	9,708
	\$ 38	\$	87	\$	232	\$	7 634	\$	81 600	\$	177,695
	\$ \$ \$ \$ \$ \$ \$ \$	\$ - \$ - \$ - 50 55% \$ - \$ -	Actual  \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	Actual Actual  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Actual Actual  \$ - \$ - \$	Actual Actual Actual  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Actual Actual Actual  \$ - \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ -	Actual Actual Actual Actual  \$ - \$ - \$ - \$ - \$ - \$ 13,705  \$ - \$ - \$ - \$ 13,705  \$ - \$ - \$ - \$ 6,853  \$ - \$ - \$ - \$ 6,853  \$ - \$ - \$ - \$ 6,853  \$ 50  55%  \$ - \$ - \$ - \$ - \$ 3,769  \$ - \$ - \$ - \$ 9,936	Actual Actual Actual F  \$ - \$ - \$ - \$ - \$ \$ - \$ 13,705 \$ \$ - \$ - \$ - \$ 13,705 \$ \$ - \$ - \$ - \$ 6,853 \$  \$ - \$ - \$ - \$ - \$ 6,853 \$  50 55%  \$ - \$ - \$ - \$ - \$ 3,769 \$ \$ - \$ - \$ - \$ 9,936 \$	Actual         Actual         Actual         Actual         Forecasted           \$ -         \$ -         \$ -         \$ 9,936           \$ -         \$ -         \$ 13,705         \$ 11,199           \$ -         \$ -         \$ 13,705         \$ 21,135           \$ -         \$ -         \$ 6,853         \$ 5,600           \$ -         \$ -         \$ 6,853         \$ 15,536           50         \$ -         \$ -         \$ 3,769         \$ 8,545           \$ -         \$ -         \$ -         \$ 9,936         \$ 12,591	Actual         Actual         Actual         Actual         Forecasted         Forecasted           \$ - \$ - \$ - \$ - \$ - \$ 9,936 \$           \$ - \$ - \$ - \$ 13,705 \$ 11,199 \$           \$ - \$ - \$ - \$ 13,705 \$ 21,135 \$           \$ - \$ - \$ - \$ 6,853 \$ 5,600 \$           \$ - \$ - \$ - \$ 6,853 \$ 15,536 \$           50           55%           \$ - \$ - \$ - \$ 9,936 \$ 12,591 \$

Principal on a Revenue Requirement less SM Adder Basis

Principal on a	Revenue Require	ment less SM	Adder Basis	Olerate D. 1
	Ononina		Bayanua	Closing Balance
Month	Opening Balance	SM Adder	Revenue Requirement	(excluding Stranded)
May-06	\$0	(\$1,333)	\$9	(\$1,323)
Jun-06	(\$1,323)	(\$1,333)	\$9 \$9	(\$2,647)
Jul-06	(\$2,647)	(\$1,333)	\$9	(\$3,970)
Aug-06	(\$3,970)	(\$1,333)	\$9	(\$5,294)
Sep-06	(\$5,294)	(\$1,333)	\$9	(\$6,617)
Oct-06	(\$6,617)	(\$1,333)	\$9	(\$7,941)
Nov-06	(\$7,941)	(\$1,333)	\$9	(\$9,264)
Dec-06	(\$9,264)	(\$1,333)	\$9 *4.4	(\$10,588)
Jan-07 Feb-07	(\$10,588) (\$12,149)	(\$1,575) (\$1,575)	\$14 \$14	(\$12,149) (\$13,710)
Mar-07	(\$13,710)	(\$1,575)	\$14	(\$15,271)
Apr-07	(\$15,271)	(\$1,575)	\$14	(\$16,833)
May-07	(\$16,833)	(\$1,575)	\$14	(\$18,394)
Jun-07	(\$18,394)	(\$1,575)	\$14	(\$19,955)
Jul-07	(\$19,955)	(\$1,575)	\$14	(\$21,517)
Aug-07	(\$21,517)	(\$1,575)	\$14	(\$23,078)
Sep-07 Oct-07	(\$23,078) (\$24,639)	(\$1,575) (\$1,575)	\$14 \$14	(\$24,639) (\$26,200)
Nov-07	(\$26,200)	(\$1,575)	\$14	(\$20,200)
Dec-07	(\$27,762)	(\$1,575)	\$14	(\$29,323)
Jan-08	(\$29,323)	(\$1,617)	\$37	(\$30,903)
Feb-08	(\$30,903)	(\$1,617)	\$37	(\$32,484)
Mar-08	(\$32,484)	(\$1,617)	\$37	(\$34,064)
Apr-08	(\$34,064)	(\$1,617)	\$37	(\$35,645)
May-08	(\$35,645)	(\$1,617)	\$37	(\$37,225)
Jun-08 Jul-08	(\$37,225) (\$38,805)	(\$1,617) (\$1,617)	\$37 \$37	(\$38,805) (\$40,386)
Aug-08	(\$40,386)	(\$1,617)	\$37 \$37	(\$41,966)
Sep-08	(\$41,966)	(\$1,617)	\$37	(\$43,546)
Oct-08	(\$43,546)	(\$1,617)	\$37	(\$45,127)
Nov-08	(\$45,127)	(\$1,617)	\$37	(\$46,707)
Dec-08	(\$46,707)	(\$1,617)	\$37	(\$48,288)
Jan-09	(\$48,288)	(\$4,302)	\$774	(\$51,815)
Feb-09 Mar-09	(\$51,815) (\$55,343)	(\$4,302) (\$4,302)	\$774 \$774	(\$55,343) (\$58,870)
Apr-09	(\$58,870)	(\$4,302)	\$774 \$774	(\$62,398)
May-09	(\$62,398)	(\$4,302)	\$774	(\$65,926)
Jun-09	(\$65,926)	(\$4,302)	\$774	(\$69,453)
Jul-09	(\$69,453)	(\$4,302)	\$774	(\$72,981)
Aug-09	(\$72,981)	(\$4,302)	\$774	(\$76,508)
Sep-09	(\$76,508)	(\$4,302)	\$774	(\$80,036)
Oct-09 Nov-09	(\$80,036) (\$83,564)	(\$4,302) (\$4,302)	\$774 \$774	(\$83,564) (\$87,091)
Dec-09	(\$87,091)	(\$4,302)	\$774	(\$90,619)
Jan-10	(\$90,619)	(\$8,802)	\$13,262	(\$86,158)
Feb-10	(\$86,158)	(\$8,802)	\$13,262	(\$81,697)
Mar-10	(\$81,697)	(\$8,802)	\$13,262	(\$77,237)
Apr-10	(\$77,237)	(\$8,802)	\$13,262	(\$72,776)
May-10	(\$72,776)	(\$8,802)	\$13,262	(\$68,315)
Jun-10 Jul-10	(\$68,315) (\$63,855)	(\$8,802) (\$8,802)	\$13,262 \$13,262	(\$63,855) (\$59,394)
Aug-10	(\$59,394)	(\$8,802)	\$13,262	(\$54,933)
Sep-10	(\$54,933)	(\$8,802)	\$13,262	(\$50,473)
Oct-10	(\$50,473)	(\$8,802)	\$13,262	(\$46,012)
Nov-10	(\$46,012)	(\$8,802)	\$13,262	(\$41,551)
Dec-10	(\$41,551)	(\$8,802)	\$13,262	(\$37,091)
Jan-11	(\$37,091)	(\$9,998)	\$28,370	(\$18,719)
Feb-11	(\$18,719) (\$347)	(\$9,998)	\$28,370	(\$347)
Mar-11 Apr-11	\$18,025	(\$9,998) (\$9,998)	\$28,370 \$28,370	\$18,025 \$36,397
May-11	\$36,397	(ψυ,σσυ)	\$28,370	\$64,767
Jun-11	\$64,767		\$28,370	\$93,137
Jul-11	\$93,137		\$28,370	\$121,507
Aug-11	\$121,507		\$28,370	\$149,877
Sep-11	\$149,877 \$470,047		\$28,370	\$178,247
Oct-11	\$178,247 \$206,616		\$28,370 \$28,370	\$206,616 \$234,086
Nov-11 Total	\$206,616	(\$246,202)	\$28,370 \$481,188	\$234,986
Total	i	(ΨΖ-τΟ,ΖΟΖ)	ψτο 1, 100	
2006		(\$10,661)	\$73	
2007		(\$18,905)	\$169	
2008		(\$19,408)	\$443	
2009		(\$51,619)	\$9,287	
2010 2011		(\$105,619) (\$39,992)	\$159,147 \$312,069	
2011		(\$246,202)	\$481,188	
	·	(72.0,202)	ψ.01,100	

