September 6, 2013

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. (Licence ED-2004-0420)
2014 Electricity Distribution Rate Adjustment Application EB-2013-0166

Please find enclosed two (2) paper copies of the above captioned application. This Application, in PDF format, and electronic copies of the completed Board models have been filed through the Board's Regulatory Electronic Submission System (RESS).

On December 15, 2008 the Board approved the amalgamation of PowerStream Inc. and Barrie Hydro Distribution Inc. (EB-2008-0335). The companies merged on January 1, 2009, and started to operate under the same Licence ED-2004-0420 on March 16, 2010.

The Board approved harmonized 2013 base rates for the entire PowerStream service territory (EB-2012-0161) however there continued to be separate rate riders for the PowerStream South (York Region area) and PowerStream Barrie (Barrie and Simcoe County area) rate zones. Many of the rate zone specific rate riders continue in 2014 and there are new LRAM rate riders for the PowerStream Barrie rate zone for 2014. PowerStream has prepared two sets of bill impacts, one for each rate zone.

PowerStream has calculated typical customer bill impacts, based on the rates proposed in this application as follows:

For PowerStream South:

- a Residential customer using 800 kWhs per month will see a $0.11 (0.3%) increase in the Delivery line and an increase of $0.11 (0.1%) on the total monthly bill; and

- a General Service less than 50 kW customer using 2,000 kWhs per month will see a $0.01 (0.02%) increase in the Delivery line and an increase of $0.01 (0.01%) on the total monthly bill.

For PowerStream Barrie:

- a Residential customer using 800 kWhs per month will see a $0.43 (1.2%) increase in the Delivery line and an increase of $0.43 (0.4%) on the total monthly bill; and

- a General Service less than 50 kW customer using 2,000 kWhs per month will see a $1.41 (1.8%) increase in the Delivery line and an increase of $1.44 (0.5%) on the total monthly bill.

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

Yours truly,

Original signed by

Tom Barrett
Manager, Rate Applications

PowerStream Inc.

ED-2004-0420

2014 Electricity Distribution Rate Application

Board File Number EB-2013-0166

Management Summary

Table of Contents

Appendices

1. Introduction

PowerStream Inc. ("PowerStream") filed a cost of service application in 2012 resulting in the current Board approved rates that were effective January 1, 2013. PowerStream is submitting a 3rd Generation Incentive Regulation Mechanism ("3rd GIRM") rate application, for 2014 electricity distribution rates, effective January 1, 2014.

This application has been prepared in accordance with all the relevant Ontario Energy Board ("OEB" or "Board") guidelines and requirements.

The Board has provided direction to Ontario electricity distributors on 3rd GIRM applications in the following:

- *Chapter 3 of the Filing Requirements for Transmission and Distribution Applications* - July 17, 2013;
- *Report of the Board on the Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach – October 18, 2012;*
- *Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, December 11, 2009;*
- *Guidelines for Electricity Distributors' Conservation and Demand Management (EB-2012-0003) – April 26, 2012;*
- *Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors– July 14, 2008;*
- *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors – September 17, 2008;*
- *Addendum to the Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors – January 28, 2009;*
- Guideline (G-2008-0001) on Retail Transmission Service Rates – *October 22, 2008 (Revision 3.0 June 22, 2011 and any subsequent updates);*

- *Guideline G-2011-0001:Smart Meter Funding and Cost Recovery – Final Disposition, December 15, 2011;*
- *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) – July 31, 2009;*
- *Chapter 5 of the Filing Requirements for Electricity Transmission and Distribution Applications: Consolidated Distribution System Plan Filing Requirements – March 28, 2013;*
- *Report of the Board on Transition to International Financial Reporting Standards EB-2008-0408 – July 28, 2009; and*
- *Addendum to Report of the Board EB-2008-0408 – Implementing International Financial Reporting Standards in an Incentive Rate Mechanism Environment – June 13, 2011.*

PowerStream has adhered to the Board's directions in completing the Board-approved 2014 IRM models:

- 2014 IRM Rate Generator model
- Tax Sharing Model for IRM Applications
- 2014 Incremental Capital Work Form
- 2014 Incremental Capital Project Summary
- RTSR Adjustment Work Form

Publication of Notice

Upon receipt of the Letter of Direction from the Board, and the Notice of Application and Hearing, PowerStream will arrange to have the Notice of Application and Hearing posted in a newspaper which has the highest paid circulation in PowerStream's service area, in order to reach the greatest number of customers. This will be done in accordance with the schedule established by the Board.

The Notice of Application and Hearing will appear in the following newspapers:

- The Toronto Star zoned newspaper (paid subscription) for Thursday with an estimated circulation of 87,687 and estimated readership of 275,516 or for Saturday with an estimated circulation of 112,970 and estimated readership of 326,674;
- The Barrie Examiner (paid and unpaid subscription) with an estimated circulation of 54,743; and
- Le Gout de Vivre (paid subscription) with an estimated circulation of 1,000.

Once the Notice of Application and Hearing has been published in the above listed newspapers, PowerStream will file an Affidavit of Publication with proof, as directed by the Board.

Applicant Contact Information

The primary contact for this Application is:

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Manager of Rate Applications
PowerStream Inc.

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L4H 0A9

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E-mail: tom.barrett@powerstream.ca

The secondary contact for this Application is:

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PowerStream Inc.

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L4H 0A9

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DATED AT TORONTO, ONTARIO THIS 6th DAY OF September, 2013

PowerStream Inc.
by its counsel
Borden Ladner Gervais LLP

Original signed by

James C. Sidlofsky

2. Summary of Application

PowerStream's current rates, effective January 1, 2013, were approved by the Board in its Decision dated December 21, 2012 on PowerStream's 2013 Cost of Service rate application (EB-2012-0161).

PowerStream is submitting a 3rd GIRM Application for rates effective January 1, 2014.

PowerStream requests an Order or Orders approving:

1. Monthly Service Charge and Distribution Volumetric rates adjusted by the Board's price cap formula effective January 1, 2014;

2. incremental capital rate riders effective January 1, 2014 until the effective date of the next cost of service rates;

3. new Retail Transmission Service rates effective January 1, 2014;

4. the recovery of lost revenue adjustment mechanism (LRAM) claim by means of class-specific rate riders effective January 1, 2014 to December 31, 2014;

5. the clearance of the balances recorded in certain deferral and variance accounts by means of class-specific rate riders effective January 1, 2014 to December 31, 2015;

6. an update to the Renewable Generation Connection Rate Protection recovery for 2014; and

7. an order declaring PowerStream's current (i.e. 2013) rates as interim rates effective January 1, 2014, if and only if the preceding approvals cannot be issued in time to implement final rates, effective January 1, 2014.

3. Price Cap Adjustment

The rates and tariffs entered in the Rate Generator Model are taken from the Board-approved 2013 Tariff of Rates and Charges, as per the Board Rate Order (EB-2012-0161) dated January 31, 2013 and attached to this Application as Appendix I.

As shown in Sheet *"3. Rate Classes"* of the Rate Generator Model, PowerStream has the following rate classes:

- Residential
- General Service Less Than 50 kW
- General Service 50 to 4,999 kW
- Large Use
- Unmetered Scattered Load
- Sentinel Lighting
- Street Lighting

The Price Cap index of 0.98% is calculated in the Board's Rate Generator model, based on the preliminary 4th GIRM parameters. PowerStream recognizes that certain parameter values, including the price escalator (GDP-IPI) of 2.0%, Total Productivity Factor ("TPF") of 0.72% and the stretch factor of 0.3% are proxy values that will be adjusted to the Board approved values at the time of preparing the 2014 rate order.

4. Incremental Capital Module

PowerStream is requesting capital funding under the Incremental Capital Module ("ICM") to address the requirement for new, non-discretionary capital investment going into service in 2014 that is incremental to the materiality threshold.

Background:

In the past PowerStream has experienced strong growth over many periods. There has been slower growth in recent years. Much of the growth in PowerStream's distribution system occurred prior to 2001. A significant portion of the growth in assets was related to residential subdivisions. Developers installed and paid for the electrical plant (i.e. underground cable, transformers, switchgear) in subdivisions and, after an initial warranty period, gave it to the utility. The utility was then responsible for maintenance and operation of the plant, including repairs to and replacement of failed or end of life equipment. Development charges and upstream charges were collected from the Developers to help pay for the required upstream infrastructure to provide electricity to the subdivisions. PowerStream is at a point where significant amounts of the pre-2001 installed assets are reaching end of life and must be replaced.

PowerStream has carried out asset condition assessments on all major components of its distribution system. This work was initially done by Kinectrics Inc. and developed through the use of asset condition models. These models are now maintained and updated by PowerStream staff. Each year PowerStream's operations group performs inspection and tests on assets. The inspection and test data that is collected is input into the models and the results are updated and reviewed annually to determine the assets requiring replacement.

Underground cable and poles are two major areas identified through the asset condition assessments that require an extensive replacement/rehabilitation program to avoid reliability degradations. PowerStream has developed programs to manage this risk within tolerable levels. These programs were included in PowerStream's 2013 Cost of Service rate application (EB-2012-0161) and the proposed 2013 capital spending was

approved. PowerStream's engineering department has done additional work to identify which of the assets have the highest risk of failure and need to be replaced in 2014.

As discussed above, much of the plant that needs to be replaced was not paid for by the utility when it was originally installed. The assets were paid for by the Developer through contribution of the costs of the subdivision assets and/or development/upstream charge for upstream assets. The capital cost of those assets has never been factored into rates. Now that these assets need to be replaced, the cost of replacing these assets must be paid for by the utility with no new customers from which to generate additional revenues to pay for these assets.

As discussed in the next section, *Incremental Capital Amount*, PowerStream's non-discretionary capital spending requirements significantly exceed the materiality threshold the Board uses as the measure of the level that can be supported by current approved rates.

Incremental Capital Amount:

Using the Board's models, PowerStream has calculated an Eligible Incremental Capital Amount ("EICA") of $18.2 million ("M"), based on total 2014 non-discretionary capital in-service additions of $69.8M less a materiality threshold of $51.6M. The incremental revenue requirement corresponding to the EICA of $18.2M is $1.3M. Table 4-1 provides a summary of the calculation.

Table 4-1: Summary of Eligible Incremental Capital Amount ("EICA") ($000)

	Total Non-discretionary Capital	Eligible Capital Projects (A)
2014 In-service capital additions	$69,816	$33,886
Less Threshold	$51,606	
Maximum Allowable Capital (B)	$18,210	
Eligible Incremental Capital Amount (lesser of A and B)	$18,210	

PowerStream's process is to prepare a two-year capital budget and a five year capital plan each year. The last approved capital budget was for the 2013 and 2014 calendar years. Once the 2013 and 2014 Capital Budget is approved by the Executive and the Board of Directors, the 2013 portion becomes the capital plan for 2013. The 2014 portion represents the best information at that time as to what capital work will need to be done in 2014.

As part of its annual capital planning and budgeting process in 2013, PowerStream updates the five year capital plan for 2014 to 2018. The updated five year capital plan and the 2014 portion of the 2013-2014 capital budget is then the starting point for the 2014-2015 capital budget build. The latest information is used to determine which projects are put forward for consideration for the 2014 capital budget. All proposed projects are subject to a thorough process to ensure that the most important and urgent projects are included in the 2014 capital budget.

For the purposes of this application, PowerStream has concentrated its efforts on identifying the non-discretionary projects that will be included in the final 2014 capital budget.

PowerStream cannot provide a list of 2014 discretionary capital with any certainty at this time. The discretionary capital list will be finalized once the results of the IRM/ICM process are known and PowerStream understands the capital funding that is available. Although the Board only considers non-discretionary capital through the ICM, PowerStream goes through a thorough process to prudently review all capital expenditures. The review process does not differentiate between the non-discretionary or discretionary capital. All capital projects are considered using the same process to determine which projects should be included in the current capital budget. Both the risk of not completing a project and the value of completing a project are considered. Projects are selected that best contribute in a meaningful and prudent way to building a strong, effective, efficient and safe organization that meets the needs of customers and the public.

Table 4-2 below provides a summary of the projects making up the total non-discretionary capital additions for 2014 and showing the eligible capital projects. PowerStream has included capital spending for these projects prior to 2014 and has included only projects that are to be in service in 2014, representing the cost of 2014 in-service capital additions.

Table 4-2: Non-Discretionary Capital Additions and Eligible Capital Projects Summary

Project Description	Total Non-discretionary	Eligible Capital Project (ECP)	Other Non-Discretionary
System Access			
Customer service request	$ 12,462,448		$ 12,462,448
Other 3rd party infrastructure development	$ 11,716,684		$ 11,716,684
Mandated service obligations	$ 1,533,227		$ 1,533,227
Sub-total System Access	$ 25,712,359	$ -	$ 25,712,359
System Renewal			
Emergency replacements	$ 8,721,411		$ 8,721,411
Pole Replacements	$ 4,775,873	$ 4,775,873	$ -
Cable remediation	$ 20,183,168	$ 20,183,168	$ -
Switchgear and transformer replacements	$ 3,931,290	$ 3,931,290	$ -
Station replacements	$ 1,062,733	$ 1,062,733	$ -
Sub-total System Renewal	$ 38,674,475	$ 29,953,064	$ 8,721,411
System Service			
Distribution system capacity relief	$ 3,933,123	$ 3,933,123	$ -
Sub-total System Service	$ 3,933,123	$ 3,933,123	$ -
General Plant			
Information and communication systems	$ 1,495,660		$ 1,495,660
Sub-total General Plant	$ 1,495,660	$ -	$ 1,495,660
Grand total	$ 69,815,617	$ 33,886,187	$ 35,929,430

Detailed information on the capital projects and calculations is provided in:

- Appendix F: Incremental Capital Workform for 2014 Filers and Incremental Capital Project Summary for 2014 Filers (one for each project included in the EICA); and
- Appendix G: project details regarding the eligible capital projects; and
- Appendix H: project details regarding the other non-discretionary capital.

The calculation of the materiality threshold, the criteria for non-discretionary classification, incremental revenue requirement and the calculation of the ICM rate riders are discussed below.

Materiality Threshold:

PowerStream has calculated the materiality threshold as $51.6M using the Board's formula which can be found on sheet "E2.1 Threshold Test" of the "Incremental Capital Workform for 2014 Filers", attached as Appendix F.

The formula is: Materiality Threshold = Most recent Cost of Service ("COS") approved Depreciation expense multiplied by the Threshold Test factor.

The Threshold Test factor = 1 + (RB/d) * (g+ PCI * (1+g)) + 20%

where:

RB = rate base approved in most recent (2013) COS ($832.1 million)

d = depreciation expense approved in most recent COS ($32.9 million)

g = distribution revenue change from load growth (0.92% - see below)

PCI = Board's Price Cap Index for the rate year (0.48%)

The growth factor of 0.92% has been calculated using the "Incremental Capital Workform for 2014 Filers", attached as Appendix F. It is the increase in revenue at the 2013 approved COS billing determinants of $156.6M compared to revenue at the 2012 actual billing determinants of $155.2M, both amounts calculated using current approved 2013 rates.

Non-discretionary classification:

PowerStream has used the criteria for non-discretionary that was accepted by the Board in the Toronto Hydro Electricity Systems Limited rate case (EB- 2012-0064) taken from page 16 of the Decision dated April 2, 2013:

> *THESL approached the "need" criterion for an ICM as a determination as to whether a project was non-discretionary in the IRM period, based on the following factors.*
>
> *THESL's criteria for making this determination is whether each project is required for one or more of the following reasons:*
>
> *(1) Statute, code, provincial policy, or equivalent external requirement;*
>
> *(2) Considerations of safety for the public and for workers operating in, on, or around equipment;*

> *(3) Existing or imminent reliability degradations;*
>
> *(4) Existing or imminent capacity shortages;*
>
> *(5) A material increase in cost (beyond the time value of money), if the project is necessary but undertaken at a later time.*

On page 17, the Board stated under Board Findings:

> *The Board accepts THESL's criteria for determining if a project is non-discretionary.*

PowerStream notes that item (3) above, Existing or imminent reliability degradations", is a matter requiring professional judgment by its experienced engineering and operations staff. PowerStream has a well-developed process of identifying, assessing, monitoring and responding to projects that must be done to avoid an event or condition that, if it occurs, could have a severe or even catastrophic effect to its distribution network. For this reason, PowerStream's asset management methodology does not involve running most assets to failure. Asset condition assessments are undertaken by our System Planning and Station Design & Construction departments in co-ordination with our Operation departments.

PowerStream's capital budgeting process involves the use of an investment decision tool called Optimizer. This tool evaluates all proposed capital projects in terms of value across PowerStream's strategic objectives or minimizes the risk profile. An overall risk matrix chart is produced that identifies each project's level of risk. The levels of risk range from No Risk to High Risk (also known as Red Risk). Projects in red risk represent a high probability of severe or catastrophic event occurring if project is deferred. PowerStream has included as non-discretionary those projects were the risk level is considered red risk.

As demonstrated above, the Board's formula shows that even after adding on a 20% dead band, there is a considerable shortfall in the funding in current rates compared to the capital spending that is required. PowerStream determines the level of capital spending that can be funded and still maintain the financial stability of the company. If PowerStream does not obtain the requested ICM funding, it will have to reconsider the amount of capital spending and adjust to maintain its financial stability. This may result in

deferring some of the capital work that needs to be done to maintain the distribution system at the current level of reliability and prevent further degradation.

PowerStream's asset condition work and asset management planning show that substantial investment is required over a long period of time to maintain its system at the current level of reliability. PowerStream feels strongly that it is not prudent to defer these needed investments. PowerStream notes that the rate impacts from the ICM combined with other rate changes are small. Deferral will create a backlog and result in the need to spend significantly larger amounts in subsequent years to get back on track. This will result in large rate increases which will likely require rate mitigation resulting in a portion of the required work to be deferred again creating further degradation of the system, increased risks and reduced system reliability.

Revenue Requirement:

As discussed above, the eligible incremental capital amount was determined to be $18.2M. PowerStream has identified $33.9M in eligible capital projects ("ECP") which exceeds the maximum allowable capital amount of $18.2M (i.e. 53.7% of $33.9M). Rather than arbitrarily excluding some eligible projects, PowerStream has completed a 2014 Incremental Capital Project Summary for each of the eligible capital projects totaling $33.9M. PowerStream intends to complete all the eligible capital projects included.

To ensure that only the maximum allowable capital amount of $18.2M is included in the 2014 Incremental Capital Workform, PowerStream has carried forward a proportion of each of the amounts from the 2014 Incremental Capital Project Summaries to the 2014 ICM Workform to correspond with a total incremental capital amount of $18.2M. This translation is summarized below in Table 4-3 below.

Table 4-3: Capital Summaries to Capital Workform Translation

ACTUAL SUMMARIES

#	Project Description	Incremental Capital CAPEX	Amortization Expense	CCA
ICP1	Underground Cable Rehabilitation	$19,731,917	$451,251	$1,614,653
ICP2	System Renewal - Pole Replacements	4,666,692	109,181	382,070
ICP3	System Renewal - Station Replacements	1,024,593	38,140	85,019
ICP4	System Renewal - Switchgear and Transformer Replacement	3,841,198	90,092	314,503
ICP5	System Capacity Relief	3,842,212	90,911	314,650
	Total	$33,106,612	$779,575	$2,710,895

INPUT TO 2014 ICM WORKSHEET

#	Project Description	Incremental Capital CAPEX	Amortization Expense	CCA
ICP1	Underground Cable Rehabilitation	$10,853,278	$248,205	$888,119
ICP2	System Renewal - Pole Replacements	$2,566,852	$60,053	$210,152
ICP3	System Renewal - Station Replacements	$563,563	$20,979	$46,763
ICP4	System Renewal - Switchgear and Transformer Replacement	$2,112,800	$49,554	$172,988
ICP5	System Capacity Relief	$2,113,357	$50,004	$173,069
	Total	$18,209,851	$428,795	$1,491,092

The revenue requirement calculation can be found in Appendix F, on sheet "E4.1 Incremental Capital Adjustment" of the Board's Incremental Capital Workform for 2014 Filers, and is summarized in Table 4-4 below.

Table 4-4: Incremental Revenue Requirement Summary

Incremental Capital	$ 18,209,851
less Depreciation	$ (428,795)
Rate base increment	$ 17,781,056
Deemed interest	$ 427,572
Return on equity	$ 635,139
Sub-total return	$ 1,062,711
Depreciation	$ 428,795
Grossed up PILs	$ (150,082)
Incremental Revenue Requirement	$ 1,341,424

The ICM revenue requirement of $1.3M represents an increase of 0.9% over PowerStream's approved 2013 Base Revenue Requirement of $154.2 million.

Rate Rider Calculation:

The capital spending in the eligible capital projects benefits all customer classes. PowerStream proposes to allocate the ICM incremental revenue requirement ("IRR") to the rate classes in the same proportion as the approved 2013 revenue requirement. The allocation of the IRR to the rate classes is shown in Table 4-5 below.

Table 4-5: Allocation of Incremental Revenue Requirement

	2013 Approved Distribution Revenue Allocation			2014 Incremental Revenue Amount		
Customer Class	Variable	Fixed	Total	Variable	Fixed	Total
Residential	$ 37,226,353	$ 45,654,343	$ 82,880,697	$ 323,789	$ 397,095	$ 720,884
GS Less Than 50 kW	$ 14,161,548	$ 9,505,762	$ 23,667,311	$ 123,175	$ 82,680	$ 205,855
GS 50 to 4,999 kW	$ 37,037,008	$ 7,541,204	$ 44,578,212	$ 322,142	$ 65,592	$ 387,735
Large Use	$ 146,678	$ 139,402	$ 286,079	$ 1,276	$ 1,212	$ 2,488
Unmetered Scattered Load	$ 200,087	$ 230,293	$ 430,380	$ 1,740	$ 2,003	$ 3,743
Sentinel Lighting	$ 9,695	$ 4,781	$ 14,476	$ 84	$ 42	$ 126
Street Lighting	$ 1,147,083	$ 1,220,535	$ 2,367,618	$ 9,977	$ 10,616	$ 20,593
Total	$ 89,928,452	$ 64,296,320	$ 154,224,772	$ 782,184	$ 559,240	$ 1,341,424

To calculate the ICM rate riders, the allocated IRR amounts were divided by the 2013 approved billing determinants for the rate class as shown in Table 4-6 below.