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Interest on a Revenue Requirement less SM Adder Basis

Interest on a	Opening Balance	uncinc	III IC33 OM A	ader Basis	
	(excluding				
Month	Stranded)	Days	Rate	Interest	To Date
May-06 Jun-06	\$0 (\$1,333)	31 30	4.1400% 4.1400%	\$0 (\$5)	\$0 (\$5)
Jul-06 Jul-06	(\$1,323) (\$2,647)	31	4.1400%	(\$5) (\$10)	(\$5) (\$15)
Aug-06	(\$3,970)	31	4.5900%	(\$15)	(\$30)
Sep-06	(\$5,294)	30	4.5900%	(\$20)	(\$50)
Oct-06	(\$6,617)	31	4.5900%	(\$26)	(\$76)
Nov-06 Dec-06	(\$7,941) (\$9,264)	30 31	4.5900% 4.5900%	(\$30) (\$36)	(\$106) (\$142)
Jan-07	(\$10,588)	31	4.5900%	(\$41)	(\$183)
Feb-07	(\$12,149)	28	4.5900%	(\$43)	(\$226)
Mar-07	(\$13,710)	31	4.5900%	(\$53)	(\$280)
Apr-07	(\$15,271)	30 31	4.5900% 4.5900%	(\$58)	(\$337) (\$403)
May-07 Jun-07	(\$16,833) (\$18,394)	30	4.5900%	(\$66) (\$69)	(\$403) (\$472)
Jul-07	(\$19,955)	31	4.5900%	(\$78)	(\$550)
Aug-07	(\$21,517)	31	4.5900%	(\$84)	(\$634)
Sep-07	(\$23,078)	30	4.5900%	(\$87)	(\$721)
Oct-07 Nov-07	(\$24,639)	31 30	5.1400% 5.1400%	(\$108) (\$111)	(\$829) (\$939)
Dec-07	(\$26,200) (\$27,762)	31	5.1400%	(\$111)	(\$1,060)
Jan-08	(\$29,323)	31	5.1400%	(\$128)	(\$1,188)
Feb-08	(\$30,903)	29	5.1400%	(\$126)	(\$1,314)
Mar-08	(\$32,484)	31	5.1400%	(\$141)	(\$1,455)
Apr-08 May-08	(\$34,064) (\$35,645)	30 31	4.0800% 4.0800%	(\$114) (\$123)	(\$1,569) (\$1,692)
Jun-08	(\$37,225)	30	4.0800%	(\$124)	(\$1,817)
Jul-08	(\$38,805)	31	3.3500%	(\$110)	(\$1,927)
Aug-08	(\$40,386)	31	3.3500%	(\$115)	(\$2,042)
Sep-08	(\$41,966)	30	3.3500%	(\$115)	(\$2,157)
Oct-08 Nov-08	(\$43,546) (\$45,127)	31 30	3.3500% 3.3500%	(\$124) (\$124)	(\$2,280) (\$2,404)
Dec-08	(\$46,707)	31	3.3500%	(\$133)	(\$2,537)
Jan-09	(\$48,288)	31	2.4500%	(\$100)	(\$2,637)
Feb-09	(\$51,815)	28	2.4500%	(\$97)	(\$2,735)
Mar-09	(\$55,343)	31	2.4500%	(\$115)	(\$2,850)
Apr-09 May-09	(\$58,870) (\$62,398)	30 31	1.0000% 1.0000%	(\$48) (\$53)	(\$2,898) (\$2,951)
Jun-09	(\$65,926)	30	1.0000%	(\$54)	(\$3,005)
Jul-09	(\$69,453)	31	0.5500%	(\$32)	(\$3,038)
Aug-09	(\$72,981)	31	0.5500%	(\$34)	(\$3,072)
Sep-09 Oct-09	(\$76,508) (\$80,036)	30 31	0.5500% 0.5500%	(\$35) (\$37)	(\$3,107) (\$3,144)
Nov-09	(\$83,564)	30	0.5500%	(\$38)	(\$3,182)
Dec-09	(\$87,091)	31	0.5500%	(\$41)	(\$3,222)
Jan-10	(\$90,619)	31	0.5500%	(\$42)	(\$3,265)
Feb-10	(\$86,158)	28	0.5500%	(\$36)	(\$3,301)
Mar-10 Apr-10	(\$81,697) (\$77,237)	31 30	0.5500% 0.5500%	(\$38) (\$35)	(\$3,339) (\$3,374)
May-10	(\$72,776)	31	0.5500%	(\$34)	(\$3,408)
Jun-10	(\$68,315)	30	0.5500%	(\$31)	(\$3,439)
Jul-10	(\$63,855)	31	0.8900%	(\$48)	(\$3,487)
Aug-10	(\$59,394)	31	0.8900%	(\$45)	(\$3,532)
Sep-10 Oct-10	(\$54,933) (\$50,473)	30 31	0.8900% 1.2000%	(\$40) (\$51)	(\$3,572) (\$3,624)
Nov-10	(\$46,012)	30	1.2000%	(\$45)	(\$3,669)
Dec-10	(\$41,551)	31	1.2000%	(\$42)	(\$3,712)
Jan-11	(\$37,091)	31	1.4700%	(\$46)	(\$3,758)
Feb-11	(\$18,719) (\$347)	28 31	1.4700%	(\$21)	(\$3,779) (\$3,779)
Mar-11 Apr-11	(\$347) \$18,025	31 30	1.4700% 1.4700%	(\$0) \$22	(\$3,779) (\$3,758)
May-11	\$36,397	31	1.4700%	\$45	(\$3,712)
Jun-11	\$64,767	30	1.4700%	\$78	(\$3,634)
Jul-11	\$93,137	31	1.4700%	\$116	(\$3,518)
Aug-11	\$121,507 \$140,877	31	1.4700%	\$152 \$181	(\$3,366) (\$3,185)
Sep-11 Oct-11	\$149,877 \$178,247	30 31	1.4700% 1.4700%	\$181 \$223	(\$3,185) (\$2,962)
Nov-11	\$206,616	30	1.4700%	\$250	(\$2,713)