Table 4-6: Calculation of ICM Rate Riders

	2013 Approved Billing Determinants			ICM IRR Allocated Amounts		Rate Riders		
Customer Class	Customers /connections	Kw	kwh	Variable	Fixed	Variable	Fixed	Unit
Residential	308,309	-	2,732,090,682	$ 323,789	$ 397,095	$ 0.00010	$ 0.110	kWh
GS Less Than 50 kW	31,199	-	1,051,489,461	$ 123,175	$ 82,680	$ 0.00010	$ 0.220	kWh
GS 50 to 4,999 kW	4,662	12,149,352	4,560,475,622	$ 322,142	$ 65,592	$ 0.02650	$ 1.170	kW
Large Use	2	188,221	63,129,774	$ 1,276	$ 1,212	$ 0.00680	$ 50.520	kW
Unmetered Scattered Load	2,814	-	12,938,386	$ 1,740	$ 2,003	$ 0.00010	$ 0.060	kWh
Sentinel Lighting	120	1,242	474,523	$ 84	$ 42	$ 0.06790	$ 0.030	kW
Street Lighting	83,370	177,059	60,349,776	$ 9,977	$ 10,616	$ 0.05630	$ 0.010	kW
Total	430,475	12,515,874	8,480,948,224	$ 782,184	$ 559,240			

For a typical Residential customer using 800 kWhs per month, this would add $0.19 to the monthly bill.

5. Tax Changes Rates Adjustments

The Board's 3rd GIRM Supplemental Report determined that a 50/50 sharing of the impact of currently known legislated tax changes, as applied to the tax level reflected in the Board-approved base rates for a distributor, is appropriate. The tax savings to be shared in 2014 are related to the income tax rate changes as shown on schedule *5. "Z-Factor tax Changes*" in the *Incentive Regulation Shared Tax Savings Model for 2014 Filers.*

At the time of filing the legislated tax rates for 2014 are unchanged from the 2013 tax rates underpinning rates and tax savings are calculated as $0. As a result the tax change rate riders have been calculated as $0.0000.

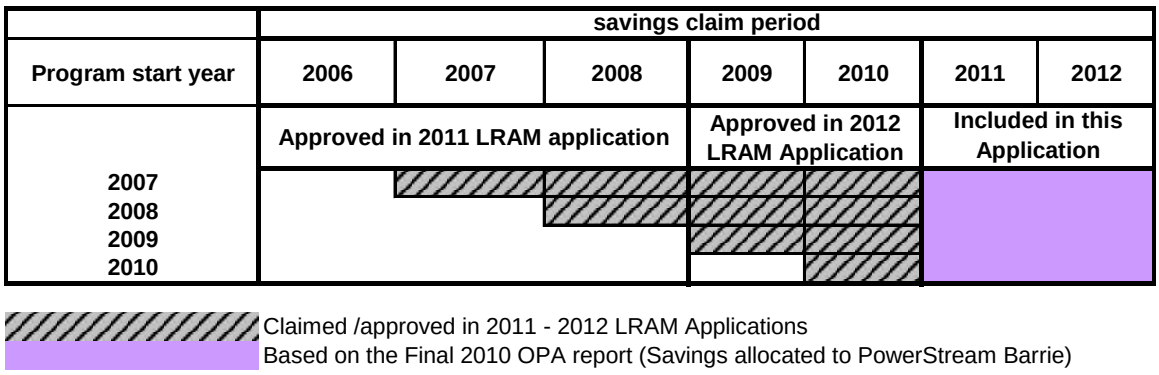
PowerStream recognizes that should legislated tax changes for 2014 occur during the course of this Application, the tax change calculation may be updated and rate riders derived as part of the draft rate order process.

6. Lost Revenue Adjustment Mechanism (LRAM)

In this Application, PowerStream applies to the Board for the approval to recover an LRAM amount of $435,460 including carrying costs. This claim relates only to lost revenue from the former Barrie Hydro rate zone resulting from OPA funded Conservation and Demand Management ("CDM") activities as illustrated in Chart 1.

Chart 1 – PowerStream Barrie LRAM claim

OPA funded programs



In its 2011 Incentive Regulation Mechanism ("IRM") Application, PowerStream - Barrie received approval to recover $209,821 of LRAM for the period of January 1st, 2007 to December 31st, 2008 (EB-2010-0365).

In the 2012 IRM application PowerStream received approval for recovery of LRAM in the amount of $355,365 for these CDM programs for the period January 1, 2009 to December 31, 2010 (EB-2011-0005).

The lost revenue amount claimed in this Application is for the period January 1, 2011 to December 31, 2012, for persistence savings from the 2007 to 2010 OPA sponsored programs.

This represents the final claim in respect of these programs as the 2013 approved cost of service rates now include load reductions in respect of CDM programs for the entire PowerStream service area.

Basis of Claim:

In 2007, Barrie Hydro submitted a Cost of Service ("COS") Rate Application for rates effective May 1, 2008 (EB-2007-0746). The load forecast underpinning the approved 2008 distribution rates did not include any load reductions due to Conservation and Demand Management ("CDM") programs. The load forecast was based on the 2004 normalized average consumption ("NAC") calculated by the Hydro One Load Study group for Barrie's 2006 Cost Allocation study (based on 2004 historical test year for 2006 COS rates).

As a result the rates set in Barrie's 2008 COS application did not take into account the reduced consumption resulting from CDM activities that commenced in 2005. The LRAM was designed by the Board to protect distributors from lost revenue occurring as a result of their CDM efforts.

PowerStream is authorized to seek recovery of LRAM amounts, based on the OEB "*Guidelines for Electricity Distributor Conservation and Demand Management"*, issued on March 28, 2008 (EB-2008-0037).

According to Section 5.1 of those guidelines, *"LRAM is available regardless of whether the programs are funded by the OPA or through distribution rates. The LRAM applies to programs implemented by the distributor, within its licensed service area, including programs delivered by the distributor itself and/or programs delivered for the distributor by a third party. Distributors may only recover LRAM for revenue losses that can be attributed to the distributor's involvement in the program."*

PowerStream determined the LRAM amounts in accordance with these guidelines.

The OEB *Filing Requirements for Transmission and Distribution Applications*, issued on June 22, 2011, stated that *"distributors intending to file … an LRAM application funded by OPA between 2005 and 2010, shall do so as part of their 2012 rate application filings, either cost-of-service or IRM."* These guidelines also state that "The Board has also accepted finalized program evaluations delivered to distributors from the OPA in relation

to OPA programs that the distributor has implemented as long as the distributor has included relevant documentation from the OPA in its application".

In its 2012 IRM application, PowerStream made a claim for the persistence savings in 2011 but was directed to remove the 2011 savings as it was premature to consider persisting lost revenues from programs in 2011.

It is now known that the 2010 OPA report on the OPA's 2006 to 2010 CDM programs is final. PowerStream submits that it is now appropriate to claim the persistence savings from the 2006 to 2010 OPA programs for 2011 and 2012.

PowerStream has based its LRAM calculations on the savings on the CDM programs it has delivered as reported by the OPA. Details of the LRAM calculations and the relevant OPA documentation are included in Appendix K.

For the customer classes where the volumetric distribution charge is based on kWhs, i.e., Residential and General Service less than 50 kW ('GS<50"), the lost revenue is equal to the kWhs saved, as reported by the OPA, times the applicable volumetric distribution charge.

For the customer class, i.e., General Service greater than 50 kW ('GS>50"), where the volumetric distribution charge is based on peak monthly kW demand, the kW demand reduction as reported by the OPA needs to be adjusted for purposes of the LRAM calculation.

The OPA reports the kW demand reduction as the effect on peak kW demand. For example if T8 fluorescent lighting is installed that reduces peak demand by 10,000 kW this is what is reported by the OPA in the savings for the year. However for calculation of the LRAM, this needs to be converted to lost billable kWs. Since these are persistent savings from prior year programs, the kW demand savings amount as reported will result in an equivalent amount of lost kWs billed in each of the 12 months. For purposes of the LRAM calculation it is necessary to multiply the OPA reported kW demand savings by 12 months and multiply by the monthly distribution per kW charge for the rate class.

Summary of Calculations:

The total LRAM relief sought by PowerStream is $435,460, summarized by program year and Lost Revenue by year ("Savings") in Table 6-1.

Table 6-1: LRAM Claim Summary by Program Year

Program Start Year	Savings , $			
	2011	2012	2013	Total
2007	32,742	31,577	-	$ 64,318
2008	44,762	41,547	-	$ 86,309
2009	87,181	87,198	-	$ 174,379
2010	49,034	48,950	-	$ 97,985
Total before carrying charges	$ 213,719	$ 209,272	$ -	$ 422,991
Carrying Charges	$ 1,571	$ 4,680	$ 6,218	$ 12,469
Total LRAM with carrying charges	$ 215,290	$ 213,952	$ 6,218	$ 435,460

PowerStream proposes to recover the total of $435,460 through class-specific volumetric rate riders, over a period of twenty four months, from January 1, 2014 to December 31, 2015.

The calculation of rate riders is presented in Appendix K, Schedule K-1, and is derived from the class-specific energy savings and related lost revenue. As discussed above this relates solely to the former Barrie rate zone and as such the rate riders will be applied only to customers in the former Barrie rate zone. The approved billing determinants from PowerStream's 2013 Cost of Service for the former Barrie rate zone have been used to calculate the rate riders.

Table 6-2 summarizes the Lost Revenue (LRAM) by rate class and calculates the rate riders using the billing determinants from the approved 2013 COS application.

Table 6-2: LRAM Claim by Customer Class and Rate Riders

Rate Class	LRAM before Carrying charges			Carrying charges	Total claim	Billing Type	Billing Units (EDR 2013)	Rate Rider
	2011	2012	Total					
Residential	$ 124,690	$ 119,594	$ 244,284	$ 7,219	$ 251,503	*KWh*	572,500,147	$0.0004
GS<50 kw	$ 72,130	$ 72,259	$ 144,390	$ 4,244	$ 148,634	*KWh*	210,041,869	$0.0007
GS>50 kw	$ 16,899	$ 17,419	$ 34,318	$ 1,005	$ 35,323	*KW*	1,938,621	$0.0182
TOTAL	$ 213,719	$ 209,272	$ 422,991	$ 12,469	$ 435,460			

7. Lost Revenue Adjustment Mechanism Variance (LRAMVA)

In the *Guidelines for Electricity Distributor Conservation and Demand Management* **(**EB-2012-0003) (the "CDM Guidelines"), the Board approved the generic variance account, Account 1568 LRAM Variance Account. This account was created in relation to the CDM programs for the 4-year period January 1, 2011 to December 31, 2014, in recognition of the new CDM targets assigned to distributors.

Distributors are required to calculate the variance between the actual CDM savings achieved and the level of CDM savings assumed in the setting of their rates. The variance in the CDM savings is to be calculated for each customer class and the approved rates applied to determine a dollar amount. These amounts are to be recorded in account 1568 and reported in the annual trial balance filed under electricity reporting and record-keeping requirements ("RRR") section 2.1.7.

PowerStream had new cost of service ("COS") rates approved for 2013. This was the first COS filing where the load forecast incorporated the anticipated CDM savings related to the new CDM targets assigned to distributors.

The previous COS applications were filed for 2008 rates for the former Barrie Hydro (Barrie and Simcoe County) and for 2009 rates for the former PowerStream (York Region). As discussed in the previous LRAM Claim section, there was no CDM impact built into the Barrie 2008 rates. The 2009 PowerStream rates did not contain any reduction with respect to the new CDM targets assigned to distributors for the 2011 to 2014 time period.

As the 2011 and 2012 rates do not contain any reduction for these programs, the entire amount of the OPA reported savings represents the variance between CDM in rates and actual CDM results.

PowerStream has calculated the LRAMVA for 2011 and 2012 based on the Board's guidance. The amounts booked are summarized in Table 7.1 below.

Table 7.1: LRAMVA Amounts as at December 31, 2012

Rate Class	2011 Amount	2012 Amount	Total
Residential	$ 126,255	$ 177,468	$ 303,723
GS<50	$ 2,054	$ 20,750	$ 22,805
GS>50	$ 164,248	$ 226,134	$ 390,382
Total	$ 292,558	$ 424,352	$ 716,910

The 2011 amount is based on the OPA report issued in September 2012. The 2012 amount is based on internal estimates from program results reported to the OPA. The final OPA report for 2012 is expected to be issued in September 2013.

There has been some discussion that the OPA may be revising some of the 2011 program results to reflect updated methodology. Given the uncertainty regarding the final amounts for these years, PowerStream does not request disposition of the LRAMVA balance at this time. PowerStream will review the status of the OPA results and provide the resulting LRAMVA balances in its next rate application for consideration for disposition.

8. Retail Transmission Service Rates

PowerStream has adjusted its Retail Transmission Service Rates (RTSR) to recover the wholesale transmission costs that it will be charged. PowerStream used the Board's 2014 RTSR Adjustment Workform (RTSR Model), attached as Appendix E, and followed the direction in the Board's *Guideline: Electricity Distribution Retail Transmission Service Rates, G-2008-0001, Revision 3.0, June 28, 2012*.

PowerStream has used the 2013 Uniform Transmission Rates (UTR) as listed in G-2008-0001 and assumed no change in the wholesale transmission rates that it will be charged for 2014. PowerStream is billed for transmission costs for some delivery points by Hydro One Networks Inc. (HONI) and has entered HONI's approved rates into the model. PowerStream anticipates that information regarding 2014 wholesale transmission rates will be available and that the RTSR Model will be updated with 2014 wholesale rates at the time of the draft rate order filing.

PowerStream has determined the 2012 wholesale quantities billed. The 2012 wholesale quantities and the 2013 approved wholesale rates were used to calculate the estimated wholesale transmission costs for 2013 and for 2014.

The 2012 billing determinants and current 2013 approved RTSRs were used in the RTSR Models to estimate the amounts that would be billed to customers for 2013 and 2014. The Network and Connection rates were then adjusted to bring the estimated amounts billed to customers equal to the estimated wholesale cost for 2014.

The proposed RTSRs represent an average increase in the Transmission Network Services charge of 0.0 % and an average increase in the Transmission Connection Services charge of 0.0%.

9. Electricity Distribution Deferral and Variance Accounts

On July 31, 2009 the Board issued its Report on *Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR).* The EDDVAR Report sets out the policy framework for the review and disposition of deferral and variance accounts ("DVA") for electricity distributors. As part of this framework, the Board has decided to review certain deferral and variance accounts within a distributor's IRM application.

The accounts to be included in an IRM application were classified as Group 1 accounts and include accounts 1550, 1580 1584, 1586, 1588, 1590 and 1595. As per the Board's report, the distributor is required to file a proposal for the disposition of all Group 1 accounts, when the disposition threshold of $0.001/KWh (debit or credit) is exceeded.

PowerStream has entered the data for the Group 1 into the appropriate schedules of the IRM Rate Generator model (Appendix C). Table 9-1 below summarizes the Group 1 Account balances as at December 31, 2012, as per the model.

Table 9-1: Summary of the Group 1 Account Balances at December 31, 2012

Description	Account	Amount
RSVA - LOW VOLTAGE	1550	$ 487,976
RSVA WHOLESALE MARKET SERVICE	1580	$ (10,887,232)
RSVA TRANSMISSION NETWORK SERVICE	1584	$ 1,044,114
RSVA TRANSMISSION CONNECTION SERV	1586	$ (601,839)
RSVA - POWER	1588	$ 867,771
RSVA - GLOBAL ADJUSTMENT	1589	$ (1,687,810)
RECOVERY OF REGULATORY ASSETS	1590	$ (1)
RECOVERY OF REGULATORY ASSETS	1595	$ (8,578,619)
Group 1 sub-total		**$ (19,355,640)**
Less 2012 IRM approval (EB-2011-0005)		$ (181,928)
Less 2013 COS approval (EB-2012-0161)		$ (8,348,099)
Adjusted Group 1 Total		**$ (10,825,613)**
2012 kWhs		8,467,722,619
Threshold Test (total claim per kWh)		**(0.0013)**

Note: includes 2013 accrued interest

As shown in Table 9-1 above, the threshold of $0.0010 per kWh debit or (credit) has been exceeded and PowerStream requests disposition of the Group1 balances totaling $10,825,613.

The Board has also given distributors the opportunity to request disposition of the balances in account 1568 Lost Revenue Adjustment Variance account (LRAMVA). This is discussed in Section 7, LRAMVA, above. PowerStream is not proposing to dispose of account 1568 in this Application, In its Decision on PowerStream's 2013 EDR cost of service application (EB-2012-0161), the Board approved the clearance of the December 31, 2011 Deferral and Variance account balances over a period of two years. The approved amounts were transferred to account 1595 in December 2012 when Board approval was received. The approved rate riders continue until December 31, 2014 and amounts billed to customers continue to be recorded in account 1595.

In its Decision on PowerStream's 2012 IRM application (EB-2011-0005), the Board approved the clearance of the account 1562 Deferred PILs balance for Barrie over a period of one year from May 1, 2012 to April 30, 2013. The approved amounts were transferred to account 1595. The approved rate riders continue until April 30, 2013 and amounts billed to customers continue to be recorded in account 1595.

As per the Board's guidance in EDDVAR, only residual balances in account 1595 for which the rate riders have expired are to be included in the amount to be disposed. The balances in account 1595 at December 31, 2012, for the 2012 and 2013 approved dispositions for which disposition rate riders were still active, have been excluded from the account 1595 balance for disposition in this application. These balances were excluded by entering the active balances in the "Principal Disposition during 2013 - instructed by Board" and "Interest Disposition during 2013 - instructed by Board" columns of the "5. 2014 Continuity Schedule" in the rate generator model.

All deferral and variance account amounts that were associated with the formerly separate rate zones where disposed in the 2013 rate application. The Group 1 account amounts to be considered for disposition in this application are common to and not identifiable to the former rate zones. Accordingly there is a single continuity schedule and threshold test, and a single schedule of resulting rate riders.

Schedule 5, "2014 Continuity Schedule", in the 2014 IRM Rate Generator model, compares the December 31, 2012 balances amounts listed to those reported in the 2.1.7 RRR filing of the December 31, 2012 trial balance. As can be seen in the "Variance" column, the total variance is $0. There are offsetting differences for Account 1595 (2010) and Account 1595 (2011) as the trial balance contains a single total that is not split by year, whereas the continuity schedule splits account 1595 by year of disposition.

Table 9-2 below summarizes the rate riders calculated in the rate generator model.

Table 9-2: Group 1 Disposition Rate Riders

Rate Class	Unit	Deferral /Variance Account Rate Rider	Global Adjustment Rate Rider
RESIDENTIAL	$/kWh	(0.0005)	(0.0002)
GENERAL SERVICE LESS THAN 50 KW	$/kWh	(0.0005)	(0.0002)
GENERAL SERVICE 50 TO 4,999 KW	$/kW	(0.2023)	(0.0660)
LARGE USE	$/kW	(0.1808)	-
UNMETERED SCATTERED LOAD	$/kWh	(0.0005)	(0.0002)
SENTINEL LIGHTING	$/kW	(0.2106)	(0.0671)
STREET LIGHTING	$/kW	(0.1835)	(0.0599)

PowerStream has calculated the rate riders based on a two year disposition period from January 1, 2014 to December 31, 2015.

PowerStream is requesting a two year disposition period. When the refund rate riders expire it appears as a distribution rate increase. Spreading the disposition over two years results in lower refund rate riders and less volatility in rates when these expire.

10. Green Energy Act (GEA) Deferral Accounts

PowerStream received approval in its 2013 COS application to dispose of the balances in the GEA deferral accounts up to December 31, 2011.

PowerStream had filed for GEA funding rate adders based on the planned spending but this request was withdrawn at the request of Board Staff and Intervenors who felt that a detailed Green Energy plan was needed, rather than the Basic Green Energy Act Plan filed by PowerStream, if funding adders were to be approved. In the absence of funding adders, PowerStream seeks approval to dispose of certain GEA deferral accounts based on the actual balances as at December 31, 2012.

PowerStream is filing an update to its compensation claim for Renewable Generation Connection Rate Protection ("RGCRP") under Ont. Reg. 330/09. The update calculates the amount for 2014 based on the previous filing, which included costs up to December 31, 2011, and includes the additions in 2012.

Renewable Generation Connection ("RGC"):

Table 10-1 summarizes the Renewable Generation Connection ("RGC") account balances at December 31, 2012, plus adjustments to properly reflect the amounts to be considered for disposition.

Table 10-1: RGC Account Balances December 31, 2012

Account	Description	Amount
1531	Renewable Generation Connection Capital	$ 1,148,758
	2011 and prior funded by RGCRP	$ (493,329)
	Adjusted 2012 balance	$ 655,429
	2012 to be funded by RGCRP	$ (603,949)
1531	Balance considered for disposition	$ 51,480
1532	Renewable Generation Connection OM&A	$ 48,314
	Total	$ 99,794

Accounts 1531 Renewable Generation Connection Capital and 1532 Renewable Generation Connection OM&A have been reduced by the amounts approved for disposition in PowerStream's 2013 COS application. Account 1531 has been reduced by

the amounts which are eligible to be funded under the RGCRP as discussed in the "Updated Compensation Claim for RGCRP under Ont. Reg. 330/09" below. Funding for the $493,329 capital from 2011 was approved by the Board in July 2013 and this balance will be transferred to the appropriate fixed asset accounts.

As can be seen in Table 10-1 above, most of the deferred costs will be recovered through RGCRP. Based on the small amount, PowerStream does not request disposition of the remaining RGC balances at this time.

Table 10-2 provides details of the "Adjusted 2012 Balance", calculated in Table 10-1, which are used to determine the amount eligible for recovery through RGCRP.

Table 10-2: Account 1531 RGC Capital Costs at December 31, 2012

Description	Amount	Direct benefit	RGCRP Eligible
Wimax Communications network	$ 254,459	$ 15,268	$ 239,191
Fault Level Reduction Reactor	$ 354,973	$ 21,298	$ 333,675
CIS modifications for FIT	$ 33,067	$ 1,984	$ 31,083
Sub-total	$ 642,499	$ 38,550	$ 603,949
Interest	$ 12,930		
Total	$ 655,429		

PowerStream is updating its request for compensation under the RGCRP for 2014 to include the revenue requirement on the additional capital added of $642,499 in 2012 less the benefit to PowerStream customers of $38,550 for a net of $603,949. This is discussed further below under the heading "Updated Compensation Claim for RGCRP under Ont. Reg. 330/09".

As per the requirements from the Report of the Board "*Framework for Determining the Direct Benefits Accruing to Customers of a Distributor Under Regulation 330/09*" (EB-2009-0349, June 10, 2010), PowerStream has calculated the direct benefits accruing to PowerStream's customers of the RGC investment. As per section 3.2.2.3 of the Board's Report, since PowerStream does not meet the threshold for filing a detailed GEA Plan, PowerStream has used the percentages for Expansion and Renewable Enabling Improvements (REI) investments based on Hydro One Distribution's detailed direct

benefit assessment. The provisional percentages, based on the calculation by Hydro One Distribution in their Green Energy Plan (EB-2009-0096), are as follows:

System Expansion – 17%
Renewable Enabling Improvements – 6%

The benefit to PowerStream's customers has been calculated using a proxy of 6% of costs as all of the investments are for Renewable Enabling Improvements.

The balance remaining in account 1531 RGC of $52,637 consists of the $39,706 deemed benefit to PowerStream customers and the accrued interest of $12,930. The interest related to the portion of costs recovered through the RGCRP mechanism will be reversed.

Updated Compensation Claim for RGCRP under Ont. Reg. 330/09:

As part of its 2013 COS application (EB-2012-0161), PowerStream filed a compensation claim for Renewable Generation Connection Rate Protection ("RGCRP") under Ontario Regulation 330/09. In its July 10, 2013 Decision (EB-2013-0231), the Board approved the requested compensation of $162,684 to be recovered over a six month period beginning July 1. 2013.

The amount approved for recovery in 2013 represents the revenue requirement on the capital investments for PowerStream's distribution system to enable the system to handle renewable generation being connected to the system up to December 31, 2011. The capital investments amounts are net of the 6% of cost deemed to be a benefit to PowerStream customers, hereafter referred to as "eligible investments". The 2013 approved amount includes the revenue requirement for each of the years from the first investment up to 2013.

The request for RGCRP for 2014 has been updated to include:

- the revenue requirement for the eligible investments made in 2012 for the years 2012, 2013 and 2014, taken from the model attached as Appendix M; and

- the 2014 revenue requirement on the eligible investments made up to the end of 2011, taken from the model filed and approved in 2013 (see Appendix N).

The 2012 capital additions recorded in account 1531 Renewable Generation Connection Capital and determination of the benefit to PowerStream's customers were discussed in the "Renewable Generation Connection" section above. The investments are summarized in Table 10-2 of that section.

Table 10-3 summarizes the RGCRP claim for 2014.

Table 10-3 RGCRP Claim for 2014

Description	Amount
Claim re 2012 and prior investments (Appendix M)	$ 146,070
Claim re 2011 and prior investments (Appendix N)	$ 67,769
Total	$ 213,839

Smart Grid ("SG"):

PowerStream plays an active role in the Provincial mandate to develop a smart grid and to be prepared to accommodate emerging technologies. Table 10-4 summarizes the SG actual costs as at December 31, 2012 to be considered for disposition.

Table 10-4: Smart Grid Account Balances at December 31, 2012

Account	Description	Amount
1534	Smart Grid Capital	$ 422,475
	less Work-in-progress	$ (317,470)
	Smart Grid capital additions	$ 105,005
1535	Smart Grid OM&A	$ 803,499
	Total SG costs for disposition	$ 1,013,509

Smart grid capital additions are summarized in Table 10-5 below.

Table 10-5: Smart Grid Capital Additions Summary:

Description	Amount
Electric vehicle projects	$ 40,898
Distribution automation/protection projects	$ 48,106
Energy storage	$ 16,000
Total	$ 105,003

Other than pilot or demonstration type projects, PowerStream's application of smart grid technology is done through its normal capital budget process whereby all capital projects compete head-to-head with all other capital requirements in the company through a software prioritization tool named "Optimizer".

Smart Grid demonstration and pilot projects are charged to the Smart Grid capital deferral account. Those projects are summarized in Table 10-5 and discussed below.

Electric Vehicle Technologies:

In 2012, PowerStream successfully completed the demonstration project "*Electric Vehicle Smart Charger Trial*" which began in 2010. This project successfully demonstrated the impact of EV charging on the distribution system and determined a number of options for the utility to manage the electricity demand associated with future growth of electric vehicles throughout the community.

In June 2012, PowerStream, in collaboration with Nissan Canada, successfully demonstrated the first commercial V2H (electric vehicle-to-home) technology in North America. Using commercially available V2H technology from Nissan in Japan, PowerStream demonstrated the ability of the electric vehicle (EV) to provide energy back in to the grid. This opens the possibility for EVs to be used for energy load shifting within the distribution system whereby EVs could charge during off-peak hours and return energy to the grid during peak times. The vehicles can also supply electricity to residential homes during power outages. In 2012, Queen's University completed a study for PowerStream covering the business case for V2H technology in residential applications.

Distribution Automation and Protection Projects:

Digital Fault Indicator Project

The digital fault indicator project is a demonstration project started in 2010. The project demonstration trial involved the installation of 25 three-phase fault detectors on the system and used the smart metering communications infrastructure to notify the control room operator of a system fault. The project utilizes PowerStream's existing AMI infrastructure (Sensus smart meter communications technology). The intent of this project is to determine the impact of using the Sensus Flexnet AMI system to deliver fault location, magnitude and other information to the control room operator. The AMI system performance relating to capacity, latency and prioritization are issues that will be evaluated during this trial.

PowerStream concluded that this technology is viable for future application to the distribution system. Future application of this technology will be determined by Operations Department needs and will be part of that department's normal rate-based capital expenditure program. PowerStream's findings were shared with Hydro One and the Coalition of Large Distributors (Enersource, Horizon, Hydro Ottawa, PowerStream Toronto Hydro, and Veridian) at its regular Smart Grid information exchange meetings.

Geomagnetically Induced Current (GIC) Initiative

This project was a trial demonstration of advanced technology to detect transformer neutral currents caused by solar flares on the surface of the sun. The solar flares have sufficient intensity throughout certain times of the year that they induce ground currents in the neutral of large power transformers and can result in the transformer protection & control technology tripping the transformer off-line causing power outages to the system. This pilot project installed 4 special transducers at two of PowerStream's more sensitive transformer stations (MTS #1 and MTS #2 in Markham) to detect the solar induced currents (SICs) and notify operators in advance of tripping the transformers.

This new technology was installed and commissioned and is being monitored by control operators.

Energy Storage Evaluation (University of Waterloo Report):

In 2011, PowerStream was approached by an Ontario company (Temporal Power) to demonstrate a grid scale electricity storage technology using proprietary flywheel technology. Following review of the technology, the project objectives and cost estimates, it was decided that the prudent direction was to have the University of Waterloo evaluate this technology on PowerStream's distribution system. In 2012, the University carried out its study ("*Effect of Increasing Distributed Generation Penetration Level on Distribution Systems*") having the following scope:

i. Understanding power flows, losses and voltage variation.

ii. Creation of the dynamic model of a flywheel energy storage system.

iii. Evaluation of the flywheel proposed by Temporal Power.

The study results led PowerStream to decide not to participate in a flywheel stored energy demonstration project.

Smart grid OM&A costs consists of costs for employees on the Smart Grid team, consultant costs and costs related to knowledge gathering and sharing activities (conferences, trade shows, meetings, training). Some of the main activities are discussed below.

PowerStream's Smart Grid Strategy and Plan:

PowerStream's initial Smart Grid Strategy and Plan was prepared by a cross-functional Smart Grid Strategy Task Force comprised of senior department representatives from across the company and approved by its Board of Directors in September 2010. The Strategy and Plan was updated in 2011- 2012 to reflect changes in the political, regulatory, societal, environment and technological arenas. This document, titled *"2012 – 2013 Smart Grid Strategy and Five Year*

Plan – Building a Smarter Tomorrow" proposes a 5 year plan for continued Smart Grid development within PowerStream. With the assistance of Navigant Consulting, this document was completed and issued in August 2012.

PowerStream Staff attended and in many cases presented at the following Conferences, Trade Shows and meeting:

- Smart Grid Canada 2012 Conference (Toronto)
- China Smart Grid Trade Mission (China)
- Green Living Show (Toronto)
- Micro Grid Roundtable Offsite (Vaughan)
- QUEST Renewable – SG Technology Tour (Sweden)
- World Storage Conference (Germany)
- EV-2012 Conference (Electric Mobility Canada) – (Quebec City)
- Analytics and Data Management Conference (USA)
- OEB Smart Grid Working Group meetings (Toronto)

Consumer Communications:

- Smart Grid Fact Sheets

In the absence of a SG funding adder, PowerStream proposes recovery of these costs through rate riders based on an actual incurred cost basis. As this is an IRM application, PowerStream proposes that these balances be disposed by means of a rate rider for 2014 based on the revenue requirement determined by putting the 2012 actual costs into the Smart Grid Disposition rate rider model. This model is attached as Appendix L. This model uses a revenue requirement methodology similar to that in the RGCP model approved by the OEB in PowerStream's 2013 COS rate application (EB-2012-0161).

The smart grid disposition model has calculated revenue requirements with respect to the 2012 smart grid expenditures as summarized in Table 10-6 below. The total revenue requirement on the 2012 smart grid expenditure for 2012 to 2014 inclusive is $840,791.

PowerStream proposes recovery of this amount over the one year period from January 1, 2014 to December 31, 2014.

Table 10-6: 2012 Actual Smart Grid Costs Revenue Requirement

Year	Amount
2012	$ 816,696
2013	$ 11,683
2014	$ 12,412
Total revenue requirement	$ 840,791

PowerStream has allocated the calculated revenue requirement to the rate classes in the same proportion as the approved 2013 revenue requirement allocation. The allocated amount was divided by the number of customers in the rate class and divided by 12 to get a fixed monthly rate rider. This is summarized in Table 10-7 below.

Rate Class	2013 Approved Revenue Allocation	Smart Grid Revenue Allocation	Re-based Customers/ Connections	Proposed Monthly Rate Rider
RESIDENTIAL	$ 82,880,697	$ 451,843	308,309	$ 0.12
GENERAL SERVICE LESS THAN 50 KW	$ 23,667,311	$ 129,028	31,199	$ 0.34
GENERAL SERVICE 50 TO 4,999 KW	$ 44,578,212	$ 243,028	4,662	$ 4.34
LARGE USE	$ 286,079	$ 1,560	2	$ 64.98
UNMETERED SCATTERED LOAD	$ 430,380	$ 2,346	2,814	$ 0.07
SENTINEL LIGHTING	$ 14,476	$ 79	120	$ 0.05
STREET LIGHTING	$ 2,367,618	$ 12,908	83,370	$ 0.01
TOTAL	$ 154,224,772	$ 840,791	430,476	

11. Rate Change Summary and Bill Impacts

Appendix A shows the proposed Tariff of Rates and Charges, incorporating the effect of the 2014 price cap adjustment, the tax sharing rate riders, changes in the Smart Meter Rate Riders and updated transmission rates.

The tariff schedule contains LRAM rate riders specific to the Barrie and Simcoe county former rate zone. As a result there are two sets of bill impacts, one for the former York Region rate zone and another for the former Barrie and Simcoe County rate zone.

Appendix B shows the resulting bill impacts, by former rate zone, as calculated by the Board's Rate Generator model.

Bill impacts for the former York Region rate zone:

- A typical Residential customer using 800 kWh per month will see an increase of $0.11 or 0.3% in the Delivery line and an increase of $0.11 or 0.1% on the total monthly bill.

- A typical General Service less than 50 kW demand customer using 2,000 kWh per month will see an increase of $0.01 or 0.02% in the Delivery line and an increase of $0.01 or 0.01% on the total monthly bill.

- The typical bill impacts calculated for other classes range from a decrease of 0.6%, for the General Service 50 to 4999 kW demand class, to an increase of 1.7%, for the Unmetered Scattered Load class, on the total monthly bill.

Bill impacts for the former Barrie and Simcoe County rate zone:

- A typical Residential customer using 800 kWh per month will see a decrease of $0.43 or 1.2% in the Delivery line and an increase of $0.43 or 0.4% on the total monthly bill.

- A typical General Service less than 50 kW customer using 2,000 kWh per month will see an increase of $1.41 or 1.8% in the Delivery line and an increase of $1.44 or 0.5% on the total monthly bill.

- The typical bill impacts calculated for other classes range from a decrease of 0.6%, for the General Service 50 to 4999 kW demand class, to an increase of 1.8%, for the Unmetered Scattered Load class, on the total monthly bill.

As the total bill impacts are under 2%, PowerStream considers rate mitigation measures unnecessary.

Appendix A

TO RATE ORDER

PowerStream Inc.

2014 Electrcity Distribution Rates

EB-2013-0166

January 1, 2014

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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

ED-2004-0420

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	12.40
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.20
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.12
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.11
Distribution Volumetric Rate	$/kWh	0.0137
Low Voltage Service Rate	$/kWh	0.0003
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kWh	(0.0005)

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2014

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

ED-2004-0420

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0019)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0015)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) - effecitve until December 31, 2014	$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0032

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	25.51
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.55
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.34
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.22
Distribution Volumetric Rate	$/kWh	0.0136
Low Voltage Service Rate	$/kWh	0.0003
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kWh	(0.0005)

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0018)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0016)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) - effecitve until December 31, 2014	$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0028

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

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, both regular and interval metered. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	135.46
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	6.99
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	4.34
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	1.17
Distribution Volumetric Rate	$/kW	3.2553
Low Voltage Service Rate	$/kW	0.1189
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0265
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.0660)
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kW	(0.2023)

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.5780)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.5933)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) - effecitve until December 31, 2014	$/kW	0.0182
Retail Transmission Rate - Network Service Rate	$/kW	2.6917
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.0805
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8217
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.1691

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5,836.28
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	104.59
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	64.98
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	50.52
Distribution Volumetric Rate	$/kW	1.3850
Low Voltage Service Rate	$/kW	0.1437
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0068
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kW	(0.1808)
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.2042)
Retail Transmission Rate - Network Service Rate	$/kW	3.19390
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.10820

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

STANDBY POWER 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.6854

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	6.85
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.11
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.07
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.06
Distribution Volumetric Rate	$/kWh	0.0156
Low Voltage Service Rate	$/kWh	0.0003
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kWh	(0.0005)

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2014

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ED-2004-0420

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0023)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0015)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0031

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	3.34
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.09
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.03
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.05
Distribution Volumetric Rate	$/kW	7.8425
Low Voltage Service Rate	$/kW	0.1031
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0679
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kW	(0.0671)
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kW	(0.2106)
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.8088)
Retail Transmission Rate - Network Service Rate	$/kW	2.0804
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.7952

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2014

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ED-2004-0420

SENTINEL LIGHTING SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	1.23
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.02
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.01
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.01
Distribution Volumetric Rate	$/kW	6.5096
Low Voltage Service Rate	$/kW	0.0917
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0563
Rate Rider for Disposition of Global Adjustment Sub-Account (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.0599)
Rate Rider for Disposition of Deferral/Variance Account (2014) - effective until December 30, 2015	$/kW	(0.1835)

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2014

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ED-2004-0420

STREET LIGHTING SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.6712)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.4746)
Retail Transmission Rate - Network Service Rate	$/kW	2.0472
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.8756

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0044
Rural Rate Protection Charge	$/kWh	0.0012
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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ED-2004-0420

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

PowerStream Inc.
TARIFF OF RATES AND CHARGES
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ED-2004-0420

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, 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 (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 (for non-payment)	$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	$	185.00
Install/Remove load control device – during regular hours	$	65.00
Install/Remove load control device – after regular hours	$	185.00
Disconnect/Reconnect at meter – during regular hours	$	65.00
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
Specific Charge for Access to the Power Poles - $/pole/year	$	22.35
Temporary Service – Install & remove – overhead – no transformer	$	500.00

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2014

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

ED-2004-0420

RETAIL SERVICE CHARGES (if applicable)

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, 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 monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly 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 factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0345
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**RESIDENTIAL**	
Loss Factor		**1.0345**
Consumption	**kWh**	**800**
If Billed on a kW basis:		
Demand	**kW**	**38**
Load Factor		

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 12.34	1	$ 12.34	$ 12.40	1	$ 12.40	$ 0.06	0.49%
Distribution Volumetric Rate	$ 0.0136	800	$ 10.88	$ 0.0137	800	$ 10.96	$ 0.08	0.74%
Fixed Rate Riders	$ 0.06	1	$ 0.06	$ 0.43	1	$ 0.43	$ 0.37	616.67%
Volumetric Rate Riders	0.0014	800	$ 1.12	0.0015	800	$ 1.20	$ 0.08	7.14%
Sub-Total A (excluding pass through)			$ 24.40			$ 24.99	**$ 0.59**	**2.42%**
Line Losses on Cost of Power	$ 0.0839	28	$ 2.32	$ 0.0839	28	$ 2.32	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.0019	800	-$ 1.52	-0.0024	800	-$ 1.92	-$ 0.40	26.32%
Low Voltage Service Charge	$ 0.0003	800	$ 0.24	$ 0.0003	800	$ 0.24	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25.44**			**$ 25.63**	**$ 0.19**	**0.75%**
RTSR - Network	$ 0.0074	828	$ 6.13	$ 0.0073	828	$ 6.04	-$ 0.08	-1.35%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0032	828	$ 2.65	$ 0.0032	828	$ 2.65	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			**$ 34.21**			**$ 34.32**	**$ 0.11**	**0.31%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	828	$ 3.64	$ 0.0044	828	$ 3.64	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	828	$ 0.99	$ 0.0012	828	$ 0.99	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	800	$ 5.60	$ 0.0070	800	$ 5.60	$ -	0.00%
TOU - Off Peak	$ 0.0670	512	$ 34.30	$ 0.0670	512	$ 34.30	$ -	0.00%
TOU - Mid Peak	$ 0.1040	144	$ 14.98	$ 0.1040	144	$ 14.98	$ -	0.00%
TOU - On Peak	$ 0.1240	144	$ 17.86	$ 0.1240	144	$ 17.86	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 111.83**			**$ 111.94**	**$ 0.11**	**0.10%**
HST	13%		$ 14.54	13%		$ 14.55	$ 0.01	0.10%
Total Bill (including HST)			$ 126.37			$ 126.49	$ 0.12	0.10%
Ontario Clean Energy Benefit [1]			-$ 12.64			-$ 12.65	-$ 0.01	0.08%
Total Bill on TOU (including OCEB)			**$ 113.73**			**$ 113.84**	**$ 0.11**	**0.10%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**GENERAL SERVICE LESS THAN 50 KW**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**2,000**	
If Billed on a kW basis:			
Demand	**kW**		**38**
Load Factor			

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 25.39	1	$ 25.39	$ 25.51	1	$ 25.51	$ 0.12	0.47%
Distribution Volumetric Rate	$ 0.0135	2,000	$ 27.00	$ 0.0136	2,000	$ 27.20	$ 0.20	0.74%
Fixed Rate Riders	$ 0.41	1	$ 0.41	$ 1.11	1	$ 1.11	$ 0.70	170.73%
Volumetric Rate Riders	0.0017	2,000	$ 3.40	0.0018	2,000	$ 3.60	$ 0.20	5.88%
Sub-Total A (excluding pass through)			$ 56.20			$ 57.42	**$ 1.22**	**2.17%**
Line Losses on Cost of Power	$ 0.0839	69	$ 5.79	$ 0.0839	69	$ 5.79	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.0018	2,000	-$ 3.60	-0.0023	2,000	-$ 4.60	-$ 1.00	27.78%
Low Voltage Service Charge	$ 0.0003	2,000	$ 0.60	$ 0.0003	2,000	$ 0.60	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 58.99**			**$ 59.21**	**$ 0.22**	**0.37%**
RTSR - Network	$ 0.0067	2,069	$ 13.86	$ 0.0066	2,069	$ 13.66	-$ 0.21	-1.49%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0028	2,069	$ 5.79	$ 0.0028	2,069	$ 5.79	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			**$ 78.65**			**$ 78.66**	**$ 0.01**	**0.02%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	2,069	$ 9.10	$ 0.0044	2,069	$ 9.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	2,069	$ 2.48	$ 0.0012	2,069	$ 2.48	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	2,000	$ 14.00	$ 0.0070	2,000	$ 14.00	$ -	0.00%
TOU - Off Peak	$ 0.0670	1,280	$ 85.76	$ 0.0670	1,280	$ 85.76	$ -	0.00%
TOU - Mid Peak	$ 0.1040	360	$ 37.44	$ 0.1040	360	$ 37.44	$ -	0.00%
TOU - On Peak	$ 0.1240	360	$ 44.64	$ 0.1240	360	$ 44.64	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 272.32**			**$ 272.34**	**$ 0.01**	**0.00%**
HST	13%		$ 35.40	13%		$ 35.40	$ 0.00	0.00%
Total Bill (including HST)			$ 307.72			$ 307.74	$ 0.01	0.00%
Ontario Clean Energy Benefit [1]			-$ 30.77			-$ 30.77	$ -	0.00%
Total Bill on TOU (including OCEB)			**$ 276.95**			**$ 276.97**	**$ 0.01**	**0.01%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**GENERAL SERVICE 50 TO 4,999 KW**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**80,000**	
If Billed on a kW basis:			
Demand	**kW**	**250**	**38**
Load Factor		**44%**	

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 134.81	1	$ 134.81	$ 135.46	1	$ 135.46	$ 0.65	0.48%
Distribution Volumetric Rate	$ 3.2397	250	$ 809.93	$ 3.2553	250	$ 813.83	$ 3.90	0.48%
Fixed Rate Riders	$ 7.71	1	$ 7.71	$ 12.50	1	$ 12.50	$ 4.79	62.13%
Volumetric Rate Riders	0.0000	250	$ -	0.0265	250	$ 6.63	$ 6.63	
Sub-Total A (excluding pass through)			$ 952.45			$ 968.41	**$ 15.97**	**1.68%**
Line Losses on Cost of Power	$ 0.0839	2,760	$ 231.62	$ 0.0839	2,760	$ 231.62	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.5762	250	-$ 144.05	-0.8445	250	-$ 211.13	-$ 67.08	46.56%
Low Voltage Service Charge	$ 0.1189	250	$ 29.73	$ 0.1189	250	$ 29.73	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 1,069.74**			**$ 1,018.63**	**-$ 51.11**	**-4.78%**
RTSR - Network	$ 5.5600	250	$ 1,390.00	$ 5.5100	250	$ 1,377.50	-$ 12.50	-0.90%
RTSR - Connection and/or Line and Transformation Connection	$ 2.2700	250	$ 567.50	$ 2.2496	250	$ 562.40	-$ 5.10	-0.90%
Sub-Total C - Delivery (including Sub-Total B)			**$ 3,027.24**			**$ 2,958.53**	**-$ 68.71**	**-2.27%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	82,760	$ 364.15	$ 0.0044	82,760	$ 364.15	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	82,760	$ 99.31	$ 0.0012	82,760	$ 99.31	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	80,000	$ 560.00	$ 0.0070	80,000	$ 560.00	$ -	0.00%
TOU - Off Peak	$ 0.0670	51,200	$ 3,430.40	$ 0.0670	51,200	$ 3,430.40	$ -	0.00%
TOU - Mid Peak	$ 0.1040	14,400	$ 1,497.60	$ 0.1040	14,400	$ 1,497.60	$ -	0.00%
TOU - On Peak	$ 0.1240	14,400	$ 1,785.60	$ 0.1240	14,400	$ 1,785.60	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 10,764.55**			**$ 10,695.84**	**-$ 68.71**	**-0.64%**
HST	13%		$ 1,399.39	13%		$ 1,390.46	-$ 8.93	-0.64%
Total Bill (including HST)			$ 12,163.94			$ 12,086.30	-$ 77.64	-0.64%
Ontario Clean Energy Benefit [1]			-$ 1,216.39			-$ 1,208.63	$ 7.76	-0.64%
Total Bill on TOU (including OCEB)			**$ 10,947.55**			**$ 10,877.67**	**-$ 69.88**	**-0.64%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**LARGE USE**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**2,800,000**	
If Billed on a kW basis:			
Demand	**kW**	**7350**	**38**
Load Factor		**52%**	