By Year	Interest
2006	(\$142)
2007	(\$918)
2008	(\$1,476)
2009	(\$686)
2010	(\$489)
2011	\$999
Total	(\$2,713)

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PowerStream Inc. - South Residential Smart Meter Cost Recovery Model Recovery of Costs to November 30, 2011

#### **Rate Rider to Recover Smart Meter Costs**

Smart Meter True-up	(\$3,550,853)
Carrying Cost	(\$67,099)
Smart Meter Rate Adder	(\$4,231,549)
Revenue Requirement Total	\$747,794
Revenue Requirement 2011	\$419,911
Revenue Requirement 2010	\$327,883

#### **2011 Addition to Rate Base** (Smart Meters installed in 2010 and up to April 30, 2011)

<u>Fixed Assets</u>	
Smart Meters	\$1,522,170
Computer Software	\$580,470
	\$2,102,640
Accumulated Depreciation	
Smart Meters	(\$126,556)
Computer Software	(\$270,886)
	(\$397,442)
Addition to Net Fixed Assets	\$1,705,198
2011 Amortization Expense	
Smart Meters	\$88,647
Computer Software	\$183,816
	\$272,463

#### **Incremental Revenue Requirement Calculation**

	2	2010			2	011			2011 A	djus	sted	Notes
Net Fixed Assets		\$	767,347			\$	1,619,946			\$	1,619,946	
OM&A	\$ 158,983			\$	67,705			\$	153			
Working Capital Allowance	15%	\$	23,847	_	15%	\$	10,156	_	15%	\$	23	_
Rate Base		\$	791,195			\$	1,630,102	-		\$	1,619,969	_
Deemed ST Debt	4%	\$	31,648		4%	\$	65,204		4%	\$	64,799	
Deemed LT Debt	56%	\$	443,069		56%	\$	912,857		56%	\$	907,183	
Deemed Equity	40%	\$	316,478		40%	\$	652,041		40%	\$	647,988	
ST Interest	2.07%	\$	655		2.43%	\$	1,584		2.43%	\$	1,575	
LT Interest	5.89%	\$	26,097		5.48%	\$	50,025		5.48%	\$	49,714	
ROE	9.85%	\$	31,173		9.66%	\$	62,987		9.66%	\$	62,596	_
		\$	57,925	_		\$	114,596			\$	113,884	_
OM&A		\$	158,983			\$	67,705				153	
Amortization		\$	124,979			\$	272,463			\$	272,463	
Grossed-up PILs		-\$	14,004			\$	3,320			\$	3,320	
Revenue Requirement		\$	327,883	-		\$	458,084	•		\$	389,820	- -

#### **PILs Calculation**

	2010		2011			
Forecasted			Forecasted			
\$	31,173	\$	62,987			
\$	124,979	\$	272,463			
-\$	189,156	-\$	327,017			
-\$	33,004	\$	8,433			
	31.00%		28.25%			
-\$	10,231	\$	2,382			
\$	1,099,342	\$	1,395,614			
\$	-	\$	-			
\$	1,099,342	\$	1,395,614			
	0.075%		0.000%			
\$	825	\$	-			
	\$ -\$ -\$ -\$ \$ \$	Forecasted \$ 31,173 \$ 124,979 -\$ 189,156 -\$ 33,004 31.00% -\$ 10,231  \$ 1,099,342 \$ - \$ 1,099,342 0.075%	Forecasted  \$ 31,173 \$ \$ 124,979 \$ -\$ 189,156 -\$ -\$ 33,004 \$ 31.00% -\$ 10,231 \$  \$ 1,099,342 \$ \$ - \$ \$ 1,099,342 \$ 0.075%			

#### **Gross Up**

	F	PILs Payable	I	PILs Payable
Change in Income Taxes Payable	-\$	10,231	\$	2,382
Change in OCT	\$	825	\$	
PIL's	-\$	9,407	\$	2,382
		Gross Up		Gross Up
		31.00%		28.25%
	Gro	ossed Up PILs	Gr	ossed Up PILs
Change in Income Taxes Payable	-\$	14,828	\$	3,320
Change in OCT	\$	825	\$	
PIL's	-\$	14,004	\$	3,320

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#### **Average Net Fixed Assets**

Net Fixed Assets - meters			Actual		Actual		Actual
Opening Capital Investment		\$	-	\$	-	\$	1,137,250
Capital Investment				\$	1,137,250	\$	384,920
Closing Capital Investment		\$	-	\$	1,137,250	\$	1,522,170
Opening Accumulated Amortization		\$		\$	-	\$	37,908
Amortization Year One	15 years	\$	-	\$	37,908	\$	12,831
Amortization Thereafter		\$	-	\$	-	\$	75,817
Closing Accumulated Amortization		\$	-	\$	37,908	\$	126,556
Opening Net Fixed Assets		\$	-	\$	-	\$	1,099,342
Closing Net Fixed Assets		\$	-	\$	1,099,342	\$	1,395,614
Average Net Fixed Assets		\$	-	\$	549,671	\$	1,247,478
Net Fixed Assets - software			2009 Actual		2010 Actual		2011 Actual
Opening Capital Investment		\$	-	\$	-	\$	522,423
Capital Investment				\$	522,423	\$	58,047
Capital Investment Closing Capital Investment		\$	-	<b>\$</b>	<b>522,423</b> 522,423	<b>\$</b>	58,047 580,470
•		\$	-				
Closing Capital Investment	3 years			\$	522,423	\$	580,470
Closing Capital Investment  Opening Accumulated Amortization	3 years	\$	-	\$	522,423 -	\$	580,470 87,071
Closing Capital Investment  Opening Accumulated Amortization  Amortization Year One	3 years	\$	-	\$ \$ \$	522,423 -	\$ \$ \$	580,470 87,071 9,675
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization	3 years	\$ \$ \$	-	\$ \$ \$ \$	522,423 - 87,071 -	\$ \$ \$ \$	87,071 9,675 174,141 270,886
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets	3 years	\$ \$ \$ \$	-	\$ \$ \$ \$	522,423 - 87,071 - 87,071	\$ \$ \$ \$ \$	580,470 87,071 9,675 174,141 270,886 435,353
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets	3 years	\$ \$ \$ \$	-	\$ \$ \$ \$ \$	522,423 - 87,071 - 87,071 - 435,353	\$ \$ \$ \$ \$	87,071 9,675 174,141 270,886 435,353 309,584
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets	3 years	\$ \$ \$ \$		\$ \$ \$ \$	522,423 - 87,071 - 87,071	\$ \$ \$ \$ \$	580,470 87,071 9,675 174,141 270,886 435,353
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets	3 years	\$ \$ \$ \$		\$ \$ \$ \$ \$	522,423 - 87,071 - 87,071 - 435,353	\$ \$ \$ \$ \$	87,071 9,675 174,141 270,886 435,353 309,584
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets  Totals	3 years	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$	522,423 - 87,071 - 87,071 - 435,353 217,676	\$ \$ \$ \$ \$	87,071 9,675 174,141 270,886 435,353 309,584 372,468
Closing Capital Investment  Opening Accumulated Amortization Amortization Year One Amortization Thereafter Closing Accumulated Amortization  Opening Net Fixed Assets Closing Net Fixed Assets Average Net Fixed Assets	3 years	\$ \$ \$ \$		\$ \$ \$ \$ \$ \$	522,423 - 87,071 - 87,071 - 435,353	\$ \$ \$ \$ \$	87,071 9,675 174,141 270,886 435,353 309,584

2009

2011

2010

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## PowerStream Inc. - South Residential Smart Meter Cost Recovery Model For PILs Calculation

UCC		2009		2010		2011
		A	ctual		Actual	Actual
Opening UCC		\$	-	\$	-	\$ 1,091,760
Capital Additions		\$	-	\$	1,137,250	\$ 384,920
UCC Before Half Year Rule		\$	-	\$	1,137,250	\$ 1,476,680
Half Year Rule (1/2 Additions - Disposals)		\$	-	\$	568,625	\$ 192,460
Reduced UCC		\$	-	\$	568,625	\$ 1,284,220
CCA Rate Class	47					
CCA Rate	8%					
CCA		\$	-	\$	45,490	\$ 102,738
Closing UCC		\$	-	\$	1,091,760	\$ 1,373,942

UCC		009 ctual	2010 Actual	2011 Actual
Opening UCC		\$ _	\$ _	\$ 378,757
Capital Additions		\$ -	\$ 522,423	\$ 58,047
UCC Before Half Year Rule		\$ -	\$ 522,423	\$ 436,804
Half Year Rule (1/2 Additions - Disposals)		\$ -	\$ 261,212	\$ 29,024
Reduced UCC		\$ -	\$ 261,212	\$ 407,780
CCA Rate Class	50			
CCA Rate	55%			
CCA		\$ -	\$ 143,666	\$ 224,279
Closing UCC		\$ -	\$ 378,757	\$ 212,525
Total CCA		\$ -	\$ 189,156	\$ 327,017

Meters installed cost details: Residential EB-2011-0128
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# PowerStream Inc. - South Residential Smart Meter Cost Recovery Model

Principal on a Revenue Requirment less SM Adder Basis

	Opening		Revenue	Closing
Month	Balance	SM Adder	Requirement	Balance
Jan-10	\$0	(\$352,629)	\$27,324	(\$325,305)
Feb-10	(\$325,305)	(\$352,629)	\$27,324	(\$650,611)
Mar-10		(\$352,629)	\$27,324	(\$975,916)
Apr-10	(\$975,916)	(\$352,629)	\$27,324	(\$1,301,222)
May-10		(\$352,629)	\$27,324	(\$1,626,527)
Jun-10		(\$352,629)	\$27,324	(\$1,951,833)
Jul-10	(\$1,951,833)	(\$352,629)	\$27,324	(\$2,277,138)
Aug-10	(\$2,277,138)	(\$352,629)	\$27,324	(\$2,602,444)
Sep-10	(\$2,602,444)	(\$352,629)	\$27,324	(\$2,927,749)
Oct-10	(\$2,927,749)	(\$352,629)	\$27,324	(\$3,253,054)
Nov-10	(\$3,253,054)	(\$352,629)	\$27,324	(\$3,578,360)
Dec-10	(\$3,578,360)	(\$352,629)	\$27,324	(\$3,903,665)
Jan-11	(\$3,903,665)	\$0	\$38,174	(\$3,865,492)
Feb-11	(\$3,865,492)	\$0	\$38,174	(\$3,827,318)
Mar-11	(\$3,827,318)	\$0	\$38,174	(\$3,789,144)
Apr-11	(\$3,789,144)	\$0	\$38,174	(\$3,750,970)
May-11	(\$3,750,970)	\$0	\$38,174	(\$3,712,797)
Jun-11	(\$3,712,797)	\$0	\$38,174	(\$3,674,623)
Jul-11	(\$3,674,623)	\$0	\$38,174	(\$3,636,449)
Aug-11	(\$3,636,449)	\$0	\$38,174	(\$3,598,276)
Sep-11	(\$3,598,276)	\$0	\$38,174	(\$3,560,102)
Oct-11	(\$3,560,102)	\$0	\$38,174	(\$3,521,928)
Nov-11	(\$3,521,928)	\$0	\$38,174	(\$3,483,755)
Dec-11	(\$3,483,755)	\$0		(\$3,483,755)
Jan-12	(\$3,483,755)	\$0		(\$3,483,755)
Feb-12	(\$3,483,755)	\$0		(\$3,483,755)
Mar-12	(\$3,483,755)	\$0		(\$3,483,755)
Apr-12	(\$3,483,755)	\$0		(\$3,483,755)
May-12	(\$3,483,755)	\$0		(\$3,483,755)
Jun-12	(\$3,483,755)	\$0		(\$3,483,755)
Jul-12	(\$3,483,755)	\$0		(\$3,483,755)
Aug-12	(\$3,483,755)	\$0		(\$3,483,755)
Sep-12	(\$3,483,755)	\$0		(\$3,483,755)
Oct-12	(\$3,483,755)	\$0		(\$3,483,755)
Total		(\$4,231,549)	\$747,794	(\$3,483,755)
		<u></u>	<b></b>	_
2010		(\$4,231,549)	\$327,883	
2011		\$0	\$419,911	
	,	(\$4,231,549)	\$747,794	