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 5,808.40	1	$ 5,808.40	$ 5,836.28	1	$ 5,836.28	$ 27.88	0.48%
Distribution Volumetric Rate	$ 1.3784	7,350	$ 10,131.24	$ 1.3850	7,350	$ 10,179.75	$ 48.51	0.48%
Fixed Rate Riders	$ 692.30	1	$ 692.30	$ 220.09	1	$ 220.09	-$ 472.21	-68.21%
Volumetric Rate Riders	0.0000	7,350	$ -	0.0068	7,350	$ 49.98	$ 49.98	
Sub-Total A (excluding pass through)			$ 16,631.94			$ 16,286.10	**-$ 345.84**	**-2.08%**
Line Losses on Cost of Power	$ 0.0839	96,600	$ 8,106.67	$ 0.0839	96,600	$ 8,106.67	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.2024	7,350	-$ 1,487.64	-0.3832	7,350	-$ 2,816.52	-$ 1,328.88	89.33%
Low Voltage Service Charge	$ 0.1437	7,350	$ 1,056.20	$ 0.1437	7,350	$ 1,056.20	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 24,307.17**			**$ 22,632.45**	**-$ 1,674.72**	**-6.89%**
RTSR - Network	$ 3.2216	7,350	$ 23,678.76	$ 3.1939	7,350	$ 23,475.17	-$ 203.59	-0.86%
RTSR - Connection and/or Line and Transformation Connection	$ 1.1183	7,350	$ 8,219.51	$ 1.1082	7,350	$ 8,145.27	-$ 74.24	-0.90%
Sub-Total C - Delivery (including Sub-Total B)			**$ 56,205.43**			**$ 54,252.88**	**-$ 1,952.55**	**-3.47%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	2,896,600	$ 12,745.04	$ 0.0044	2,896,600	$ 12,745.04	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	2,896,600	$ 3,475.92	$ 0.0012	2,896,600	$ 3,475.92	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	2,800,000	$ 19,600.00	$ 0.0070	2,800,000	$ 19,600.00	$ -	0.00%
TOU - Off Peak	$ 0.0670	1,792,000	$ 120,064.00	$ 0.0670	1,792,000	$ 120,064.00	$ -	0.00%
TOU - Mid Peak	$ 0.1040	504,000	$ 52,416.00	$ 0.1040	504,000	$ 52,416.00	$ -	0.00%
TOU - On Peak	$ 0.1240	504,000	$ 62,496.00	$ 0.1240	504,000	$ 62,496.00	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 327,002.64**			**$ 325,050.09**	**-$ 1,952.55**	**-0.60%**
HST	13%		$ 42,510.34	13%		$ 42,256.51	-$ 253.83	-0.60%
Total Bill (including HST)			$ 369,512.98			$ 367,306.60	-$ 2,206.38	-0.60%
Ontario Clean Energy Benefit [1]			-$ 36,951.30			-$ 36,730.66	$ 220.64	-0.60%
Total Bill on TOU (including OCEB)			**$ 332,561.68**			**$ 330,575.94**	**-$ 1,985.74**	**-0.60%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**UNMETERED SCATTERED LOAD**	
Loss Factor		**1.0345**
Consumption	**kWh**	**150**
If Billed on a kW basis:		
Demand	**kW**	**38**
Load Factor		

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 6.82	1	$ 6.82	$ 6.85	1	$ 6.85	$ 0.03	0.44%
Distribution Volumetric Rate	$ 0.0155	150	$ 2.33	$ 0.0156	150	$ 2.34	$ 0.01	0.65%
Fixed Rate Riders	-$ 0.23	1	-$ 0.23	$ 0.24	1	$ 0.24	$ 0.47	-204.35%
Volumetric Rate Riders	0.0000	150	$ -	0.0001	150	$ 0.02	$ 0.02	
Sub-Total A (excluding pass through)			$ 8.92			$ 9.45	**$ 0.53**	**5.95%**
Line Losses on Cost of Power	$ 0.0839	5	$ 0.43	$ 0.0839	5	$ 0.43	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.0023	150	-$ 0.35	-0.0028	150	-$ 0.42	-$ 0.08	21.74%
Low Voltage Service Charge	$ 0.0003	150	$ 0.05	$ 0.0003	150	$ 0.05	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9.05**			**$ 9.50**	**$ 0.46**	**5.03%**
RTSR - Network	$ 0.0067	155	$ 1.04	$ 0.0066	155	$ 1.02	-$ 0.02	-1.49%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0031	155	$ 0.48	$ 0.0031	155	$ 0.48	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			**$ 10.57**			**$ 11.01**	**$ 0.44**	**4.16%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	155	$ 0.68	$ 0.0044	155	$ 0.68	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	155	$ 0.19	$ 0.0012	155	$ 0.19	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	150	$ 1.05	$ 0.0070	150	$ 1.05	$ -	0.00%
TOU - Off Peak	$ 0.0670	96	$ 6.43	$ 0.0670	96	$ 6.43	$ -	0.00%
TOU - Mid Peak	$ 0.1040	27	$ 2.81	$ 0.1040	27	$ 2.81	$ -	0.00%
TOU - On Peak	$ 0.1240	27	$ 3.35	$ 0.1240	27	$ 3.35	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 25.33**			**$ 25.76**	**$ 0.44**	**1.74%**
HST	13%		$ 3.29	13%		$ 3.35	$ 0.06	1.74%
Total Bill (including HST)			$ 28.62			$ 29.11	$ 0.50	1.74%
Ontario Clean Energy Benefit [1]			-$ 2.86			-$ 2.91	-$ 0.05	1.75%
Total Bill on TOU (including OCEB)			**$ 25.76**			**$ 26.20**	**$ 0.45**	**1.73%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**SENTINEL LIGHTING**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**180**	
If Billed on a kW basis:			
Demand	**kW**	**1**	**38**
Load Factor		**25%**	

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 3.32	1	$ 3.32	$ 3.34	1	$ 3.34	$ 0.02	0.60%
Distribution Volumetric Rate	$ 7.8050	1	$ 7.81	$ 7.8425	1	$ 7.84	$ 0.04	0.48%
Fixed Rate Riders	$ 0.09	1	$ 0.09	$ 0.17	1	$ 0.17	$ 0.08	88.89%
Volumetric Rate Riders	0.0000	1	$ -	0.0679	1	$ 0.07	$ 0.07	
Sub-Total A (excluding pass through)			$ 11.22			$ 11.42	**$ 0.21**	**1.83%**
Line Losses on Cost of Power	$ 0.0839	6	$ 0.52	$ 0.0839	6	$ 0.52	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.8070	1	-$ 0.81	-1.0847	1	-$ 1.08	-$ 0.28	34.41%
Low Voltage Service Charge	$ 0.1031	1	$ 0.10	$ 0.1031	1	$ 0.10	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 11.03**			**$ 10.96**	**-$ 0.07**	**-0.66%**
RTSR - Network	$ 2.0984	1	$ 2.10	$ 2.0804	1	$ 2.08	-$ 0.02	-0.86%
RTSR - Connection and/or Line and Transformation Connection	$ 0.8024	1	$ 0.80	$ 0.7952	1	$ 0.80	-$ 0.01	-0.90%
Sub-Total C - Delivery (including Sub-Total B)			**$ 13.93**			**$ 13.83**	**-$ 0.10**	**-0.70%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	186	$ 0.82	$ 0.0044	186	$ 0.82	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	186	$ 0.22	$ 0.0012	186	$ 0.22	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	180	$ 1.26	$ 0.0070	180	$ 1.26	$ -	0.00%
TOU - Off Peak	$ 0.0670	115	$ 7.70	$ 0.0670	115	$ 7.70	$ -	0.00%
TOU - Mid Peak	$ 0.1040	32	$ 3.36	$ 0.1040	32	$ 3.36	$ -	0.00%
TOU - On Peak	$ 0.1240	32	$ 4.01	$ 0.1240	32	$ 4.01	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 31.54**			**$ 31.44**	**-$ 0.10**	**-0.31%**
HST	13%		$ 4.10	13%		$ 4.09	-$ 0.01	-0.31%
Total Bill (including HST)			$ 35.64			$ 35.53	-$ 0.11	-0.31%
Ontario Clean Energy Benefit [1]			-$ 3.56			-$ 3.55	$ 0.01	-0.28%
Total Bill on TOU (including OCEB)			**$ 32.08**			**$ 31.98**	**-$ 0.10**	**-0.31%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - York Region

Rate Class	**STREET LIGHTING**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**280**	
If Billed on a kW basis:			
Demand	**kW**	**1**	**38**
Load Factor		**38%**	

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 1.22	1	$ 1.22	$ 1.23	1	$ 1.23	$ 0.01	0.82%
Distribution Volumetric Rate	$ 6.4785	1	$ 6.48	$ 6.5096	1	$ 6.51	$ 0.03	0.48%
Fixed Rate Riders	$ 0.02	1	$ 0.02	$ 0.04	1	$ 0.04	$ 0.02	100.00%
Volumetric Rate Riders	0.0000	1	$ -	0.0563	1	$ 0.06	$ 0.06	
Sub-Total A (excluding pass through)			$ 7.72			$ 7.84	**$ 0.12**	**1.52%**
Line Losses on Cost of Power	$ 0.0839	10	$ 0.81	$ 0.0839	10	$ 0.81	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.6694	1	-$ 0.67	-0.9128	1	-$ 0.91	-$ 0.24	36.36%
Low Voltage Service Charge	$ 0.0917	1	$ 0.09	$ 0.0917	1	$ 0.09	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 7.95**			**$ 7.83**	**-$ 0.13**	**-1.58%**
RTSR - Network	$ 2.0650	1	$ 2.07	$ 2.0472	1	$ 2.05	-$ 0.02	-0.86%
RTSR - Connection and/or Line and Transformation Connection	$ 0.8836	1	$ 0.88	$ 0.8756	1	$ 0.88	-$ 0.01	-0.91%
Sub-Total C - Delivery (including Sub-Total B)			**$ 10.90**			**$ 10.75**	**-$ 0.15**	**-1.39%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	290	$ 1.28	$ 0.0044	290	$ 1.28	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	290	$ 0.35	$ 0.0012	290	$ 0.35	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	280	$ 1.96	$ 0.0070	280	$ 1.96	$ -	0.00%
TOU - Off Peak	$ 0.0670	179	$ 11.99	$ 0.0670	179	$ 11.99	$ -	0.00%
TOU - Mid Peak	$ 0.1040	51	$ 5.25	$ 0.1040	51	$ 5.25	$ -	0.00%
TOU - On Peak	$ 0.1240	51	$ 6.26	$ 0.1240	51	$ 6.26	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 38.25**			**$ 38.09**	**-$ 0.15**	**-0.40%**
HST	13%		$ 4.97	13%		$ 4.95	-$ 0.02	-0.40%
Total Bill (including HST)			$ 43.22			$ 43.05	-$ 0.17	-0.40%
Ontario Clean Energy Benefit [1]			-$ 4.32			-$ 4.30	$ 0.02	-0.46%
Total Bill on TOU (including OCEB)			**$ 38.90**			**$ 38.75**	**-$ 0.15**	**-0.39%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - Barrie and Simcoe County

Rate Class	**RESIDENTIAL**	
Loss Factor		**1.0345**
Consumption	**kWh**	**800**
If Billed on a kW basis:		
Demand	**kW**	**38**
Load Factor		

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 12.34	1	$ 12.34	$ 12.40	1	$ 12.40	$ 0.06	0.49%
Distribution Volumetric Rate	$ 0.0136	800	$ 10.88	$ 0.0137	800	$ 10.96	$ 0.08	0.74%
Fixed Rate Riders	$ 0.06	1	$ 0.06	$ 0.43	1	$ 0.43	$ 0.37	616.67%
Volumetric Rate Riders	0.0017	800	$ 1.36	0.0022	800	$ 1.76	$ 0.40	29.41%
Sub-Total A (excluding pass through)			$ 24.64			$ 25.55	**$ 0.91**	**3.69%**
Line Losses on Cost of Power	$ 0.0839	28	$ 2.32	$ 0.0839	28	$ 2.32	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.0015	800	-$ 1.20	-0.0020	800	-$ 1.60	-$ 0.40	33.33%
Low Voltage Service Charge	$ 0.0003	800	$ 0.24	$ 0.0003	800	$ 0.24	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 26.00**			**$ 26.51**	**$ 0.51**	**1.96%**
RTSR - Network	$ 0.0074	828	$ 6.13	$ 0.0073	828	$ 6.04	-$ 0.08	-1.35%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0032	828	$ 2.65	$ 0.0032	828	$ 2.65	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			**$ 34.77**			**$ 35.20**	**$ 0.43**	**1.23%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	828	$ 3.64	$ 0.0044	828	$ 3.64	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	828	$ 0.99	$ 0.0012	828	$ 0.99	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	800	$ 5.60	$ 0.0070	800	$ 5.60	$ -	0.00%
TOU - Off Peak	$ 0.0670	512	$ 34.30	$ 0.0670	512	$ 34.30	$ -	0.00%
TOU - Mid Peak	$ 0.1040	144	$ 14.98	$ 0.1040	144	$ 14.98	$ -	0.00%
TOU - On Peak	$ 0.1240	144	$ 17.86	$ 0.1240	144	$ 17.86	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 112.39**			**$ 112.82**	**$ 0.43**	**0.38%**
HST	13%		$ 14.61	13%		$ 14.67	$ 0.06	0.38%
Total Bill (including HST)			$ 127.00			$ 127.49	$ 0.48	0.38%
Ontario Clean Energy Benefit [1]			-$ 12.70			-$ 12.75	-$ 0.05	0.39%
Total Bill on TOU (including OCEB)			**$ 114.30**			**$ 114.74**	**$ 0.43**	**0.38%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism
Rate Model for 2014 Filers

PowerStream Inc. - Barrie and Simcoe County

Rate Class	**GENERAL SERVICE LESS THAN 50 KW**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**2,000**	
If Billed on a kW basis:			
Demand	**kW**		**38**
Load Factor			

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 25.39	1	$ 25.39	$ 25.51	1	$ 25.51	$ 0.12	0.47%
Distribution Volumetric Rate	$ 0.0135	2,000	$ 27.00	$ 0.0136	2,000	$ 27.20	$ 0.20	0.74%
Fixed Rate Riders	$ 0.41	1	$ 0.41	$ 1.11	1	$ 1.11	$ 0.70	170.73%
Volumetric Rate Riders	0.0022	2,000	$ 4.40	0.0030	2,000	$ 6.00	$ 1.60	36.36%
Sub-Total A (excluding pass through)			$ 57.20			$ 59.82	**$ 2.62**	**4.58%**
Line Losses on Cost of Power	$ 0.0839	69	$ 5.79	$ 0.0839	69	$ 5.79	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.0016	2,000	-$ 3.20	-0.0021	2,000	-$ 4.20	-$ 1.00	31.25%
Low Voltage Service Charge	$ 0.0003	2,000	$ 0.60	$ 0.0003	2,000	$ 0.60	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 60.39**			**$ 62.01**	**$ 1.62**	**2.68%**
RTSR - Network	$ 0.0067	2,069	$ 13.86	$ 0.0066	2,069	$ 13.66	-$ 0.21	-1.49%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0028	2,069	$ 5.79	$ 0.0028	2,069	$ 5.79	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			**$ 80.05**			**$ 81.46**	**$ 1.41**	**1.77%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	2,069	$ 9.10	$ 0.0044	2,069	$ 9.10	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	2,069	$ 2.48	$ 0.0012	2,069	$ 2.48	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	2,000	$ 14.00	$ 0.0070	2,000	$ 14.00	$ -	0.00%
TOU - Off Peak	$ 0.0670	1,280	$ 85.76	$ 0.0670	1,280	$ 85.76	$ -	0.00%
TOU - Mid Peak	$ 0.1040	360	$ 37.44	$ 0.1040	360	$ 37.44	$ -	0.00%
TOU - On Peak	$ 0.1240	360	$ 44.64	$ 0.1240	360	$ 44.64	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 273.72**			**$ 275.14**	**$ 1.41**	**0.52%**
HST	13%		$ 35.58	13%		$ 35.77	$ 0.18	0.52%
Total Bill (including HST)			$ 309.31			$ 310.90	$ 1.60	0.52%
Ontario Clean Energy Benefit [1]			-$ 30.93			-$ 31.09	-$ 0.16	0.52%
Total Bill on TOU (including OCEB)			**$ 278.38**			**$ 279.81**	**$ 1.44**	**0.52%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism Rate Model for 2014 Filers

PowerStream Inc. - Barrie and Simcoe County

Rate Class	**GENERAL SERVICE 50 TO 4,999 KW**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**80,000**	
If Billed on a kW basis:			
Demand	**kW**	**250**	**38**
Load Factor		**44%**	

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 134.81	1	$ 134.81	$ 135.46	1	$ 135.46	$ 0.65	0.48%
Distribution Volumetric Rate	$ 3.2397	250	$ 809.93	$ 3.2553	250	$ 813.83	$ 3.90	0.48%
Fixed Rate Riders	$ 7.71	1	$ 7.71	$ 12.50	1	$ 12.50	$ 4.79	62.13%
Volumetric Rate Riders	0.0000	250	$ -	0.0447	250	$ 11.18	$ 11.18	
Sub-Total A (excluding pass through)			$ 952.45			$ 972.96	**$ 20.52**	**2.15%**
Line Losses on Cost of Power	$ 0.0839	2,760	$ 231.62	$ 0.0839	2,760	$ 231.62	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.5902	250	-$ 147.55	-0.8585	250	-$ 214.63	-$ 67.08	45.46%
Low Voltage Service Charge	$ 0.1189	250	$ 29.73	$ 0.1189	250	$ 29.73	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 1,066.24**			**$ 1,019.68**	**-$ 46.56**	**-4.37%**
RTSR - Network	$ 5.5600	250	$ 1,390.00	$ 5.5100	250	$ 1,377.50	-$ 12.50	-0.90%
RTSR - Connection and/or Line and Transformation Connection	$ 2.2700	250	$ 567.50	$ 2.2496	250	$ 562.40	-$ 5.10	-0.90%
Sub-Total C - Delivery (including Sub-Total B)			**$ 3,023.74**			**$ 2,959.58**	**-$ 64.16**	**-2.12%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	82,760	$ 364.15	$ 0.0044	82,760	$ 364.15	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	82,760	$ 99.31	$ 0.0012	82,760	$ 99.31	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	80,000	$ 560.00	$ 0.0070	80,000	$ 560.00	$ -	0.00%
TOU - Off Peak	$ 0.0670	51,200	$ 3,430.40	$ 0.0670	51,200	$ 3,430.40	$ -	0.00%
TOU - Mid Peak	$ 0.1040	14,400	$ 1,497.60	$ 0.1040	14,400	$ 1,497.60	$ -	0.00%
TOU - On Peak	$ 0.1240	14,400	$ 1,785.60	$ 0.1240	14,400	$ 1,785.60	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 10,761.05**			**$ 10,696.89**	**-$ 64.16**	**-0.60%**
HST	13%		$ 1,398.94	13%		$ 1,390.60	-$ 8.34	-0.60%
Total Bill (including HST)			$ 12,159.99			$ 12,087.49	-$ 72.50	-0.60%
Ontario Clean Energy Benefit [1]			-$ 1,216.00			-$ 1,208.75	$ 7.25	-0.60%
Total Bill on TOU (including OCEB)			**$ 10,943.99**			**$ 10,878.74**	**-$ 65.25**	**-0.60%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism Rate Model for 2014 Filers

PowerStream Inc. - Barrie and Simcoe County

Rate Class	**LARGE USE**			
Loss Factor		**1.0345**		
Consumption	**kWh**	**2,800,000**		
If Billed on a kW basis:				
Demand	**kW**	**7350**	**38**	
Load Factor		**52%**		

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 5,808.40	1	$ 5,808.40	$ 5,836.28	1	$ 5,836.28	$ 27.88	0.48%
Distribution Volumetric Rate	$ 1.3784	7,350	$ 10,131.24	$ 1.3850	7,350	$ 10,179.75	$ 48.51	0.48%
Fixed Rate Riders	$ 692.30	1	$ 692.30	$ 220.09	1	$ 220.09	-$ 472.21	-68.21%
Volumetric Rate Riders	0.0000	7,350	$ -	0.0068	7,350	$ 49.98	$ 49.98	
Sub-Total A (excluding pass through)			$ 16,631.94			$ 16,286.10	**-$ 345.84**	**-2.08%**
Line Losses on Cost of Power	$ 0.0839	96,600	$ 8,106.67	$ 0.0839	96,600	$ 8,106.67	$ -	0.00%
Total Deferral/Variance Account Rate Riders	0.0000	7,350	$ -	-0.1808	7,350	-$ 1,328.88	-$ 1,328.88	
Low Voltage Service Charge	$ 0.1437	7,350	$ 1,056.20	$ 0.1437	7,350	$ 1,056.20	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 25,794.81**			**$ 24,120.09**	**-$ 1,674.72**	**-6.49%**
RTSR - Network	$ 3.2216	7,350	$ 23,678.76	$ 3.1939	7,350	$ 23,475.17	-$ 203.59	-0.86%
RTSR - Connection and/or Line and Transformation Connection	$ 1.1183	7,350	$ 8,219.51	$ 1.1082	7,350	$ 8,145.27	-$ 74.24	-0.90%
Sub-Total C - Delivery (including Sub-Total B)			**$ 57,693.07**			**$ 55,740.52**	**-$ 1,952.55**	**-3.38%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	2,896,600	$ 12,745.04	$ 0.0044	2,896,600	$ 12,745.04	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	2,896,600	$ 3,475.92	$ 0.0012	2,896,600	$ 3,475.92	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	2,800,000	$ 19,600.00	$ 0.0070	2,800,000	$ 19,600.00	$ -	0.00%
TOU - Off Peak	$ 0.0670	1,792,000	$ 120,064.00	$ 0.0670	1,792,000	$ 120,064.00	$ -	0.00%
TOU - Mid Peak	$ 0.1040	504,000	$ 52,416.00	$ 0.1040	504,000	$ 52,416.00	$ -	0.00%
TOU - On Peak	$ 0.1240	504,000	$ 62,496.00	$ 0.1240	504,000	$ 62,496.00	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 328,490.28**			**$ 326,537.73**	**-$ 1,952.55**	**-0.59%**
HST	13%		$ 42,703.74	13%		$ 42,449.90	-$ 253.83	-0.59%
Total Bill (including HST)			$ 371,194.01			$ 368,987.63	-$ 2,206.38	-0.59%
Ontario Clean Energy Benefit [1]			-$ 37,119.40			-$ 36,898.76	$ 220.64	-0.59%
Total Bill on TOU (including OCEB)			**$ 334,074.61**			**$ 332,088.87**	**-$ 1,985.74**	**-0.59%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism Rate Model for 2014 Filers