Note: Princpal excludes stranded meter costs.

### Interest on a Revenue Requirment less SM Adder Basis

	Opening				
Month	Balance	Days	Rate	Interest	To Date
Jan-10	\$0	31	0.5500%	\$0	\$0
Feb-10	(\$325,305)	28	0.5500%	(\$137)	(\$137)
Mar-10	(\$650,611)	31	0.5500%	(\$304)	(\$441)
Apr-10	(\$975,916)	30	0.5500%	(\$441)	(\$882)
May-10	(\$1,301,222)	31	0.5500%	(\$608)	(\$1,490)
Jun-10	(\$1,626,527)	30	0.5500%	(\$735)	(\$2,225)
Jul-10	(\$1,951,833)	31	0.8900%	(\$1,475)	(\$3,701)
Aug-10	(\$2,277,138)	31	0.8900%	(\$1,721)	(\$5,422)
Sep-10	(\$2,602,444)	30	0.8900%	(\$1,904)	(\$7,326)
Oct-10	(\$2,927,749)	31	1.2000%	(\$2,984)	(\$10,310)
Nov-10	(\$3,253,054)	30	1.2000%	(\$3,208)	(\$13,518)
Dec-10	(\$3,578,360)	31	1.2000%	(\$3,647)	(\$17,165)
Jan-11	(\$3,903,665)	31	1.4700%	(\$4,874)	(\$22,039)
Feb-11	(\$3,865,492)	28	1.4700%	(\$4,359)	(\$26,398)
Mar-11	(\$3,827,318)	31	1.4700%	(\$4,778)	(\$31,176)
Apr-11	(\$3,789,144)	30	1.4700%	(\$4,578)	(\$35,754)
May-11	(\$3,750,970)	31	1.4700%	(\$4,683)	(\$40,437)
Jun-11	(\$3,712,797)	30	1.4700%	(\$4,486)	(\$44,923)
Jul-11	(\$3,674,623)	31	1.4700%	(\$4,588)	(\$49,511)
Aug-11	(\$3,636,449)	31	1.4700%	(\$4,540)	(\$54,051)
Sep-11	(\$3,598,276)	30	1.4700%	(\$4,348)	(\$58,399)
Oct-11	(\$3,560,102)	31	1.4700%	(\$4,445)	(\$62,843)
Nov-11	(\$3,521,928)	30	1.4700%	(\$4,255)	(\$67,099)

2010 (\$17,165) 2011 (\$49,933) Total (\$67,099)

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### PowerStream Inc. - South GS<50kW Smart Meter Cost Recovery Model Recovery of Costs to November 30, 2011

#### **Rate Rider to Recover Smart Meter Costs**

Revenue Requirement 2010	\$727,157
Revenue Requirement 2011	\$1,075,661
Revenue Requirement Total	\$1,802,818
Smart Meter Rate Adder	(\$487,013)
Carrying Cost	\$10,887
Smart Meter True-up	\$1,326,692

#### 2011 Addition to Rate Base (Smart Meters installed in 2010 and up to April 30, 2011)

<u>Fixed Assets</u>	
Smart Meters	\$9,075,513
Computer Software	\$54,083
	\$9,129,596
Accumulated Depreciation	
Smart Meters	(\$590,175)
Computer Software	(\$25,239)
	(\$615,414)
Addition to Net Fixed Assets	\$8,514,182
Addition to Net Fixed Assets	\$8,514,182
Addition to Net Fixed Assets  2011 Amortization Expense	\$8,514,182
	\$8,514,182 \$446,346
2011 Amortization Expense	
2011 Amortization Expense Smart Meters	\$446,346

#### **Incremental Revenue Requirement Calculation**

	2	2010 2011						2011 2011 Adjust				2011 2011 Adjusted				
Net Fixed Assets		\$	2,105,804			\$	6,362,895			\$	6,362,895					
OM&A	\$ 390,607			\$	194,562			\$	475							
Working Capital Allowance	15%	\$	58,591	_	15%	\$	29,184	_	15%	\$	71	_				
Rate Base		\$	2,164,395			\$	6,392,079			\$	6,362,966					
Deemed ST Debt	4%	\$	86,576		4%	\$	255,683		4%	\$	254,519					
Deemed LT Debt	56%	\$	1,212,061		56%	\$	3,579,564		56%	\$	3,563,261					
Deemed Equity	40%	\$	865,758		40%	\$	2,556,832		40%	\$	2,545,186					
ST Interest	2.07%	\$	1,792		2.43%	\$	6,213		2.43%	\$	6,185					
LT Interest	5.89%	\$	71,390		5.48%	\$	196,160		5.48%	\$	195,267					
ROE	9.85%	\$	85,277		9.66%	\$	246,990		9.66%	\$	245,865	_				
		\$	158,460	_		\$	449,363	-		\$	447,316	_				
OM&A		\$	390,607			\$	194,562				475					
Amortization		\$	151,942			\$	463,473			\$	463,473					
Grossed-up PILs		\$	26,148			\$	66,051			\$	66,051					
Revenue Requirement		\$	727,157	-		\$	1,173,449	•		\$	977,315	<b>-</b>				