PowerStream Inc. - Barrie and Simcoe County

Rate Class	**UNMETERED SCATTERED LOAD**	
Loss Factor		**1.0345**
Consumption	**kWh**	**150**
If Billed on a kW basis:		
Demand	**kW**	**38**
Load Factor		

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 6.82	1	$ 6.82	$ 6.85	1	$ 6.85	$ 0.03	0.44%
Distribution Volumetric Rate	$ 0.0155	150	$ 2.33	$ 0.0156	150	$ 2.34	$ 0.01	0.65%
Fixed Rate Riders	-$ 0.23	1	-$ 0.23	$ 0.24	1	$ 0.24	$ 0.47	-204.35%
Volumetric Rate Riders	0.0000	150	$ -	0.0001	150	$ 0.02	$ 0.02	
Sub-Total A (excluding pass through)			$ 8.92			$ 9.45	**$ 0.53**	**5.95%**
Line Losses on Cost of Power	$ 0.0839	5	$ 0.43	$ 0.0839	5	$ 0.43	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.0015	150	-$ 0.23	-0.0020	150	-$ 0.30	-$ 0.08	33.33%
Low Voltage Service Charge	$ 0.0003	150	$ 0.05	$ 0.0003	150	$ 0.05	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9.17**			**$ 9.62**	**$ 0.46**	**4.96%**
RTSR - Network	$ 0.0067	155	$ 1.04	$ 0.0066	155	$ 1.02	-$ 0.02	-1.49%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0031	155	$ 0.48	$ 0.0031	155	$ 0.48	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			**$ 10.69**			**$ 11.13**	**$ 0.44**	**4.11%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	155	$ 0.68	$ 0.0044	155	$ 0.68	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	155	$ 0.19	$ 0.0012	155	$ 0.19	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	150	$ 1.05	$ 0.0070	150	$ 1.05	$ -	0.00%
TOU - Off Peak	$ 0.0670	96	$ 6.43	$ 0.0670	96	$ 6.43	$ -	0.00%
TOU - Mid Peak	$ 0.1040	27	$ 2.81	$ 0.1040	27	$ 2.81	$ -	0.00%
TOU - On Peak	$ 0.1240	27	$ 3.35	$ 0.1240	27	$ 3.35	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 25.45**			**$ 25.88**	**$ 0.44**	**1.73%**
HST	13%		$ 3.31	13%		$ 3.37	$ 0.06	1.73%
Total Bill (including HST)			$ 28.75			$ 29.25	$ 0.50	1.73%
Ontario Clean Energy Benefit [1]			-$ 2.88			-$ 2.92	-$ 0.04	1.39%
Total Bill on TOU (including OCEB)			**$ 25.87**			**$ 26.33**	**$ 0.46**	**1.76%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Mechanism Rate Model for 2014 Filers

PowerStream Inc. - Barrie and Simcoe County

Rate Class	**STREET LIGHTING**		
Loss Factor		**1.0345**	
Consumption	**kWh**	**280**	
If Billed on a kW basis:			
Demand	**kW**	**1**	**38**
Load Factor		**38%**	

	Current Board-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 1.22	1	$ 1.22	$ 1.23	1	$ 1.23	$ 0.01	0.82%
Distribution Volumetric Rate	$ 6.4785	1	$ 6.48	$ 6.5096	1	$ 6.51	$ 0.03	0.48%
Fixed Rate Riders	$ 0.02	1	$ 0.02	$ 0.04	1	$ 0.04	$ 0.02	100.00%
Volumetric Rate Riders	0.0000	1	$ -	0.0563	1	$ 0.06	$ 0.06	
Sub-Total A (excluding pass through)			$ 7.72			$ 7.84	**$ 0.12**	**1.52%**
Line Losses on Cost of Power	$ 0.0839	10	$ 0.81	$ 0.0839	10	$ 0.81	$ -	0.00%
Total Deferral/Variance Account Rate Riders	-0.4715	1	-$ 0.47	-0.7149	1	-$ 0.71	-$ 0.24	51.62%
Low Voltage Service Charge	$ 0.0917	1	$ 0.09	$ 0.0917	1	$ 0.09	$ -	0.00%
Smart Meter Entity Charge		1	$ -		1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 8.15**			**$ 8.02**	**-$ 0.13**	**-1.55%**
RTSR - Network	$ 2.0650	1	$ 2.07	$ 2.0472	1	$ 2.05	-$ 0.02	-0.86%
RTSR - Connection and/or Line and Transformation Connection	$ 0.8836	1	$ 0.88	$ 0.8756	1	$ 0.88	-$ 0.01	-0.91%
Sub-Total C - Delivery (including Sub-Total B)			**$ 11.10**			**$ 10.95**	**-$ 0.15**	**-1.37%**
Wholesale Market Service Charge (WMSC)	$ 0.0044	290	$ 1.28	$ 0.0044	290	$ 1.28	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0012	290	$ 0.35	$ 0.0012	290	$ 0.35	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	280	$ 1.96	$ 0.0070	280	$ 1.96	$ -	0.00%
TOU - Off Peak	$ 0.0670	179	$ 12.02	$ 0.0670	179	$ 12.02	$ -	0.00%
TOU - Mid Peak	$ 0.1040	50	$ 5.25	$ 0.1040	50	$ 5.25	$ -	0.00%
TOU - On Peak	$ 0.1240	50	$ 6.26	$ 0.1240	50	$ 6.26	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 38.46**			**$ 38.30**	**-$ 0.15**	**-0.39%**
HST	13%		$ 5.00	13%		$ 4.98	-$ 0.02	-0.39%
Total Bill (including HST)			$ 43.45			$ 43.28	-$ 0.17	-0.39%
Ontario Clean Energy Benefit [1]			-$ 4.35			-$ 4.33	$ 0.02	-0.46%
Total Bill on TOU (including OCEB)			**$ 39.10**			**$ 38.95**	**-$ 0.15**	**-0.39%**

Note: For distributors who have a majority of customers on Tiered pricing, please provide a separate bill impact for such customers.

Incentive Regulation Model for 2014 Filers

Version 2.3

Utility Name	PowerStream Inc.
Service Territory	*York Region*
Assigned EB Number	ED-2004-0420
Name of Contact and Title	Tom Barrett, Manager, Rate Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca
We are applying for rates effective	Wednesday, January 01, 2014
Rate-Setting Method	**IRM 4**
Please indicate in which Rate Year the Group 1 accounts were last cleared[1]	**2013**

Notes

Pale green cells represent input cells.

Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.

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

Note:
1. Rate year of application

Incentive Regulation Model for 2014 Filers

PowerStream Inc. - York Region

1. Information Sheet
2. Table of Contents
3. Rate Class Selection
4. Current Tariff Schedule
5. 2014 Continuity Schedule
6. Billing Det. for Def-Var
7. Cost Allocation for Def-Var
8. Calculation of Def-Var RR
9. Rev2Cost_GDPIPI
10. Other Charges & LF
11. Proposed Rates
12. Summary Sheet
13. Final Tariff Schedule
14. Bill Impacts

Incentive Regulation Model for 2014 Filers

PowerStream Inc. - York Region

Select the appropriate rate classes as they appear on your most recent Board-Approved Tariff of Rates and Charges, including the MicroFit Class.

How many classes are listed on your most recent Board-Approved Tariff of Rates and Charges? 9

Select Your Rate Classes from the **Blue Cells** below. Please ensure that a rate class is assigned to **each shaded cell.**

	Rate Class Classification
1	RESIDENTIAL
2	GENERAL SERVICE LESS THAN 50 KW
3	GENERAL SERVICE 50 TO 4,999 KW
4	LARGE USE
5	STANDBY POWER
6	UNMETERED SCATTERED LOAD
7	SENTINEL LIGHTING
8	STREET LIGHTING
9	microFIT

Incentive Regulation Model for 2014 Filers

PowerStream Inc. - York Region

For each class, Applicants are required to copy and paste the class descriptions (located directly under the class name) and the description of the applicability of those rates (description is found under the class name and directly under the word "APPLICATION"). By using the drop-down lists located under the column labeled "Rate Description", please select the descriptions of the rates and charges that **BEST MATCHES** the descriptions on your most recent Board-Approved Tariff of Rates and Charges. If the description is not found in the drop-down list, please enter the description in the green cells under the correct class exactly as it appears on the tariff. Please do not enter more than one "Service Charge" for each class for which a base monthly fixed charge applies.

PowerStream Inc.
TARIFF OF RATES AND CHARGES

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component	**(If applicable, Effective Date MUST be included in rate description)**	
Service Charge	$	12.34
Distribution Volumetric Rate	$/kWh	0.0136
Low Voltage Service Rate	$/kWh	0.0003
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.0014
Retail Transmission Rate - Network Service Rate	$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0032

Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.20
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.14)
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0019)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge	$	25.39
Distribution Volumetric Rate	$/kWh	0.0135
Low Voltage Service Rate	$/kWh	0.0003
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.0017
Retail Transmission Rate - Network Service Rate	$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0028

Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.55
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.14)
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0018)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.2500

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, both regular and interval metered. 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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge	$	134.81
Distribution Volumetric Rate	$/kW	3.2397
Low Voltage Service Rate	$/kW	0.1189
Retail Transmission Rate - Network Service Rate	$/kW	2.7151
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.0903
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8462
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.1797
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	6.99
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	0.72

Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.5780)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.2500

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.

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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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge	$	5,808.40
Distribution Volumetric Rate	$/kW	1.3784
Low Voltage Service Rate	$/kW	0.1437
Retail Transmission Rate - Network Service Rate	$/kW	3.2216
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.1183

Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	104.59
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	587.71
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.2042)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.2500

STANDBY POWER 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.6854

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	
Rural Rate Protection Charge	$/kWh	
Standard Supply Service - Administrative Charge (if applicable)	$	

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge (per connection)	$	6.82
Distribution Volumetric Rate	$/kWh	0.0155
Low Voltage Service Rate	$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0031

Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.11
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.34)
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.0023)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.2500

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge (per connection)	$	3.32
Distribution Volumetric Rate	$/kW	7.8050
Low Voltage Service Rate	$/kW	0.1031
Retail Transmission Rate - Network Service Rate	$/kW	2.0984
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.8024

Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.09
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.8088)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.2500

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge (per connection)	$	1.22

Distribution Volumetric Rate	$/kW	6.4785
Low Voltage Service Rate	$/kW	0.0917
Retail Transmission Rate - Network Service Rate	$/kW	2.0650
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.8836
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.02
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.6712)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.2500

microFIT Service Classification

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. 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.

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MONTHLY RATES AND CHARGES - Delivery Component **(If applicable, Effective Date MUST be included in rate description)**

Service Charge	$	5.40

Account Descriptions	Account Number	2009		2010								
		Closing Principal Balance as of Dec-31-09	Closing Interest Amounts as of Dec-31-09	Opening Principal Amounts as of Jan-1-10	Transactions Debit / (Credit) during 2010 excluding interest and adjustments [2]	Board-Approved Disposition during 2010	Adjustments during 2010 - other [1]	Closing Principal Balance as of Dec-31-10	Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	Board-Approved Disposition during 2010	Adjustments during 2010 - other [2]
Group 1 Accounts												
LV Variance Account	1550			0				0	0			
RSVA - Wholesale Market Service Charge	1580			0				0	0			
RSVA - Retail Transmission Network Charge	1584			0				0	0			
RSVA - Retail Transmission Connection Charge	1586			0				0	0			
RSVA - Power (excluding Global Adjustment)	1588			0				0	0			
RSVA - Global Adjustment	1589			0				0	0			
Recovery of Regulatory Asset Balances	1590			0				0	0			
Disposition and Recovery/Refund of Regulatory Balances (2008)[5]	1595			0				0				
Disposition and Recovery/Refund of Regulatory Balances (2009)[5]	1595			0				0	0			
Disposition and Recovery/Refund of Regulatory Balances (2010)[5]	1595			0				0	0			
Disposition and Recovery/Refund of Regulatory Balances (2011)[5]	1595			0				0	0			
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		0	0	0	0	0	0	0	0	0	0	0
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		0	0	0	0	0	0	0	0	0	0	0
RSVA - Global Adjustment	**1589**	0	0	0	0	0	0	0	0	0	0	0
Deferred Payments in Lieu of Taxes	1562			0				0	0			
Total of Group 1 and Account 1562		0	0	0	0	0	0	0	0	0	0	0
Special Purpose Charge Assessment Variance Account[4]	**1521**											
LRAM Variance Account[6]	**1568**							0				
Total including Accounts 1562 and 1568		0	0	0	0	0	0	0	0	0	0	0

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related Board decision.

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
If the LDC's 2013 rate year begins January 1, 2014, the projected interest is recorded from January 1, 2013 to December 31, 2013 on the December 31, 2012 balance adjusted for the disposed balances approved by the Board in the 2013 rate decision. If the LDC's 2014 rate year begins May 1, 2014 the projected interest is recorded from January 1, 2013 to April 30, 2014 on the December 31, 2012 balance adjusted for the disposed balances approved by the Board in the 2013 rate decision.

Applicants that did not have the balance in Account 1521 cleared by the Board in the 2012 rate proceedings are expected to file to dispose of Account 1521 in the 2013 rate proceedings. No Account 1521 balance is to be filed for clearance in the 2013 rate proceedings for those distributors that had account 1521 cleared by the Board in the 2012 rate proceedings.

In accordance with section 8 of the Special Purpose Charge ("SPC") Regulation, Ontario Regulation 66/10, distributors were required to apply to the Board no later than April 15, 2012 for an order authorizing the distributor to clear the balance in Account 1521. As per the Board's April 23, 2010 letter, the Board stated that it expected that requests for disposition of the balance in Account 1521 were to be addressed as part of the proceedings to set rates for the 2012 rate year, except in cases where this approach would result in non-compliance with the timeline set out in section 8 of the SPC Regulation.

Include Account 1595 as part of Group 1 accounts (lines 31, 32, 33 and 34) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Account Descriptions	Account Number	Closing Interest Amounts as of Dec-31-10	2011 Opening Principal Amounts as of Jan-1-11	Transactions Debit / (Credit) during 2011 excluding interest and adjustments [2]	Board-Approved Disposition during 2011	Adjustments during 2011 - other [1]	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	Board-Approved Disposition during 2011	Adjustments during 2011 - other [2]	Closing Interest Amounts as of Dec-31-11
Group 1 Accounts												
LV Variance Account	1550	0	0				(680,807)	0				(25,273)
RSVA - Wholesale Market Service Charge	1580	0	0				(22,160,709)	0				(453,592)
RSVA - Retail Transmission Network Charge	1584	0	0				2,673,296	0				(116,407)
RSVA - Retail Transmission Connection Charge	1586	0	0				(3,227,883)	0				(156,955)
RSVA - Power (excluding Global Adjustment)	1588	0	0				2,102,289	0				400,055
RSVA - Global Adjustment	1589	0	0				17,526,365	0				668,802
Recovery of Regulatory Asset Balances	1590	0	0				(1,042)	0				3,222
Disposition and Recovery/Refund of Regulatory Balances (2008)[5]	1595	0	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009)[5]	1595	0	0				2,233,467	0				(1,943,690)
Disposition and Recovery/Refund of Regulatory Balances (2010)[5]	1595	0	0					0				
Disposition and Recovery/Refund of Regulatory Balances (2011)[5]	1595	0	0				0	0				0
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		0	0	0	0	0	(1,535,025)	0	0	0	0	(1,623,836)
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		0	0	0	0	0	(19,061,389)	0	0	0	0	(2,292,639)
RSVA - Global Adjustment	**1589**	0	0	0	0	0	17,526,365	0	0	0	0	668,802
Deferred Payments in Lieu of Taxes	1562	0	0				(4,512,549)	0				(79,075)
Total of Group 1 and Account 1562		0	0	0	0	0	(6,047,573)	0	0	0	0	(1,702,911)
Special Purpose Charge Assessment Variance Account[4]	**1521**						(24,855)					10,879
LRAM Variance Account[6]	**1568**	0					0					0
Total including Accounts 1562 and 1568		0	0	0	0	0	(6,047,573)	0	0	0	0	(1,702,911)

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Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
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In accordance with section 8 of the Special Purpose Charge ("SPC") Regulation, Ontario Regulation 66/10, distributors were required to apply to the Board no later than April 15, 2012 for an order authorizing the distributor to clear the balance in Account 1521. As per the Board's April 23, 2010 letter, the Board stated that it expected that requests for disposition of the balance in Account 1521 were to be addressed as part of the proceedings to set rates for the 2012 rate year, except in cases where this approach would result in non-compliance with the timeline set out in section 8 of the SPC Regulation.

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Account Descriptions	Account Number	2012										
		Opening Principal Amounts as of Jan-1-12	Transactions Debit / (Credit) during 2012 excluding interest and adjustments 2	Board-Approved Disposition during 2012	Other 1 Adjustments during Q1 2012	Other 1 Adjustments during Q2 2012	Other 1 Adjustments during Q3 2012	Other 1 Adjustments during Q4 2012	Closing Principal Balance as of Dec-31-12	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	Board-Approved Disposition during 2012
Group 1 Accounts												
LV Variance Account	1550	(680,807)	477,919	(680,807)					477,919	(25,273)	(7,005)	(35,310)
RSVA - Wholesale Market Service Charge	1580	(22,160,709)	(10,646,313)	(22,160,709)					(10,646,313)	(453,592)	(411,074)	(780,247)
RSVA - Retail Transmission Network Charge	1584	2,673,296	1,005,953	2,673,296					1,005,953	(116,407)	62,777	(77,003)
RSVA - Retail Transmission Connection Charge	1586	(3,227,883)	(588,231)	(3,227,884)					(588,230)	(156,955)	(52,540)	(204,532)
RSVA - Power (excluding Global Adjustment)	1588	2,102,289	877,101	2,102,302					877,088	400,055	8,778	431,043
RSVA - Global Adjustment	1589	17,526,365	(1,664,568)	17,526,364					(1,664,568)	668,802	259,570	927,145
Recovery of Regulatory Asset Balances	1590	(1,042)	(15)	(1,042)					(15)	3,222	0	3,208
Disposition and Recovery/Refund of Regulatory Balances (2008)[5]	1595	0							0	0		
Disposition and Recovery/Refund of Regulatory Balances (2009)[5]	1595	2,233,467	(2,229,567)						3,900	(1,943,690)	1,905,389	
Disposition and Recovery/Refund of Regulatory Balances (2010)[5]	1595	0							0	0		
Disposition and Recovery/Refund of Regulatory Balances (2011)[5]	1595	0	389,093	7,085,723					(6,696,630)	0	(5,438)	1,842,104
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		(1,535,025)	(12,378,628)	3,317,243	0	0	0	0	(17,230,896)	(1,623,836)	1,760,458	2,106,408
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		(19,061,389)	(10,714,060)	(14,209,121)	0	0	0	0	(15,566,328)	(2,292,639)	1,500,888	1,179,263
RSVA - Global Adjustment	**1589**	17,526,365	(1,664,568)	17,526,364	0	0	0	0	(1,664,568)	668,802	259,570	927,145
Deferred Payments in Lieu of Taxes	1562	(4,512,549)	721,235	(3,791,314)					0	(79,075)	(214,178)	(293,252)
Total of Group 1 and Account 1562		(6,047,573)	(11,657,393)	(474,071)	0	0	0	0	(17,230,896)	(1,702,911)	1,546,280	1,813,156
Special Purpose Charge Assessment Variance Account[4]	**1521**	(24,855)	24,855	0							(10,879)	0
LRAM Variance Account[6]	**1568**	0	716,910	0					0	0	0	
Total including Accounts 1562 and 1568		(6,047,573)	(10,940,483)	(474,071)	0	0	0	0	(17,230,896)	(1,702,911)	1,546,280	1,813,156

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Account Descriptions	Account Number	Adjustments during 2012 - other 1	Closing Interest Amounts as of Dec-31-12	2013 Principal Disposition during 2013 - instructed by Board	2013 Interest Disposition during 2013 - instructed by Board	2013 Closing Principal Balances as of Dec 31-12 Adjusted for Dispositions during 2013	2013 Closing Interest Balances as of Dec 31-12 Adjusted for Dispositions during 2013
Group 1 Accounts							
LV Variance Account	1550		3,032			477,919	3,032
RSVA - Wholesale Market Service Charge	1580		(84,418)			(10,646,313)	(84,418)
RSVA - Retail Transmission Network Charge	1584		23,373			1,005,953	23,373
RSVA - Retail Transmission Connection Charge	1586		(4,963)			(588,230)	(4,963)
RSVA - Power (excluding Global Adjustment)	1588		(22,210)			877,088	(22,210)
RSVA - Global Adjustment	1589		1,227			(1,664,568)	1,227
Recovery of Regulatory Asset Balances	1590		14			(15)	14
Disposition and Recovery/Refund of Regulatory Balances (2008)[5]	1595		0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)[5]	1595		(38,301)			3,900	(38,301)
Disposition and Recovery/Refund of Regulatory Balances (2010)[5]	1595		0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)[5]	1595		(1,847,542)	(6,682,623)	(1,847,404)	(14,007)	(138)
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		0	(1,969,787)	(6,682,623)	(1,847,404)	(10,548,273)	(122,383)
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		0	(1,971,014)	(6,682,623)	(1,847,404)	(8,883,705)	(123,610)
RSVA - Global Adjustment	**1589**	0	1,227	0	0	(1,664,568)	1,227
Deferred Payments in Lieu of Taxes	1562		(0)			0	(0)
Total of Group 1 and Account 1562		0	(1,969,787)	(6,682,623)	(1,847,404)	(10,548,273)	(122,383)
Special Purpose Charge Assessment Variance Account[4]	**1521**		0				
LRAM Variance Account[6]	**1568**		0			0	0
Total including Accounts 1562 and 1568		0	(1,969,787)	(6,682,623)	(1,847,404)	(10,548,273)	(122,383)

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Account Descriptions	Account Number	Projected Interest on Dec-31-12 Balances: Projected Interest from Jan 1, 2013 to December 31, 2013 on Dec 31 -12 balance adjusted for disposition during 2013 [3]	Projected Interest on Dec-31-12 Balances: Projected Interest from January 1, 2013 to April 30, 2013 on Dec 31 - 12 balance adjusted for disposition during 2013 [3]	Projected Interest on Dec-31-12 Balances: Total Claim	2.1.7 RRR: As of Dec 31-12	Variance RRR vs. 2012 Balance *(Principal + Interest)*
Group 1 Accounts						
LV Variance Account	1550	7,025		487,976	480,951	(0)
RSVA - Wholesale Market Service Charge	1580	(156,501)		(10,887,232)	(10,730,731)	0
RSVA - Retail Transmission Network Charge	1584	14,788		1,044,114	1,029,326	0
RSVA - Retail Transmission Connection Charge	1586	(8,647)		(601,839)	(593,192)	0
RSVA - Power (excluding Global Adjustment)	1588	12,893		867,771	854,878	(0)
RSVA - Global Adjustment	1589	(24,469)		(1,687,810)	(1,663,341)	0
Recovery of Regulatory Asset Balances	1590	(0)		(1)	(1)	(1)
Disposition and Recovery/Refund of Regulatory Balances (2008)[5]	1595	0		0		0
Disposition and Recovery/Refund of Regulatory Balances (2009)[5]	1595	57		(34,344)		34,401
Disposition and Recovery/Refund of Regulatory Balances (2010)[5]	1595	0		0		0
Disposition and Recovery/Refund of Regulatory Balances (2011)[5]	1595	(103)		(14,248)	(8,578,573)	(34,401)
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		(154,957)	0	(10,825,612)	(19,200,683)	(1)
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		(130,488)	0	(9,137,803)	(17,537,343)	(1)
RSVA - Global Adjustment	**1589**	(24,469)	0	(1,687,810)	(1,663,341)	0
Deferred Payments in Lieu of Taxes	1562	0	(0)	0	0	(0)
						0
Total of Group 1 and Account 1562		(154,957)	(0)	(10,825,612)	(19,200,683)	(1)
Special Purpose Charge Assessment Variance Account[4]	**1521**			0	0	
LRAM Variance Account[6]	**1568**			0	0	0
Total including Accounts 1562 and 1568		(154,957)	(0)	(10,825,612)	(19,200,683)	(1)

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related Board decision.

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In the green shaded cells, enter the most recent Board Approved volumetric forecast. If there is a material difference between the latest Board-approved volumetric forecast and the most recent 12-month actual volumetric data, use the most recent 12-month actual data. Do not enter data for the MicroFit class.

Rate Class	Unit	Metered kWh	Metered kW	Billed kWh for Non-RPP Customers	Estimated kW for Non-RPP Customers	Distribution Revenue [1]	1590 Recovery Share Proportion*	1595 Recovery Share Proportion (2008) [2]	1595 Recovery Share Proportion (2009) [2]	1595 Recovery Share Proportion (2010) [2]	1595 Recovery Share Proportion (2011) [2]	1568 LRAM Variance Account Class Allocation ($ amounts)
RESIDENTIAL	$/kWh	2,732,090,682		234,304,888	0	82,880,697			27.70%	27.70%	27.70%	
GENERAL SERVICE LESS THAN 50 KW	$/kWh	1,051,489,461		174,257,093	0	23,667,311			11.15%	11.15%	11.15%	
GENERAL SERVICE 50 TO 4,999 KW	$/kW	4,560,475,622	12,149,352	4,330,537,512	11,536,785	44,578,212			59.72%	59.72%	59.72%	
LARGE USE	$/kW	63,129,774	188,221		0	286,079			0.84%	0.84%	0.84%	
STANDBY POWER	$/kW				0							
UNMETERED SCATTERED LOAD	$/kWh	12,938,386		948,650	0	430,380			-0.06%	-0.06%	-0.06%	
SENTINEL LIGHTING	$/kW	474,523	1,242	61,772	162	14,476			0.03%	0.03%	0.03%	
STREET LIGHTING	$/kW	60,349,776	177,059	62,187,289	182,450	2,367,618			0.62%	0.62%	0.62%	
microFIT												
Total		**8,480,948,224**	**12,515,874**	**4,802,297,204**	**11,719,396**	**154,224,772**	**0.00%**	**0.00%**	**100.00%**	**100.00%**	**100.00%**	**0**
											Balance as per Sheet 5	0
											Variance	0

Threshold Test

Total Claim (including Account 1521, 1562 and 1568)	($10,825,612)
Total Claim for Threshold Test (All Group 1 Accounts)	($10,825,612)
Threshold Test (Total claim per kWh) [3]	(0.0013)

[1] For Account 1562, the allocation to customer classes should be performed on the basis of the test year distribution revenue allocation to customer classes found in the Applicant's Cost of Service application that was most recently approved at the time of disposition of the 1562 account balances

[2] Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

[3] The Threshold Test does not include the amount in 1521, 1562 nor 1568.

No input required. This workshseet allocates the deferral/variance account balances (Group 1, 1521, 1588 GA, 1562 and 1568) to the appropriate classes as per the EDDVAR Report dated July 31, 2009

Allocation of Group 1 Accounts (including Accounts 1521, 1562, 1568)

Rate Class	% of Total kWh	% of Total non-RPP kWh	% of Total Distribution Revenue	1550	1580	1584	1586	1588*	1588 GA	1590	1595 (2008)	1595 (2009)	1595 (2010)	1595 (2011)	1562	1568
RESIDENTIAL	32.2%	4.9%	53.7%	157,199	(3,507,262)	336,355	(193,879)	279,548	(82,349)	0	0	(9,513)	0	(3,947)	0	0
GENERAL SERVICE LESS THAN 50 KW	12.4%	3.6%	15.3%	60,501	(1,349,827)	129,452	(74,618)	107,588	(61,244)	0	0	(3,829)	0	(1,589)	0	0
GENERAL SERVICE 50 TO 4,999 KW	53.8%	90.2%	28.9%	262,400	(5,854,411)	561,453	(323,628)	466,628	(1,522,006)	0	0	(20,510)	0	(8,509)	0	0
LARGE USE	0.7%	0.0%	0.2%	3,632	(81,041)	7,772	(4,480)	6,459	0	0	0	(288)	0	(120)	0	0
STANDBY POWER	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	0	0	0	0	0	0
UNMETERED SCATTERED LOAD	0.2%	0.0%	0.3%	744	(16,609)	1,593	(918)	1,324	(333)	0	0	21	0	9	0	0
SENTINEL LIGHTING	0.0%	0.0%	0.0%	27	(609)	58	(34)	49	(22)	0	0	(10)	0	(4)	0	0
STREET LIGHTING	0.7%	1.3%	1.5%	3,472	(77,473)	7,430	(4,283)	6,175	(21,856)	0	0	(213)	0	(88)	0	0
microFIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**100.0%**	**100.0%**	**100.0%**	**487,976**	**(10,887,232)**	**1,044,114**	**(601,839)**	**867,771**	**(1,687,810)**	**0**	**0**	**(34,344)**	**0**	**(14,248)**	**0**	**0**

** RSVA - Power (Excluding Global Adjustment)*

3RD Generation Incentive Regulation Model for 2013 Filers

PowerStream Inc. - York Region

Input required at cell C15 only. This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and associated rate riders for the global adjustment sub-account. Rate Riders will not be generated for the MicroFit class.

Please indicate the Rate Rider Recovery Period (in years) 2

Rate Class	Unit	Billed kWh	Billed kW	Balance of Accounts Allocated by kWh/kW (RPP) or Distribution	Deferral/Variance Account Rate Rider	Allocation of Balance in Account 1588 Global	Billed kWh or Estimated kW for Non-RPP	Global Adjustment Rate Rider
RESIDENTIAL	$/kWh	2,732,090,682		(2,941,499)	(0.0005)	(82,349)	234,304,888	(0.0002)
GENERAL SERVICE LESS THAN 50 KW	$/kWh	1,051,489,461		(1,132,321)	(0.0005)	(61,244)	174,257,093	(0.0002)
GENERAL SERVICE 50 TO 4,999 KW	$/kW	4,560,475,622	12,149,352	(4,916,576)	(0.2023)	(1,522,006)	11,536,785	(0.0660)
LARGE USE	$/kW	63,129,774	188,221	(68,066)	(0.1808)	0	0	0.0000
STANDBY POWER	$/kW			0	0.0000	0	0	0.0000
UNMETERED SCATTERED LOAD	$/kWh	12,938,386		(13,837)	(0.0005)	(333)	948,650	(0.0002)
SENTINEL LIGHTING	$/kW	474,523	1,242	(523)	(0.2106)	(22)	162	(0.0671)
STREET LIGHTING	$/kW	60,349,776	177,059	(64,979)	(0.1835)	(21,856)	182,450	(0.0599)
microFIT								
Total		**8,480,948,224**	**12,515,874**	**(9,137,802)**		**(1,687,810)**	**421,230,027**	

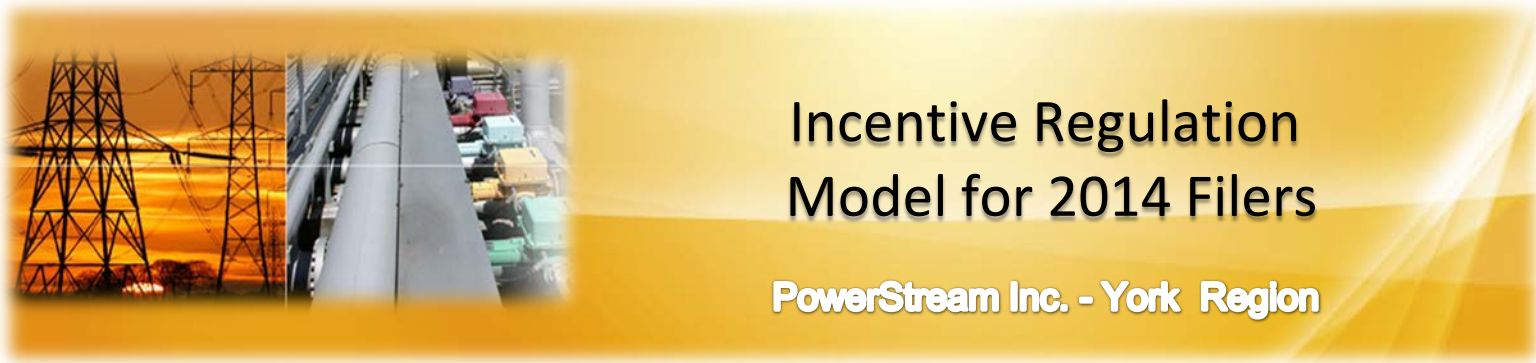
Incentive Regulation Model for 2013 Filers

PowerStream Inc. - York Region

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E.
The Price Escalator has been set at the 2013 values and will be updated by Board staff. The Stretch Factor Value may be updated by Board staff.

Price Escalator	**1.60%**	**Choose Stretch Factor Group**	III
Productivity Factor	**0.72%**	**Associated Stretch Factor Value**	**0.40%**
Price Cap Index	**0.48%**		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL	12.34		0.0136		0.48%	12.40	0.0137
GENERAL SERVICE LESS THAN 50 KW	25.39		0.0135		0.48%	25.51	0.0136
GENERAL SERVICE 50 TO 4,999 KW	134.81		3.2397		0.48%	135.46	3.2553
LARGE USE	5808.40		1.3784		0.48%	5836.28	1.3850
STANDBY POWER					0.48%	0.00	0.0000
UNMETERED SCATTERED LOAD	6.82		0.0155		0.48%	6.85	0.0156
SENTINEL LIGHTING	3.32		7.8050		0.48%	3.34	7.8425
STREET LIGHTING	1.22		6.4785		0.48%	1.23	6.5096
microFIT	5.40					5.40	



Please enter the following charges as found on your most recent Board-Approved Tariff Schedule. The standard Allowance rates have been included as default entries. If you have different rates, please make the appropriate corrections in the applicable cells below. As well, please enter the current Specific Service Charges below. The standard Retail Service Charges have been entered below. If you have different rates, please make the appropriate corrections in columns A, C or D as applicable (cells are unlocked).

ALLOWANCES

	UNIT	RATE
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, 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 (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 (for non-payment)	$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	$	185.00
Install/Remove load control device – during regular hours	$	65.00
Install/Remove load control device – after regular hours	$	185.00
Disconnect/Reconnect at meter – during regular hours	$	65.00
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
Specific Charge for Access to the Power Poles - $/pole/year	$	22.35
Temporary Service – Install & remove – overhead – no transformer	$	500.00

RETAIL SERVICE CHARGES (if applicable)

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, 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 monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly 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 factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0345
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

3RD Generation Incentive Regulation Model for 2013 Filers

PowerStream Inc. - York Region

Below is a listing of the proposed Monthly Fixed Charges, proposed Distribution Volumetric Rates, proposed Deferral and Variance account Rate Riders and all unexpired volumetric rates that were entered on Sheet 4. In the green cells (column A) below, please enter any additional rates being proposed (eg: LRAM/SSM, Tax Adjustments, etc). Please ensure that the word "Rider" or "Adder" is included in the description (as applicable). Note: All rates with expired effective dates have been removed. As well, the Current RTSR-Network and RTSR-Connection rate descriptions entered on Sheet 4 can be found below. The associated rates have been removed from this sheet, giving the applicant the opportunity to enter updated rates (from Sheet 13 in the Board-Approved RTSR model into the cells in column I.

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	12.40
Distribution Volumetric Rate	$/kWh	0.01370
Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00140
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00190)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Retail Transmission Rate - Network Service Rate	$/kWh	**0.00730**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	**0.00320**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.20
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.11
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.0001
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.12

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	25.51
Distribution Volumetric Rate	$/kWh	0.01360
Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00170
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00180)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Retail Transmission Rate - Network Service Rate	$/kWh	**0.00660**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	**0.00280**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.55
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.22
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.0001
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.34

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	135.46
Distribution Volumetric Rate	$/kW	3.25530
Low Voltage Service Rate	$/kW	0.11890
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.57800)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.20230)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.06600)
Retail Transmission Rate - Network Service Rate	$/kW	**2.6917**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	**1.0805**
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	**2.8217**
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	**1.1691**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	6.99
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	1.17
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0265
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	4.34

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

LARGE USE SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5,836.28
Distribution Volumetric Rate	$/kW	1.38500
Low Voltage Service Rate	$/kW	0.14370
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18080)
Retail Transmission Rate - Network Service Rate	$/kW	**3.1939**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	**1.1082**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	104.59
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.20420)
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	50.52
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0068
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	64.98

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STANDBY POWER SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.68540

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh
Rural Rate Protection Charge	$/kWh
Standard Supply Service - Administrative Charge (if applicable)	$

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	6.85
Distribution Volumetric Rate	$/kWh	0.01560
Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00230)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Retail Transmission Rate - Network Service Rate	$/kWh	**0.00660**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	**0.00310**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.11
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.06
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.0001
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.07

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	3.34
Distribution Volumetric Rate	$/kW	7.84250
Low Voltage Service Rate	$/kW	0.10310
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.80880)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.21060)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.06710)
Retail Transmission Rate - Network Service Rate	$/kW	**2.0804**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	**0.7952**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.09
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.03
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0679
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.05

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	1.23
Distribution Volumetric Rate	$/kW	6.50960
Low Voltage Service Rate	$/kW	0.09170
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.67120)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18350)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.05990)
Retail Transmission Rate - Network Service Rate	$/kW	**2.0472**
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	**0.8756**
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.02
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.01
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.0563
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.01

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

MICROFIT SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

MONTHLY RATES AND CHARGES - Regulatory Component

The following table provides applicants with a class to class comparison of current vs. proposed rates.

Current Rates			Proposed Rates		
Rate Description	Unit	Amount	Rate Description	Unit	Amount
RESIDENTIAL			**RESIDENTIAL**		
Service Charge	$	12.34	Service Charge	$	12.40
Distribution Volumetric Rate	$/kWh	0.01360	Distribution Volumetric Rate	$/kWh	0.01370
Low Voltage Service Rate	$/kWh	0.00030	Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00140	Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00140
Retail Transmission Rate - Network Service Rate	$/kWh	0.00740	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00190)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00320	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.20	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.14)	Retail Transmission Rate - Network Service Rate	$/kWh	0.00730
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00320
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00190)	Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.20
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.11
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.00010
			Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.12
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
GENERAL SERVICE LESS THAN 50 KW			**GENERAL SERVICE LESS THAN 50 KW**		
Service Charge	$	25.39	Service Charge	$	25.51
Distribution Volumetric Rate	$/kWh	0.01350	Distribution Volumetric Rate	$/kWh	0.01360
Low Voltage Service Rate	$/kWh	0.00030	Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00170	Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00170
Retail Transmission Rate - Network Service Rate	$/kWh	0.00670	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00180)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00280	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.55	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.14)	Retail Transmission Rate - Network Service Rate	$/kWh	0.00660
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00280
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00180)	Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.55
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.22
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.00010
			Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.34
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25

GENERAL SERVICE 50 TO 4,999 KW			GENERAL SERVICE 50 TO 4,999 KW		
Service Charge	$	134.81	Service Charge	$	135.46
Distribution Volumetric Rate	$/kW	3.23970	Distribution Volumetric Rate	$/kW	3.25530
Low Voltage Service Rate	$/kW	0.11890	Low Voltage Service Rate	$/kW	0.11890
Retail Transmission Rate - Network Service Rate	$/kW	2.71510	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.57800)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.09030	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.20230)
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.84620	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.06600)
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.17970	Retail Transmission Rate - Network Service Rate	$/kW	2.69170
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	6.99	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.08050
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	0.72	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.82170
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.16910
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.57800)	Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	6.99
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	1.17
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.02650
			Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	4.34
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
LARGE USE			**LARGE USE**		
Service Charge	$	5,808.40	Service Charge	$	5,836.28
Distribution Volumetric Rate	$/kW	1.37840	Distribution Volumetric Rate	$/kW	1.38500
Low Voltage Service Rate	$/kW	0.14370	Low Voltage Service Rate	$/kW	0.14370
Retail Transmission Rate - Network Service Rate	$/kW	3.22160	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18080)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.11830	Retail Transmission Rate - Network Service Rate	$/kW	3.19390
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	104.59	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.10820
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	587.71	Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	104.59
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.20420)	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.20420)
Wholesale Market Service Rate	$/kWh	0.00520	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	50.52
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.00680
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	64.98
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
STANDBY POWER			**STANDBY POWER**		
Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.68540	Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.68540
Wholesale Market Service Rate	$/kWh		Wholesale Market Service Rate	$/kWh	
Rural Rate Protection Charge	$/kWh		Rural Rate Protection Charge	$/kWh	
Standard Supply Service - Administrative Charge (if applicable)	$		Standard Supply Service - Administrative Charge (if applicable)	$	
UNMETERED SCATTERED LOAD			**UNMETERED SCATTERED LOAD**		
Service Charge (per connection)	$	6.82	Service Charge (per connection)	$	6.85
Distribution Volumetric Rate	$/kWh	0.01550	Distribution Volumetric Rate	$/kWh	0.01560
Low Voltage Service Rate	$/kWh	0.00030	Low Voltage Service Rate	$/kWh	0.00030
Retail Transmission Rate - Network Service Rate	$/kWh	0.00670	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00230)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00310	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.11	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.34)	Retail Transmission Rate - Network Service Rate	$/kWh	0.00660
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00310
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00230)	Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.11
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.06
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.00010
			Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.07
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25

SENTINEL LIGHTING		
Service Charge (per connection)	$	3.32
Distribution Volumetric Rate	$/kW	7.80500
Low Voltage Service Rate	$/kW	0.10310
Retail Transmission Rate - Network Service Rate	$/kW	2.09840
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.80240
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.09
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.80880)
Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

SENTINEL LIGHTING		
Service Charge (per connection)	$	3.34
Distribution Volumetric Rate	$/kW	7.84250
Low Voltage Service Rate	$/kW	0.10310
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.80880)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.21060)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.06710)
Retail Transmission Rate - Network Service Rate	$/kW	2.08040
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.79520
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.09
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.03
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.06790
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.05
Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STREET LIGHTING		
Service Charge (per connection)	$	1.22
Distribution Volumetric Rate	$/kW	6.47850
Low Voltage Service Rate	$/kW	0.09170
Retail Transmission Rate - Network Service Rate	$/kW	2.06500
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.88360
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.02
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.67120)
Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STREET LIGHTING		
Service Charge (per connection)	$	1.23
Distribution Volumetric Rate	$/kW	6.50960
Low Voltage Service Rate	$/kW	0.09170
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.67120)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18350)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.05990)
Retail Transmission Rate - Network Service Rate	$/kW	2.04720
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.87560
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.02
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.01
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.05630
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.01
Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

microFIT		
Service Charge	$	5.40

microFIT		
Service Charge	$	5.40

The following is a complete Tariff Schedule based on the information entered in this model. Pressing the button on the right hand side will transfer the tariff schedule to a new file.