#### **PILs Calculation**

		2010		2011
INCOME TAX		Forecasted		Forecasted
Net Income	\$	85,277	\$	246,990
Amortization	\$	151,942	\$	463,473
CCA	-\$	185,981	-\$	542,704
Change in taxable income	\$	51,238	\$	167,758
Tax Rate		31.00%		28.25%
Income Taxes Payable	\$	15,884	\$	47,392
ONTARIO CAPITAL TAX				
Closing Net Fixed Assets	\$	4,171,045	\$	8,485,338
Less: Exemption	\$	-	\$	-
Deemed Taxable Capital	\$	4,171,045	\$	8,485,338
Ontario Capital Tax Rate		0.075%		0.000%
Net Amount (Taxable Capital x Rate)	\$	3,128	\$	-

#### **Gross Up**

	F	PILs Payable	I	PILs Payable
Change in Income Taxes Payable	\$	15,884	\$	47,392
Change in OCT	\$	3,128	\$	-
PIL's	\$	19,012	\$	47,392
		Gross Up		Gross Up
		31.00%		28.25%
	Gro	ossed Up PILs	Gr	ossed Up PILs
Change in Income Taxes Payable	\$	23,020	\$	66,051
Change in OCT	\$	3,128	\$	-
PIL's	\$	26,148	\$	66,051

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#### **Average Net Fixed Assets**

Net Fixed Assets - meters		Actual	Actual	Actual
Opening Capital Investment		\$ -	\$ -	\$ 4,314,874
Capital Investment			\$ 4,314,874	\$ 4,760,639
Closing Capital Investment		\$ -	\$ 4,314,874	\$ 9,075,513
Opening Accumulated Amortization		\$ -	\$ -	\$ 143,829
Amortization Year One	15 years	\$ -	\$ 143,829	\$ 158,688
Amortization Thereafter		\$ -	\$ -	\$ 287,658
Closing Accumulated Amortization		\$ -	\$ 143,829	\$ 590,175
Opening Net Fixed Assets		\$ -	\$ -	\$ 4,171,045
Closing Net Fixed Assets		\$ -	\$ 4,171,045	\$ 8,485,338
Average Net Fixed Assets		\$ -	\$ 2,085,522	\$ 6,328,191
Net Fixed Assets - software		2009 Actual	2010 Actual	2011 Actual
Opening Capital Investment		\$ -	\$ -	\$ 48,675
Capital Investment			\$ 48,675	\$ 5,408
Closing Capital Investment		\$ -	\$ 48,675	\$ 54,083
Opening Accumulated Amortization		\$ -	\$ -	\$ 8,113
Amortization Year One	3 years	\$ -	\$ 8,113	\$ 901
Amortization Thereafter		\$ -	\$ -	\$ 16,225
Closing Accumulated Amortization		\$ -	\$ 8,113	\$ 25,239
Opening Net Fixed Assets		\$ _	\$ _	\$ 40,563
Closing Net Fixed Assets		\$ -	\$ 40,563	\$ 28,844
Average Net Fixed Assets		\$ -	\$ 20,281	\$ 34,703
Totals				
Closing Capital Investment		\$ -	\$ 4,363,549	\$ 9,129,596
Average Net Fixed Assets		\$ -	\$ 2,105,804	\$ 6,362,895
Amorization Expense		\$ -	\$ 151,942	\$ 463,473

2009

2010

2011

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## PowerStream Inc. - South GS<50kW Smart Meter Cost Recovery Model For PILs Calculation

UCC		2009 Actual			2010 Actual	2011 Actual	
Opening UCC		\$	-	\$	-	\$	4,142,279
Capital Additions		\$	-	\$	4,314,874	\$	4,760,639
UCC Before Half Year Rule		\$	-	\$	4,314,874	\$	8,902,918
Half Year Rule (1/2 Additions - Disposals)		\$	-	\$	2,157,437	\$	2,380,320
Reduced UCC		\$	-	\$	2,157,437	\$	6,522,599
CCA Rate Class	47						
CCA Rate	8%						
CCA		\$	-	\$	172,595	\$	521,808
Closing UCC		\$	-	\$	4,142,279	\$	8,381,110

UCC		:009 ctual	2010 Actual	2011 Actual
0.1.100				 
Opening UCC		\$ -	\$ -	\$ 35,289
Capital Additions		\$ -	\$ 48,675	\$ 5,408
UCC Before Half Year Rule		\$ -	\$ 48,675	\$ 40,697
Half Year Rule (1/2 Additions - Disposals)		\$ -	\$ 24,338	\$ 2,704
Reduced UCC		\$ -	\$ 24,338	\$ 37,993
CCA Rate Class	50			
CCA Rate	55%			
CCA		\$ -	\$ 13,386	\$ 20,896
Closing UCC		\$ -	\$ 35,289	\$ 19,801
Total CCA		\$ _	\$ 185,981	\$ 542,704

Meters installed cost details: Residential EB-2011-0128
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Principal on a Revenue Requirement less Smart Meter Adder Basis

	Opening		Revenue	Closing
Month	Balance	SM Adder	Requirement	Balance
Jan-10	\$0	(\$40,584)	\$60,596	\$20,012
Feb-10	\$20,012	(\$40,584)	\$60,596	\$40,024
Mar-10	\$40,024	(\$40,584)	\$60,596	\$60,036
Apr-10	\$60,036	(\$40,584)	\$60,596	\$80,048
May-10	\$80,048	(\$40,584)	\$60,596	\$100,060
Jun-10	\$100,060	(\$40,584)	\$60,596	\$120,072
Jul-10	\$120,072	(\$40,584)	\$60,596	\$140,084
Aug-10	\$140,084	(\$40,584)	\$60,596	\$160,096
Sep-10	\$160,096	(\$40,584)	\$60,596	\$180,108
Oct-10	\$180,108	(\$40,584)	\$60,596	\$200,120
Nov-10	\$200,120	(\$40,584)	\$60,596	\$220,132
Dec-10	\$220,132	(\$40,584)	\$60,596	\$240,144
Jan-11	\$240,144	\$0	\$97,787	\$337,932
Feb-11	\$337,932	\$0	\$97,787	\$435,719
Mar-11	\$435,719	\$0	\$97,787	\$533,506
Apr-11	\$533,506	\$0	\$97,787	\$631,294
May-11	\$631,294	\$0	\$97,787	\$729,081
Jun-11	\$729,081	\$0	\$97,787	\$826,869
Jul-11	\$826,869	\$0	\$97,787	\$924,656
Aug-11	\$924,656	\$0	\$97,787	\$1,022,443
Sep-11	\$1,022,443	\$0	\$97,787	\$1,120,231
Oct-11	\$1,120,231	\$0	\$97,787	\$1,218,018
Nov-11	\$1,218,018	\$0	\$97,787	\$1,315,806
Dec-11	\$1,315,806	\$0		\$1,315,806
Jan-12	\$1,315,806	\$0		\$1,315,806
Feb-12	\$1,315,806	\$0		\$1,315,806
Mar-12	\$1,315,806	\$0		\$1,315,806
Apr-12	\$1,315,806	\$0		\$1,315,806
May-12	\$1,315,806	\$0		\$1,315,806
Jun-12	\$1,315,806	\$0		\$1,315,806
Jul-12	\$1,315,806	\$0		\$1,315,806
Aug-12	\$1,315,806	\$0		\$1,315,806
Sep-12	\$1,315,806	\$0		\$1,315,806
Oct-12	\$1,315,806	\$0		\$1,315,806
Total		(\$487,013)	\$1,802,818	\$1,315,806