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 01, 2014

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

ED-2004-0420

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	12.40
Distribution Volumetric Rate	$/kWh	0.01370
Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00140
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00190)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Retail Transmission Rate - Network Service Rate	$/kWh	0.00730
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00320
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.20
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.11
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.00010
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.12

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520

Rural Rate Protection Charge	$/kWh	0.0010
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	25.51
Distribution Volumetric Rate	$/kWh	0.01360
Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00170
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00180)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Retail Transmission Rate - Network Service Rate	$/kWh	0.00660
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00280
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.55
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.22
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.00010
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.34

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

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, both regular and interval metered. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	135.46
Distribution Volumetric Rate	$/kW	3.25530
Low Voltage Service Rate	$/kW	0.11890
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.57800)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.20230)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kW	(0.06600)
Retail Transmission Rate - Network Service Rate	$/kW	2.69170
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.08050
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.82170
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.16910
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	6.99
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	1.17
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.02650
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	4.34

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5,836.28
Distribution Volumetric Rate	$/kW	1.38500
Low Voltage Service Rate	$/kW	0.14370
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18080)
Retail Transmission Rate - Network Service Rate	$/kW	3.19390
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.10820
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	104.59
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.20420)
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	50.52
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.00680
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	64.98

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

nameplate rating of the generation facility).	$/kW	2.68540

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh
Rural Rate Protection Charge	$/kWh
Standard Supply Service - Administrative Charge (if applicable)	$

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	6.85
Distribution Volumetric Rate	$/kWh	0.01560
Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00230)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Retail Transmission Rate - Network Service Rate	$/kWh	0.00660
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00310
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.11
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.06
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kWh	0.00010
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.07

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

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

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	3.34
Distribution Volumetric Rate	$/kW	7.84250
Low Voltage Service Rate	$/kW	0.10310
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.80880)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.21060)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kW	(0.06710)
Retail Transmission Rate - Network Service Rate	$/kW	2.08040
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.79520
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.09
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.03
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.06790
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.05

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	1.23
Distribution Volumetric Rate	$/kW	6.50960
Low Voltage Service Rate	$/kW	0.09170
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.67120)
Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18350)
Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015		
Applicable only for Non-RPP Customers	$/kW	(0.05990)
Retail Transmission Rate - Network Service Rate	$/kW	2.04720
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.87560
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	$	0.02
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.00180
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$	0.01
ICM Rate Rider (2014) - in effect until the effective date of the next cost of service rates	$/kW	0.05630
Smart Grid Cost Disposition Rate Rider (2014) - in effect until December 31, 2014	$	0.01

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.00520
Rural Rate Protection Charge	$/kWh	0.00110
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

MONTHLY RATES AND CHARGES - Regulatory Component

MONTHLY RATES AND CHARGES - Regulatory Component

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, 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 (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 (for non-payment)	$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	$	185.00
Install/Remove load control device – during regular hours	$	65.00
Install/Remove load control device – after regular hours	$	185.00
Disconnect/Reconnect at meter – during regular hours	$	65.00
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
Specific Charge for Access to the Power Poles - $/pole/year	$	22.35
Temporary Service – Install & remove – overhead – no transformer	$	500.00

RETAIL SERVICE CHARGES (if applicable)

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, 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 monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly 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 factors will be implemented upon the first subseq

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0345
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

The following table provides applicants with a class to class comparison of current vs. proposed rates.

Current Rates			Proposed Rates		
Rate Description	Unit	Amount	Rate Description	Unit	Amount
RESIDENTIAL			**RESIDENTIAL**		
Service Charge	$	12.34	Service Charge	$	12.40
Distribution Volumetric Rate	$/kWh	0.01360	Distribution Volumetric Rate	$/kWh	0.01370
Low Voltage Service Rate	$/kWh	0.00030	Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00170	Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00170
Retail Transmission Rate - Network Service Rate	$/kWh	0.00740	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00150)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00320	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.20	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.14)	Retail Transmission Rate - Network Service Rate	$/kWh	0.00730
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00320
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00150)	Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.20
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$	0.11
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$/kWh	0.00010
			Smart Grid Cost Disposition Rate Rider (2014) - effective until December 31, 2014	$	0.12
			Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) - effecitve until December 31, 2014 Applicable only to PowerStream Barrie rate zone	$/kWh	0.00040
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
GENERAL SERVICE LESS THAN 50 KW			**GENERAL SERVICE LESS THAN 50 KW**		
Service Charge	$	25.39	Service Charge	$	25.51
Distribution Volumetric Rate	$/kWh	0.01350	Distribution Volumetric Rate	$/kWh	0.01360
Low Voltage Service Rate	$/kWh	0.00030	Low Voltage Service Rate	$/kWh	0.00030
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00220	Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2014	$/kWh	0.00220
Retail Transmission Rate - Network Service Rate	$/kWh	0.00670	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00160)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00280	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.55	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.14)	Retail Transmission Rate - Network Service Rate	$/kWh	0.00660
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00280
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00160)	Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.55
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310
Rural Rate Protection Charge	$/kWh	0.00110	ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$	0.22
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$/kWh	0.00010
			Smart Grid Cost Disposition Rate Rider (2014) - effective until December 31, 2014	$	0.34
			Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) - effecitve until December 31, 2014 Applicable only to PowerStream Barrie rate zone	$/kWh	0.00070
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
GENERAL SERVICE 50 TO 4,999 KW			**GENERAL SERVICE 50 TO 4,999 KW**		
Service Charge	$	134.81	Service Charge	$	135.46
Distribution Volumetric Rate	$/kW	3.23970	Distribution Volumetric Rate	$/kW	3.25530
Low Voltage Service Rate	$/kW	0.11890	Low Voltage Service Rate	$/kW	0.11890
Retail Transmission Rate - Network Service Rate	$/kW	2.71510	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.59330)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.09030	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.20230)
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.84620	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.06600)

Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.17970	Retail Transmission Rate - Network Service Rate	$/kW	2.69170
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	6.99	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.08050
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	0.72	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.82170
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	1.16910
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.59330)	Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	6.99
			Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP		
Wholesale Market Service Rate	$/kWh	0.00520	Customers	$/kWh	0.00310
			ICM Rate Rider (2014) - effective until the effective date of the next		
Rural Rate Protection Charge	$/kWh	0.00110	cost of service rates	$	1.17
			ICM Rate Rider (2014) - effective until the effective date of the next		
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	cost of service rates	$/kW	0.02650
			Smart Grid Cost Disposition Rate Rider (2014) - effective until December 31, 2014	$	4.34
			Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) - effecitve until December 31, 2014 Applicable only to PowerStream Barrie rate zone	$/kW	0.01820
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
LARGE USE			**LARGE USE**		
Service Charge	$	5,808.40	Service Charge	$	5,836.28
Distribution Volumetric Rate	$/kW	1.37840	Distribution Volumetric Rate	$/kW	1.38500
Low Voltage Service Rate	$/kW	0.14370	Low Voltage Service Rate	$/kW	0.14370
			Rate Rider for Deferral/Variance Account Disposition (2014) -		
Retail Transmission Rate - Network Service Rate	$/kW	3.22160	effective until December 30, 2015	$/kW	(0.18080)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.11830	Retail Transmission Rate - Network Service Rate	$/kW	3.19390
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	104.59	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.10820
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	587.71	Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	104.59
			ICM Rate Rider (2014) - effective until the effective date of the next		
Wholesale Market Service Rate	$/kWh	0.00520	cost of service rates	$	50.52
			ICM Rate Rider (2014) - effective until the effective date of the next		
Rural Rate Protection Charge	$/kWh	0.00110	cost of service rates	$/kW	0.00680
			Smart Grid Cost Disposition Rate Rider (2014) - effective until		
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	December 31, 2014	$	64.98
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
STANDBY POWER			**STANDBY POWER**		
Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.68540	Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of the generation facility).	$/kW	2.68540
Wholesale Market Service Rate	$/kWh		Wholesale Market Service Rate	$/kWh	
Rural Rate Protection Charge	$/kWh		Rural Rate Protection Charge	$/kWh	
Standard Supply Service - Administrative Charge (if applicable)	$		Standard Supply Service - Administrative Charge (if applicable)	$	
UNMETERED SCATTERED LOAD			**UNMETERED SCATTERED LOAD**		
Service Charge (per connection)	$	6.82	Service Charge (per connection)	$	6.85
Distribution Volumetric Rate	$/kWh	0.01550	Distribution Volumetric Rate	$/kWh	0.01560
Low Voltage Service Rate	$/kWh	0.00030	Low Voltage Service Rate	$/kWh	0.00030
			Rate Rider for Disposition of Deferral/Variance Accounts (2013) -		
Retail Transmission Rate - Network Service Rate	$/kWh	0.00670	effective until December 31, 2014	$/kWh	(0.00150)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00310	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kWh	(0.00050)
			Rate Rider for Global Adjustment Sub-Account Disposition (2014) -		
Rate Rider for Recovery of CGAAP/CWIP Differential - efective until December 31, 2016	$	0.11	effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kWh	(0.00020)
Rate Rider for Recovery of Forgone Revenue - effective until December 31, 2013	$	(0.34)	Retail Transmission Rate - Network Service Rate	$/kWh	0.00660
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.00310
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kWh	(0.00150)	Rate Rider for Recovery of CGAAP/CWIP Differential - efective until December 31, 2016	$	0.11
			Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP		
Wholesale Market Service Rate	$/kWh	0.00520	Customers	$/kWh	0.00310
			ICM Rate Rider (2014) - effective until the effective date of the next		
Rural Rate Protection Charge	$/kWh	0.00110	cost of service rates	$	0.06
			ICM Rate Rider (2014) - effective until the effective date of the next		
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	cost of service rates	$/kWh	0.00010
			Smart Grid Cost Disposition Rate Rider (2014) - effective until December 31, 2014	$	0.07
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
SENTINEL LIGHTING			**SENTINEL LIGHTING**		
Service Charge (per connection)	$	3.32	Service Charge (per connection)	$	3.34
Distribution Volumetric Rate	$/kW	7.80500	Distribution Volumetric Rate	$/kW	7.84250
Low Voltage Service Rate	$/kW	0.10310	Low Voltage Service Rate	$/kW	0.10310
			Rate Rider for Disposition of Deferral/Variance Accounts (2013) -		
Retail Transmission Rate - Network Service Rate	$/kW	2.09840	effective until December 31, 2014	$/kW	(0.80880)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.80240	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.21060)
			Rate Rider for Global Adjustment Sub-Account Disposition (2014) -		
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.09	effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.06710)
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180	Retail Transmission Rate - Network Service Rate	$/kW	2.08040
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.80880)	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.79520

Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.09
Rural Rate Protection Charge	$/kWh	0.00110	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00180
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$	0.03
			ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$/kW	0.06790
			Smart Grid Cost Disposition Rate Rider (2014) - effective until December 31, 2014	$	0.05
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
STREET LIGHTING			**STREET LIGHTING**		
Service Charge (per connection)	$	1.22	Service Charge (per connection)	$	1.23
Distribution Volumetric Rate	$/kW	6.47850	Distribution Volumetric Rate	$/kW	6.50960
Low Voltage Service Rate	$/kW	0.09170	Low Voltage Service Rate	$/kW	0.09170
Retail Transmission Rate - Network Service Rate	$/kW	2.06500	Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.47460)
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.88360	Rate Rider for Deferral/Variance Account Disposition (2014) - effective until December 30, 2015	$/kW	(0.18350)
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.02	Rate Rider for Global Adjustment Sub-Account Disposition (2014) - effective until December 30, 2015 Applicable only for Non-RPP Customers	$/kW	(0.05990)
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310	Retail Transmission Rate - Network Service Rate	$/kW	2.04720
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until December 31, 2014	$/kW	(0.47460)	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	0.87560
Wholesale Market Service Rate	$/kWh	0.00520	Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	$	0.02
Rural Rate Protection Charge	$/kWh	0.00110	Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.00310
Standard Supply Service - Administrative Charge (if applicable)	$	0.25	ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$	0.01
			ICM Rate Rider (2014) - effective until the effective date of the next cost of service rates	$/kW	0.05630
			Smart Grid Cost Disposition Rate Rider (2014) - effective until December 31, 2014	$	0.01
			Wholesale Market Service Rate	$/kWh	0.00520
			Rural Rate Protection Charge	$/kWh	0.00110
			Standard Supply Service - Administrative Charge (if applicable)	$	0.25
microFIT			**microFIT**		
Service Charge	$	5.40	Service Charge	$	5.40

Incentive Regulation Shared Tax Savings Model for 2014 Filers

Version 1.1

Utility Name	PowerStream Inc.
Service Territory Name	York Region and Simcoe County
Assigned EB Number	ED-2004-0420
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca
Date	Friday, September 06, 2013
Last COS Re-based Year	**2013**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Incentive Regulation Shared Tax Savings Model for 2014 Filers

Enter your 2013 Base Monthly Fixed Charge and Distribution Volumetric Charge into columns labeled "Rate ReBal Base Service Charge" and "Rate ReBal Base Distribution Volumetric Rate kWh/kW" respectively.

Last COS Re-based Year was in 2013

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	308,309	2,732,090,682		12.34	0.0136	
GSLT50	General Service Less Than 50 kW	Customer	kWh	31,199	1,051,489,461		25.39	0.0135	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	4,662	4,560,475,622	12,149,352	134.81		3.2397
LU	Large Use	Customer	kW	2	63,129,774	188,221	5,808.40		1.3784
SB	Standby Power	Connection	kW	0	0	0	0.00		2.6854
USL	Unmetered Scattered Load	Connection	kWh	2,814	12,938,386		6.82	0.0155	
Sen	Sentinel Lighting	Connection	kW	120	474,523	1,242	3.32		7.8050
SL	Street Lighting	Connection	kW	83,370	60,349,776	177,059	1.22		6.4785
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						

Incentive Regulation
Shared Tax Savings
Model for 2014 Filers

Calculating Re-Based Revenue from rates. No input required.

Last COS Re-based Year was in 2013

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	308,309	2,732,090,682	0	12.34	0.0136	0.0000	45,654,397	37,156,433	0	82,810,830
General Service Less Than 50 kW	31,199	1,051,489,461	0	25.39	0.0135	0.0000	9,505,711	14,195,108	0	23,700,819
General Service 50 to 4,999 kW	4,662	4,560,475,622	12,149,352	134.81	0.0000	3.2397	7,541,811	0	39,360,256	46,902,066
Large Use	2	63,129,774	188,221	5,808.40	0.0000	1.3784	139,402	0	259,444	398,845
Standby Power	0	0	0	0.00	0.0000	2.6854	0	0	0	0
Unmetered Scattered Load	2,814	12,938,386	0	6.82	0.0155	0.0000	230,298	200,545	0	430,843
Sentinel Lighting	120	474,523	1,242	3.32	0.0000	7.8050	4,781	0	9,694	14,475
Street Lighting	83,370	60,349,776	177,059	1.22	0.0000	6.4785	1,220,537	0	1,147,077	2,367,614
							64,296,936	51,552,086	40,776,470	156,625,492

Incentive Regulation Shared Tax Savings Model for 2014 Filers

This worksheet calculates the tax sharing amount.

Step 1: Press the Update Button (this will clear all input cells and reveal your latest cost of service re-basing year).
Step 2: In the green input cells below, please enter the information related to the last Cost of Service Filing.

Summary - Sharing of Tax Change Forecast Amounts

For the 2013 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)	717100

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	**2013**	**2014**
Taxable Capital		$ -
Deduction from taxable capital up to $15,000,000		$ -
Net Taxable Capital	$ -	$ -
Rate	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	**$ -**	**$ -**

2. Tax Related Amounts Forecast from Income Tax Rate Changes	**2013**	**2014**
Regulatory Taxable Income	$ 6,989,491	$ 6,989,491
Corporate Tax Rate	26.00%	26.00%
Tax Impact	$ 1,100,115	$ 1,100,115
Grossed-up Tax Amount	**$ 1,486,627**	**$ 1,486,627**

Tax Related Amounts Forecast from Capital Tax Rate Changes	$ -	$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	$ 1,486,627	$ 1,486,627
Total Tax Related Amounts	**$ 1,486,627**	**$ 1,486,627**
Incremental Tax Savings		**-$ 0**
Sharing of Tax Savings (50%)		**-$ 0**

Incentive Regulation Shared Tax Savings Model for 2014 Filers

This worksheet calculates a tax change volumetric rate rider. No input required. The outputs in column Q and S are to be entered into Sheet 11 "Proposed Rates" of the 2014 IRM Rate Generator Model. Rate description should be entered as "Rate Rider for Tax Change".

Rate Class	Total Revenue $ by Rate Class A	Total Revenue % by Rate Class B = A / $H	Total Z-Factor Tax Change$ by Rate Class C = $I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	$82,810,830	52.87%	$0	2,732,090,682	0	$0.0000	
General Service Less Than 50 kW	$23,700,819	15.13%	$0	1,051,489,461	0	$0.0000	
General Service 50 to 4,999 kW	$46,902,066	29.95%	$0	4,560,475,622	12,149,352		$0.0000
Large Use	$398,845	0.25%	$0	63,129,774	188,221		$0.0000
Standby Power	$0	0.00%	$0	0	0		
Unmetered Scattered Load	$430,843	0.28%	$0	12,938,386	0	$0.0000	
Sentinel Lighting	$14,475	0.01%	$0	474,523	1,242		$0.0000
Street Lighting	$2,367,614	1.51%	$0	60,349,776	177,059		$0.0000
	$156,625,492	100.00%	$0				
	H		-				
			I				

v 4.0

RTSR Workform for Electricity Distributors (2014 Filers)

Utility Name	PowerStream Inc.
Service Territory	York Region and Simcoe County
Assigned EB Number	ED-2004-0420
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca
Date	6-Sep-13
Last COS Re-based Year	**2013**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

RTSR Workform for Electricity Distributors (2014 Filers)

RTSR Workform for Electricity Distributors (2014 Filers)

1. **Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.**
2. **Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges**

Rate Class	Unit	RTSR-Network	RTSR-Connection
Residential	kWh	$ 0.0074	$ 0.0032
General Service Less Than 50 kW	kWh	$ 0.0067	$ 0.0028
General Service 50 to 4,999 kW	kW	$ 2.7151	$ 1.0903
General Service 50 to 4,999 kW – Interval Metered	kW	$ 2.8462	$ 1.1797
Large Use	kW	$ 3.2216	$ 1.1183
Unmetered Scattered Load	kWh	$ 0.0067	$ 0.0031
Sentinel Lighting	kW	$ 2.0984	$ 0.8024
Street Lighting	kW	$ 2.0650	$ 0.8836
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			

RTSR Workform for Electricity Distributors (2014 Filers)

In the green shaded cells, enter the most recent reported RRR billing determinants. Please ensure that billing determinants are non-loss adjusted.

Rate Class	Unit	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Load Factor	Loss Adjusted Billed kWh	Billed kW
Residential	**kWh**	2,772,334,986		1.0345		2,867,980,543	-
General Service Less Than 50 kW	**kWh**	1,019,024,366		1.0345		1,054,180,707	-
General Service 50 to 4,999 kW	**kW**		6,730,683		**0.00%**	-	6,730,683
General Service 50 to 4,999 kW – Interval Metered	**kW**		5,358,368		**0.00%**	-	5,358,368
Large Use	**kW**		159,258		**0.00%**	-	159,258
Unmetered Scattered Load	**kWh**	12,970,917		1.0345		13,418,414	-
Sentinel Lighting	**kW**		1,073		**0.00%**	-	1,073
Street Lighting	**kW**		167,382		**0.00%**	-	167,382

RTSR Workform for Electricity Distributors (2014 Filers)

Uniform Transmission Rates	Unit	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.57	$ 3.63	$ 3.63
Line Connection Service Rate	kW	$ 0.80	$ 0.75	$ 0.75
Transformation Connection Service Rate	kW	$ 1.86	$ 1.85	$ 1.85

Hydro One Sub-Transmission Rates	Unit	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 2.65	$ 3.18	$ 3.18
Line Connection Service Rate	kW	$ 0.64	$ 0.70	$ 0.70
Transformation Connection Service Rate	kW	$ 1.50	$ 1.63	$ 1.63
Both Line and Transformation Connection Service Rate	kW	$ 2.14	$ 2.33	$ 2.33

If needed , add extra host here (I)	Unit	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

If needed , add extra host here (II)	Unit	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

Hydro One Sub-Transmission Rate Rider 9A	Unit	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014
Rate Description		**Rate**	**Rate**	**Rate**
RSVA Transmission network – 4714 – which affects 1584	kW	$ -	$ 0.1465	$ 0.1465
RSVA Transmission connection – 4716 – which affects 1586	kW	$ -	$ 0.0667	$ 0.0667
RSVA LV – 4750 – which affects 1550	kW	$ -	$ 0.0475	$ 0.0475
RARA 1 – 2252 – which affects 1590	kW	$ -	$ 0.0419	$ 0.0419
RARA 1 – 2252 – which affects 1590 (2008)	kW	$ -	-$ 0.0270	-$ 0.0270
RARA 1 – 2252 – which affects 1590 (2009)	kW	$ -	-$ 0.0006	-$ 0.0006
Hydro One Sub-Transmission Rate Rider 9A	kW	$ -	$ 0.2750	$ 0.2750

		Historical 2012	Current 2013	Forecast 2014
Transformer Allowance Credit (if applicable, enter as a negative value)	$			

RTSR Workform for Electricity Distributors (2014 Filers)

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a *combined* Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,154,933	$3.57	$ 4,123,111	1,234,811	$0.80	$ 987,849	331,498	$1.86	$ 616,586	$ 1,604,435
February	1,055,895	$3.57	$ 3,769,545	1,141,039	$0.80	$ 912,831	294,801	$1.86	$ 548,330	$ 1,461,161
March	1,064,930	$3.57	$ 3,801,800	1,144,616	$0.80	$ 915,693	303,070	$1.86	$ 563,710	$ 1,479,403
April	984,228	$3.57	$ 3,513,694	1,109,019	$0.82	$ 913,705	282,099	$1.86	$ 524,704	$ 1,438,409
May	1,350,088	$3.57	$ 4,819,814	1,417,792	$0.80	$ 1,134,234	371,536	$1.86	$ 691,057	$ 1,825,291
June	1,633,641	$3.57	$ 5,832,098	1,701,680	$0.80	$ 1,361,344	452,119	$1.86	$ 840,941	$ 2,202,285
July	1,657,603	$3.57	$ 5,917,643	1,716,082	$0.80	$ 1,372,866	483,306	$1.86	$ 898,949	$ 2,271,815
August	1,435,998	$3.57	$ 5,126,513	1,530,233	$0.80	$ 1,224,186	434,009	$1.86	$ 807,257	$ 2,031,443
September	1,285,320	$3.57	$ 4,588,592	1,362,438	$0.80	$ 1,089,950	398,551	$1.86	$ 741,305	$ 1,831,255
October	1,016,134	$3.57	$ 3,627,598	1,088,177	$0.80	$ 870,542	319,017	$1.86	$ 593,372	$ 1,463,913
November	1,077,478	$3.57	$ 3,846,596	1,140,629	$0.80	$ 912,503	336,797	$1.86	$ 626,442	$ 1,538,946
December	1,126,108	$3.57	$ 4,020,206	1,195,532	$0.80	$ 956,426	349,389	$1.86	$ 649,864	$ 1,606,289
Total	14,842,356	$ 3.57	$ 52,987,211	15,782,048	$ 0.80	$ 12,652,128	4,356,192	$ 1.86	$ 8,102,517	$ 20,754,645