		Revenue
By year	SM Adder	Requirement
2010	(\$487,013)	\$727,157
2011	\$0	\$1,075,661
Total	(\$487,013)	\$1,802,818

Note: Principal balance excludes stranded meter costs

### Interest on a Revenue Requirement less Smart Meter Adder Basis

	Opening Balance (excluding					
Month	Stranded)	Days	Rate	Interest		To Date
Jan-10	\$ -	31	0.5500%	\$ -	\$	-
Feb-10	\$ 20,012	28	0.5500%			8
Mar-10		31	0.5500%	\$ 19	_	27
Apr-10		30	0.5500%			54
May-10		31	0.5500%			92
Jun-10	\$ 100,060	30	0.5500%	\$ 45	\$	137
Jul-10	\$ 120,072	31	0.8900%	\$ 91	\$	228
Aug-10		31	0.8900%			334
Sep-10		30	0.8900%	\$ 117	\$	451
Oct-10	\$ 180,108	31	1.2000%	\$ 184	\$	634
Nov-10	\$ 200,120	30	1.2000%	\$ 197	\$	832
Dec-10	\$ 220,132	31	1.2000%		\$	1,056
Jan-11	\$ 240,144	31	1.4700%	\$ 300		1,356
Feb-11	\$ 337,932	28	1.4700%	\$ 381	\$	1,737
Mar-11	\$ 435,719	31	1.4700%		\$	2,281
Apr-11	\$ 533,506	30	1.4700%			2,925
May-11	\$ 631,294	31	1.4700%	\$ 788	\$	3,714
Jun-11	\$ 729,081	30	1.4700%	\$ 881	\$	4,594
Jul-11	\$ 826,869	31	1.4700%	\$ 1,032	\$	5,627
Aug-11	\$ 924,656	31	1.4700%	\$ 1,154		6,781
Sep-11	\$ 1,022,443	30	1.4700%	\$ 1,235	\$	8,017
Oct-11	\$ 1,120,231	31	1.4700%	\$ 1,399	\$	9,415
Nov-11	\$ 1,218,018	30	1.4700%	\$ 1,472	\$	10,887

By year	Interest
2010	\$ 1,056
2011	\$ 9,831
Total	\$ 10,887

#### 2011 Smart Meter Application

#### Total Bill - Monthly increases for typical TOU customers

	Reside	ntial		50	
	\$	%		\$	%
PowerStream South	\$ (3.05)	(2.9)%	\$	14.58	5.8%
PowerStream North	\$ 2.03	1.8%	\$	12.83	4.9%

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#### **POWERSTREAM SOUTH**

# MONTHLY CHARGES FOR TYPICAL RESIDENTIAL CUSTOMERS (RPP, TOU) (800 KWH CONSUMPTION)

			1-May-11	1-Dec-11
kWh	800	Loss factor	1.0299	1.0299

		As c	of May 01,	<b>20</b> 1	11		As	of Dec 01,	20	11	Bill Impact Dec 2011 to May 2011			
	Volume		RATE \$		CHARGE \$	Volume		RATE \$		CHARGE \$		\$	%	
Monthly Service Charge	1	\$	13.33	\$	13.33	1	\$	10.33	\$	10.33	\$	(3.00)	-2.6%	
Distribution (kWh)	800	\$	0.0132	\$	10.56	800	\$	0.0132	\$	10.56	\$	-	0.0%	
Distribution (kW)	-			\$	-	1	\$	-	\$	-	\$	-	0.0%	
LRAM / SSM adder	800	\$	0.0002	\$	0.16	800	\$	0.0002	\$	0.16	\$	-	0.0%	
Regulatory Assets (kWh)	800	\$	-	\$	-	800	\$	-	\$	•	\$	-	0.0%	
Regulatory Assets (kW)	=	\$	-	\$	-	-	\$	-	\$	-	\$	-	0.0%	
Sub-Total				\$	24.05				\$	21.05	\$	(3.00)	-2.6%	
Other Charges	824	\$	0.0135	\$	11.21	824	\$	0.0135	\$	11.21	\$	-	0.0%	
Transmission charges	824	\$	0.0090	\$	7.42	824	\$	0.0090	\$	7.42	\$	-	0.0%	
Commodity Off Peak (kWh)	527	\$	0.059	\$	31.11	527	\$	0.059	\$	31.11	\$	-	0.0%	
Commodity Mid Peak (kWh)	148	\$	0.089	\$	13.20	148	\$	0.089	\$	13.20	\$	-	0.0%	
Commodity On Peak (kWh)	148	\$	0.107	\$	15.87	148	\$	0.107	\$	15.87	\$	-	0.0%	
Total Bill before Taxes				\$	102.85				\$	99.85	\$	(3.00)	-2.6%	
Total Bill Including Taxes				\$	116.22				\$	112.83	\$	(3.39)	-2.9%	
Less OCEB	10%			\$	(11.62)				\$	(11.28)	\$	0.34	-2.9%	
Total Bill				\$	104.60				\$	101.55	\$	(3.05)	-2.9%	

#### **POWERSTREAM SOUTH**

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# MONTHLY CHARGES FOR TYPICAL GENERAL SERVICE <50 KW CUSTOMERS (RPP, TOU) (2,000 KWH CONSUMPTION)

				1-May-11	1-Dec-11
ŀ	kWh	2000	Loss factor	1.0299	1.0299

		As c	of May 01,	<b>20</b> 1	1		As of Dec 01, 2011						Bill Impact Dec 2011 to May 2011			
	Volume		RATE \$		CHARGE \$	Volume		RATE \$		CHARGE \$		\$	%			
Monthly Service Charge	1	\$	29.83	\$	29.83	1	\$	44.17	\$	44.17	\$	14.34	5.1%			
Distribution (kWh)	2,000	\$	0.0114	\$	22.80	2,000	\$	0.0114	\$	22.80	\$	-	0.0%			
Distribution (kW)	-	\$	-	\$	-	-	\$	-	\$	-	\$	-	0.0%			
LRAM / SSM adder	2,000	\$	0.0001	\$	0.20	2,000	\$	0.0001	\$	0.20	\$	-	0.0%			
Regulatory Assets (kWh)	2,000	\$	-	\$	-	2,000	\$	-	\$	-	\$	-	0.0%			
Regulatory Assets (kW)	-	\$	-	\$	-	-	\$	-	\$	-	\$	-	0.0%			
Sub-Total				\$	52.83				\$	67.17	\$	14.34	5.1%			
Other Charges	2,060	\$	0.0135	\$	27.64	2,060	\$	0.0135	\$	27.64	\$	-	0.0%			
Transmission charges	2,060	\$	0.0081	\$	16.68	2,060	\$	0.0081	\$	16.68	\$	-	0.0%			
Commodity Off Peak (kWh)	1,318	\$	0.059	\$	77.78	1,318	\$	0.059	\$	77.78	\$	-	0.0%			
Commodity Mid Peak (kWh)	371	\$	0.089	\$	33.00	371	\$	0.089	\$	33.00			0.0%			
Commodity On Peak (kWh)	371	\$	0.107	\$	39.67	371	\$	0.107	\$	39.67	\$	-	0.0%			
Total Bill before Taxes				\$	247.60				\$	261.94	\$	14.34	5.1%			
Total Bill Including Taxes				\$	279.79				\$	295.99	\$	16.20	5.8%			
Less OCEB	10%			\$	(27.98)				\$	(29.60)	\$	(1.62)	5.8%			
Total Bill				\$	251.81				\$	266.39	\$	14.58	5.8%			

#### **POWERSTREAM NORTH**

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# MONTHLY CHARGES FOR TYPICAL RESIDENTIAL CUSTOMERS (RPP, TOU) (800 KWH CONSUMPTION)

Residential				1-Dec-11	
	kWh	800	Loss factor	1.0565	1.0565

	,	As o	f May 01, 2	201 <sup>-</sup>	1		As	of Dec 01	, 20	11	Bill Impact Dec 2011 to May 2011			
	Volume		RATE \$		CHARGE \$	Volume		RATE \$		CHARGE \$		\$	%	
Monthly Service Charge	1	\$	15.37	\$	15.37	1	\$	17.37	\$	17.37	\$	2.00	1.6%	
Distribution (kWh)	800	\$	0.0139	\$	11.12	800	\$	0.0139	\$	11.12	\$	-	0.0%	
Distribution (kW)	-	\$	-	\$	-	-	\$	-	\$	-	\$	-	0.0%	
LRAM / SSM adder	800	\$	0.0004	\$	0.32	800	\$	0.0004	\$	0.32	\$	-	0.0%	
Regulatory Assets (kWh)	800	\$	-	\$	-	800	\$	-	\$	-	\$	-	0.0%	
Regulatory Assets (kW)	-	\$	-	\$	-	-	\$	-	\$	-	\$	-	0.0%	
Sub-Total				\$	26.81				\$	28.81	\$	2.00	1.6%	
Other Charges	845	\$	0.0135	\$	11.34	845	\$	0.0135	\$	11.34	\$	-	0.0%	
Transmission charges	845	\$	0.0120	\$	10.14	845	\$	0.0120	\$	10.14	\$	-	0.0%	
Commodity Off Peak (kWh)	541	\$	0.059	\$	31.91	541	\$	0.059	\$	31.91	\$	-	0.0%	
Commodity Mid Peak (kWh)	152	\$	0.089	\$	13.54	152	\$	0.089	\$	13.54	\$	-	0.0%	
Commodity On Peak (kWh)	152	\$	0.107	\$	16.28	152	\$	0.107	\$	16.28	\$	-	0.0%	
Total Bill before Taxes				\$	110.03				\$	112.03	\$	2.00	1.6%	
Total Bill Including Taxes				\$	124.33				\$	126.59	\$	2.26	1.8%	
Less OCEB	10%			\$	(12.43)				\$	(12.66)	\$	(0.23)	-0.2%	
Total Bill				\$	111.90				\$	113.93	\$	2.03	1.8%	

POWERSTREAM NORTH
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			1-May-11	1-Dec-11
kV	Vh <b>2000</b>	Loss factor	1.0565	1.0565

	As of May 01, 2011					As of Dec 01, 2011					Bill Impact Dec 2011 to May 2011		
	Volume		RATE \$		CHARGE \$	Volume		RATE \$		CHARGE \$		\$	%
Monthly Service Charge	1	\$	16.40	\$	16.40	1	\$	29.02	\$	29.02	\$	12.62	4.4%
Distribution (kWh)	2,000	\$	0.0167	\$	33.40	2,000	\$	0.0167	\$	33.40	\$	-	0.0%
Distribution (kW)	-			\$	-	-			\$	-	\$	-	0.0%
LRAM / SSM adder	2,000	\$	0.0001	\$	0.20	2,000	\$	0.0001	\$	0.20	\$	-	0.0%
Regulatory Assets (kWh)	2,000	\$	-	\$	-	2,000	\$	-	\$	-	\$	-	0.0%
Regulatory Assets (kW)	-	\$	-	\$	-	-	\$	-	\$	-	\$	-	0.0%
Sub-Total				\$	50.00				\$	62.62	\$	12.62	4.4%
Other Charges	2,113	\$	0.0135	\$	27.98	2,113	\$	0.0135	\$	27.98	\$	-	0.0%
Transmission charges	2,113	\$	0.0109	\$	23.03	2,113	\$	0.0109	\$	23.03	\$	-	0.0%
Commodity Off Peak (kWh)	1,352	\$	0.059	\$	79.79	1,352	\$	0.059	\$	79.79	\$	-	0.0%
Commodity Mid Peak (kWh)	380	\$	0.089	\$	33.85	380	\$	0.089	\$	33.85	\$	-	0.0%
Commodity On Peak (kWh)	380	\$	0.107	\$	40.70	380	\$	0.107	\$	40.70	\$	-	0.0%
Total Bill before Taxes				\$	255.35				\$	267.97	\$	12.62	4.4%
Total Bill Including Taxes				\$	288.55				\$	302.81	\$	14.26	4.9%
Less OCEB	10%			\$	(28.85)				\$	(30.28)	\$	(1.43)	-1.1%
Total Bill			·	\$	259.69				\$	272.53	\$	12.83	4.9%