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	197,202	$2.65	$ 522,586	195,973	$0.64	$ 125,422	195,973	$1.50	$ 293,959	$ 419,381
February	190,708	$2.65	$ 505,376	191,480	$0.64	$ 122,547	191,480	$1.50	$ 287,220	$ 409,767
March	181,561	$2.65	$ 481,137	184,312	$0.64	$ 117,960	184,312	$1.50	$ 276,468	$ 394,428
April	190,268	$2.65	$ 504,210	193,311	$0.64	$ 123,719	193,311	$1.50	$ 289,967	$ 413,686
May	230,412	$2.65	$ 610,592	230,467	$0.64	$ 147,499	230,467	$1.50	$ 345,701	$ 493,199
June	263,184	$2.65	$ 697,438	263,184	$0.64	$ 168,438	263,184	$1.50	$ 394,776	$ 563,214
July	264,926	$2.65	$ 702,054	264,926	$0.64	$ 169,553	264,926	$1.50	$ 397,389	$ 566,942
August	231,613	$2.65	$ 613,774	231,720	$0.64	$ 148,301	231,720	$1.50	$ 347,580	$ 495,881
September	204,706	$2.65	$ 542,471	204,894	$0.64	$ 131,132	204,894	$1.50	$ 307,341	$ 438,473
October	197,343	$2.65	$ 522,959	197,473	$0.64	$ 126,383	197,473	$1.50	$ 296,210	$ 422,592
November	202,055	$2.65	$ 535,446	202,091	$0.64	$ 129,338	202,091	$1.50	$ 303,137	$ 432,475
December	154,624	$2.65	$ 409,752	154,696	$0.64	$ 99,006	154,696	$1.50	$ 232,044	$ 331,050
Total	2,508,602	$ 2.65	$ 6,647,795	2,514,527	$ 0.64	$ 1,609,297	2,514,527	$ 1.50	$ 3,771,790	$ 5,381,087

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$0.00			$0.00			$0.00		$ -
February		$0.00			$0.00			$0.00		$ -
March		$0.00			$0.00			$0.00		$ -
April		$0.00			$0.00			$0.00		$ -
May		$0.00			$0.00			$0.00		$ -
June		$0.00			$0.00			$0.00		$ -
July		$0.00			$0.00			$0.00		$ -
August		$0.00			$0.00			$0.00		$ -
September		$0.00			$0.00			$0.00		$ -
October		$0.00			$0.00			$0.00		$ -
November		$0.00			$0.00			$0.00		$ -
December		$0.00			$0.00			$0.00		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

RTSR Workform for Electricity Distributors (2014 Filers)

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a *combined* Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$0.00			$0.00			$0.00		$ -
February		$0.00			$0.00			$0.00		$ -
March		$0.00			$0.00			$0.00		$ -
April		$0.00			$0.00			$0.00		$ -
May		$0.00			$0.00			$0.00		$ -
June		$0.00			$0.00			$0.00		$ -
July		$0.00			$0.00			$0.00		$ -
August		$0.00			$0.00			$0.00		$ -
September		$0.00			$0.00			$0.00		$ -
October		$0.00			$0.00			$0.00		$ -
November		$0.00			$0.00			$0.00		$ -
December		$0.00			$0.00			$0.00		$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,352,135	$3.44	$ 4,645,697	1,430,784	$0.78	$ 1,113,271	527,471	$1.73	$ 910,545	$ 2,023,816
February	1,246,603	$3.43	$ 4,274,921	1,332,519	$0.78	$ 1,035,378	486,281	$1.72	$ 835,550	$ 1,870,928
March	1,246,491	$3.44	$ 4,282,937	1,328,928	$0.78	$ 1,033,652	487,382	$1.72	$ 840,178	$ 1,873,831
April	1,174,496	$3.42	$ 4,017,904	1,302,330	$0.80	$ 1,037,424	475,410	$1.71	$ 814,671	$ 1,852,095
May	1,580,500	$3.44	$ 5,430,406	1,648,259	$0.78	$ 1,281,732	602,003	$1.72	$ 1,036,757	$ 2,318,490
June	1,896,825	$3.44	$ 6,529,536	1,964,864	$0.78	$ 1,529,782	715,303	$1.73	$ 1,235,717	$ 2,765,499
July	1,922,529	$3.44	$ 6,619,697	1,981,008	$0.78	$ 1,542,418	748,232	$1.73	$ 1,296,338	$ 2,838,756
August	1,667,611	$3.44	$ 5,740,287	1,761,953	$0.78	$ 1,372,487	665,729	$1.73	$ 1,154,837	$ 2,527,324
September	1,490,026	$3.44	$ 5,131,063	1,567,332	$0.78	$ 1,221,083	603,445	$1.74	$ 1,048,646	$ 2,269,728
October	1,213,477	$3.42	$ 4,150,557	1,285,650	$0.78	$ 996,924	516,490	$1.72	$ 889,581	$ 1,886,505
November	1,279,533	$3.42	$ 4,382,042	1,342,720	$0.78	$ 1,041,841	538,888	$1.72	$ 929,579	$ 1,971,420
December	1,280,732	$3.46	$ 4,429,958	1,350,228	$0.78	$ 1,055,431	504,085	$1.75	$ 881,908	$ 1,937,339
Total	17,350,958	$ 3.44	$ 59,635,006	18,296,575	$ 0.78	$ 14,261,425	6,870,719	$ 1.73	$ 11,874,307	$ 26,135,733

Transformer Allowance Credit (if applicable)	$ -
Total including deduction for Transformer Allowance Credit	$ 26,135,733

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to calculate the expected billing when current 2013 Uniform Transmission Rates are applied against historical 2012 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,154,933	$ 3.6300	$ 4,192,407	1,234,811	$ 0.7500	$ 926,108	331,498	$ 1.8500	$ 613,271	$ 1,539,380
February	1,055,895	$ 3.6300	$ 3,832,899	1,141,039	$ 0.7500	$ 855,779	294,801	$ 1.8500	$ 545,382	$ 1,401,161
March	1,064,930	$ 3.6300	$ 3,865,696	1,144,616	$ 0.7500	$ 858,462	303,070	$ 1.8500	$ 560,680	$ 1,419,142
April	984,228	$ 3.6300	$ 3,572,748	1,109,019	$ 0.7500	$ 831,764	282,099	$ 1.8500	$ 521,883	$ 1,353,647
May	1,350,088	$ 3.6300	$ 4,900,819	1,417,792	$ 0.7500	$ 1,063,344	371,536	$ 1.8500	$ 687,342	$ 1,750,686
June	1,633,641	$ 3.6300	$ 5,930,117	1,701,680	$ 0.7500	$ 1,276,260	452,119	$ 1.8500	$ 836,420	$ 2,112,680
July	1,657,603	$ 3.6300	$ 6,017,099	1,716,082	$ 0.7500	$ 1,287,062	483,306	$ 1.8500	$ 894,116	$ 2,181,178
August	1,435,998	$ 3.6300	$ 5,212,673	1,530,233	$ 0.7500	$ 1,147,675	434,009	$ 1.8500	$ 802,917	$ 1,950,591
September	1,285,320	$ 3.6300	$ 4,665,712	1,362,438	$ 0.7500	$ 1,021,829	398,551	$ 1.8500	$ 737,319	$ 1,759,148
October	1,016,134	$ 3.6300	$ 3,688,566	1,088,177	$ 0.7500	$ 816,133	319,017	$ 1.8500	$ 590,181	$ 1,406,314
November	1,077,478	$ 3.6300	$ 3,911,245	1,140,629	$ 0.7500	$ 855,472	336,797	$ 1.8500	$ 623,074	$ 1,478,546
December	1,126,108	$ 3.6300	$ 4,087,772	1,195,532	$ 0.7500	$ 896,649	349,389	$ 1.8500	$ 646,370	$ 1,543,019
Total	14,842,356	$ 3.63	$ 53,877,752	15,782,048	$ 0.75	$ 11,836,536	4,356,192	$ 1.85	$ 8,058,955	$ 19,895,491

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	197,202	$ 3.3265	$ 655,994	195,973	$ 0.7667	$ 150,252	195,973	$ 1.6300	$ 319,435	$ 469,688
February	190,708	$ 3.3265	$ 634,390	191,480	$ 0.7667	$ 146,808	191,480	$ 1.6300	$ 312,112	$ 458,920
March	181,561	$ 3.3265	$ 603,963	184,312	$ 0.7667	$ 141,312	184,312	$ 1.6300	$ 300,429	$ 441,741
April	190,268	$ 3.3265	$ 632,927	193,311	$ 0.7667	$ 148,212	193,311	$ 1.6300	$ 315,097	$ 463,308
May	230,412	$ 3.3265	$ 766,466	230,467	$ 0.7667	$ 176,699	230,467	$ 1.6300	$ 375,661	$ 552,360
June	263,184	$ 3.3265	$ 875,482	263,184	$ 0.7667	$ 201,783	263,184	$ 1.6300	$ 428,990	$ 630,773
July	264,926	$ 3.3265	$ 881,276	264,926	$ 0.7667	$ 203,119	264,926	$ 1.6300	$ 431,829	$ 634,948
August	231,613	$ 3.3265	$ 770,461	231,720	$ 0.7667	$ 177,660	231,720	$ 1.6300	$ 377,704	$ 555,363
September	204,706	$ 3.3265	$ 680,955	204,894	$ 0.7667	$ 157,092	204,894	$ 1.6300	$ 333,977	$ 491,069
October	197,343	$ 3.3265	$ 656,461	197,473	$ 0.7667	$ 151,403	197,473	$ 1.6300	$ 321,881	$ 473,284
November	202,055	$ 3.3265	$ 672,136	202,091	$ 0.7667	$ 154,943	202,091	$ 1.6300	$ 329,408	$ 484,351
December	154,624	$ 3.3265	$ 514,355	154,696	$ 0.7667	$ 118,606	154,696	$ 1.6300	$ 252,155	$ 370,761
Total	2,508,602	$ 3.33	$ 8,344,864	2,514,527	$ 0.77	$ 1,927,888	2,514,527	$ 1.63	$ 4,098,679	$ 6,026,566

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to calculate the expected billing when current 2013 Uniform Transmission Rates are applied against historical 2012 transmission units.

Total	-	$	-	$	-	-	$	-	$	-	-	$	-	$	-	$	-

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,352,135	$3.59	$ 4,848,400	1,430,784	$0.75	$ 1,076,360	527,471	$1.77	$ 932,707	$ 2,009,067
February	1,246,603	$3.58	$ 4,467,289	1,332,519	$0.75	$ 1,002,587	486,281	$1.76	$ 857,494	$ 1,860,081
March	1,246,491	$3.59	$ 4,469,659	1,328,928	$0.75	$ 999,774	487,382	$1.77	$ 861,108	$ 1,860,882
April	1,174,496	$3.58	$ 4,205,674	1,302,330	$0.75	$ 979,976	475,410	$1.76	$ 836,980	$ 1,816,956
May	1,580,500	$3.59	$ 5,667,285	1,648,259	$0.75	$ 1,240,043	602,003	$1.77	$ 1,063,003	$ 2,303,046
June	1,896,825	$3.59	$ 6,805,598	1,964,864	$0.75	$ 1,478,043	715,303	$1.77	$ 1,265,410	$ 2,743,453
July	1,922,529	$3.59	$ 6,898,375	1,981,008	$0.75	$ 1,490,180	748,232	$1.77	$ 1,325,945	$ 2,816,126
August	1,667,611	$3.59	$ 5,983,133	1,761,953	$0.75	$ 1,325,334	665,729	$1.77	$ 1,180,620	$ 2,505,955
September	1,490,026	$3.59	$ 5,346,666	1,567,332	$0.75	$ 1,178,921	603,445	$1.78	$ 1,071,297	$ 2,250,217
October	1,213,477	$3.58	$ 4,345,028	1,285,650	$0.75	$ 967,535	516,490	$1.77	$ 912,062	$ 1,879,598
November	1,279,533	$3.58	$ 4,583,381	1,342,720	$0.75	$ 1,010,415	538,888	$1.77	$ 952,483	$ 1,962,898
December	1,280,732	$3.59	$ 4,602,127	1,350,228	$0.75	$ 1,015,255	504,085	$1.78	$ 898,525	$ 1,913,779
Total	17,350,958	$ 3.59	$ 62,222,616	18,296,575	$ 0.75	$ 13,764,424	6,870,719	$ 1.77	$ 12,157,634	$ 25,922,058

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to calculate the expected billing when forecasted 2014 Uniform Transmission Rates are applied against historical 2012 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,154,933	$ 3.6300	$ 4,192,407	1,234,811	$ 0.7500	$ 926,108	331,498	$ 1.8500	$ 613,271	$ 1,539,380
February	1,055,895	$ 3.6300	$ 3,832,899	1,141,039	$ 0.7500	$ 855,779	294,801	$ 1.8500	$ 545,382	$ 1,401,161
March	1,064,930	$ 3.6300	$ 3,865,696	1,144,616	$ 0.7500	$ 858,462	303,070	$ 1.8500	$ 560,680	$ 1,419,142
April	984,228	$ 3.6300	$ 3,572,748	1,109,019	$ 0.7500	$ 831,764	282,099	$ 1.8500	$ 521,883	$ 1,353,647
May	1,350,088	$ 3.6300	$ 4,900,819	1,417,792	$ 0.7500	$ 1,063,344	371,536	$ 1.8500	$ 687,342	$ 1,750,686
June	1,633,641	$ 3.6300	$ 5,930,117	1,701,680	$ 0.7500	$ 1,276,260	452,119	$ 1.8500	$ 836,420	$ 2,112,680
July	1,657,603	$ 3.6300	$ 6,017,099	1,716,082	$ 0.7500	$ 1,287,062	483,306	$ 1.8500	$ 894,116	$ 2,181,178
August	1,435,998	$ 3.6300	$ 5,212,673	1,530,233	$ 0.7500	$ 1,147,675	434,009	$ 1.8500	$ 802,917	$ 1,950,591
September	1,285,320	$ 3.6300	$ 4,665,712	1,362,438	$ 0.7500	$ 1,021,829	398,551	$ 1.8500	$ 737,319	$ 1,759,148
October	1,016,134	$ 3.6300	$ 3,688,566	1,088,177	$ 0.7500	$ 816,133	319,017	$ 1.8500	$ 590,181	$ 1,406,314
November	1,077,478	$ 3.6300	$ 3,911,245	1,140,629	$ 0.7500	$ 855,472	336,797	$ 1.8500	$ 623,074	$ 1,478,546
December	1,126,108	$ 3.6300	$ 4,087,772	1,195,532	$ 0.7500	$ 896,649	349,389	$ 1.8500	$ 646,370	$ 1,543,019
Total	14,842,356	$ 3.63	$ 53,877,752	15,782,048	$ 0.75	$ 11,836,536	4,356,192	$ 1.85	$ 8,058,955	$ 19,895,491

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	197,202	$ 3.3265	$ 655,994	195,973	$ 0.7667	$ 150,252	195,973	$ 1.6300	$ 319,435	$ 469,688
February	190,708	$ 3.3265	$ 634,390	191,480	$ 0.7667	$ 146,808	191,480	$ 1.6300	$ 312,112	$ 458,920
March	181,561	$ 3.3265	$ 603,963	184,312	$ 0.7667	$ 141,312	184,312	$ 1.6300	$ 300,429	$ 441,741
April	190,268	$ 3.3265	$ 632,927	193,311	$ 0.7667	$ 148,212	193,311	$ 1.6300	$ 315,097	$ 463,308
May	230,412	$ 3.3265	$ 766,466	230,467	$ 0.7667	$ 176,699	230,467	$ 1.6300	$ 375,661	$ 552,360
June	263,184	$ 3.3265	$ 875,482	263,184	$ 0.7667	$ 201,783	263,184	$ 1.6300	$ 428,990	$ 630,773
July	264,926	$ 3.3265	$ 881,276	264,926	$ 0.7667	$ 203,119	264,926	$ 1.6300	$ 431,829	$ 634,948
August	231,613	$ 3.3265	$ 770,461	231,720	$ 0.7667	$ 177,660	231,720	$ 1.6300	$ 377,704	$ 555,363
September	204,706	$ 3.3265	$ 680,955	204,894	$ 0.7667	$ 157,092	204,894	$ 1.6300	$ 333,977	$ 491,069
October	197,343	$ 3.3265	$ 656,461	197,473	$ 0.7667	$ 151,403	197,473	$ 1.6300	$ 321,881	$ 473,284
November	202,055	$ 3.3265	$ 672,136	202,091	$ 0.7667	$ 154,943	202,091	$ 1.6300	$ 329,408	$ 484,351
December	154,624	$ 3.3265	$ 514,355	154,696	$ 0.7667	$ 118,606	154,696	$ 1.6300	$ 252,155	$ 370,761
Total	2,508,602	$ 3.33	$ 8,344,864	2,514,527	$ 0.77	$ 1,927,888	2,514,527	$ 1.63	$ 4,098,679	$ 6,026,566

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
Total	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
February	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
March	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
April	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
May	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
June	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
July	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
August	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
September	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
October	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
November	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -
December	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to calculate the expected billing when forecasted 2014 Uniform Transmission Rates are applied against historical 2012 transmission units.

Total	-	$	-	$	-	-	$	-	$	-	-	$	-	$	-	$	-

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,352,135	$ 3.59	$ 4,848,400	1,430,784	$ 0.75	$ 1,076,360	527,471	$ 1.77	$ 932,707	$ 2,009,067
February	1,246,603	$ 3.58	$ 4,467,289	1,332,519	$ 0.75	$ 1,002,587	486,281	$ 1.76	$ 857,494	$ 1,860,081
March	1,246,491	$ 3.59	$ 4,469,659	1,328,928	$ 0.75	$ 999,774	487,382	$ 1.77	$ 861,108	$ 1,860,882
April	1,174,496	$ 3.58	$ 4,205,674	1,302,330	$ 0.75	$ 979,976	475,410	$ 1.76	$ 836,980	$ 1,816,956
May	1,580,500	$ 3.59	$ 5,667,285	1,648,259	$ 0.75	$ 1,240,043	602,003	$ 1.77	$ 1,063,003	$ 2,303,046
June	1,896,825	$ 3.59	$ 6,805,598	1,964,864	$ 0.75	$ 1,478,043	715,303	$ 1.77	$ 1,265,410	$ 2,743,453
July	1,922,529	$ 3.59	$ 6,898,375	1,981,008	$ 0.75	$ 1,490,180	748,232	$ 1.77	$ 1,325,945	$ 2,816,126
August	1,667,611	$ 3.59	$ 5,983,133	1,761,953	$ 0.75	$ 1,325,334	665,729	$ 1.77	$ 1,180,620	$ 2,505,955
September	1,490,026	$ 3.59	$ 5,346,666	1,567,332	$ 0.75	$ 1,178,921	603,445	$ 1.78	$ 1,071,297	$ 2,250,217
October	1,213,477	$ 3.58	$ 4,345,028	1,285,650	$ 0.75	$ 967,535	516,490	$ 1.77	$ 912,062	$ 1,879,598
November	1,279,533	$ 3.58	$ 4,583,381	1,342,720	$ 0.75	$ 1,010,415	538,888	$ 1.77	$ 952,483	$ 1,962,898
December	1,280,732	$ 3.59	$ 4,602,127	1,350,228	$ 0.75	$ 1,015,255	504,085	$ 1.78	$ 898,525	$ 1,913,779
Total	17,350,958	$ 3.59	$ 62,222,616	18,296,575	$ 0.75	$ 13,764,424	6,870,719	$ 1.77	$ 12,157,634	$ 25,922,058

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Unit	Current RTSR-Network	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR Network
Residential	kWh	$ 0.0074	2,867,980,543	-	$ 21,223,056	33.8%	$ 21,040,530	$0.0073
General Service Less Than 50 kW	kWh	$ 0.0067	1,054,180,707	-	$ 7,063,011	11.3%	$ 7,002,266	$0.0066
General Service 50 to 4,999 kW	kW	$ 2.7151	-	6,730,683	$ 18,274,477	29.1%	$ 18,117,309	$2.6917
General Service 50 to 4,999 kW – Interval Metered	kW	$ 2.8462	-	5,358,368	$ 15,250,988	24.3%	$ 15,119,823	$2.8217
Large Use	kW	$ 3.2216	-	159,258	$ 513,067	0.8%	$ 508,654	$3.1939
Unmetered Scattered Load	kWh	$ 0.0067	13,418,414	-	$ 89,903	0.1%	$ 89,130	$0.0066
Sentinel Lighting	kW	$ 2.0984	-	1,073	$ 2,251	0.0%	$ 2,232	$2.0804
Street Lighting	kW	$ 2.0650	-	167,382	$ 345,644	0.6%	$ 342,672	$2.0472
					$ 62,762,397			

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Unit	Current RTSR-Connection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR Connection
Residential	kWh	$ 0.0032	2,867,980,543	-	$ 9,177,538	35.1%	$ 9,094,956	$0.0032
General Service Less Than 50 kW	kWh	$ 0.0028	1,054,180,707	-	$ 2,951,706	11.3%	$ 2,925,146	$0.0028
General Service 50 to 4,999 kW	kW	$ 1.0903	-	6,730,683	$ 7,338,464	28.1%	$ 7,272,430	$1.0805
General Service 50 to 4,999 kW – Interval Metered	kW	$ 1.1797	-	5,358,368	$ 6,321,267	24.2%	$ 6,264,386	$1.1691
Large Use	kW	$ 1.1183	-	159,258	$ 178,099	0.7%	$ 176,496	$1.1082
Unmetered Scattered Load	kWh	$ 0.0031	13,418,414	-	$ 41,597	0.2%	$ 41,223	$0.0031
Sentinel Lighting	kW	$ 0.8024	-	1,073	$ 861	0.0%	$ 853	$0.7952
Street Lighting	kW	$ 0.8836	-	167,382	$ 147,899	0.6%	$ 146,568	$0.8756
					$ 26,157,430			

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to update the re-align RTS Network Rates to recover forecast wholesale network costs.

Rate Class	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Network
Residential	kWh	$0.0073	2,867,980,543	-	21,040,529.51	33.8%	$ 21,040,530	$0.0073
General Service Less Than 50 kW	kWh	$0.0066	1,054,180,707	-	$ 7,002,266	11.3%	$ 7,002,266	$0.0066
General Service 50 to 4,999 kW	kW	$2.6917	0	6,730,683	$ 18,117,309	29.1%	$ 18,117,309	$2.6917
General Service 50 to 4,999 kW – Interval Metered	kW	$2.8217	0	5,358,368	$ 15,119,823	24.3%	$ 15,119,823	$2.8217
Large Use	kW	$3.1939	0	159,258	$ 508,654	0.8%	$ 508,654	$3.1939
Unmetered Scattered Load	kWh	$0.0066	13,418,414	-	$ 89,130	0.1%	$ 89,130	$0.0066
Sentinel Lighting	kW	$2.0804	0	1,073	$ 2,232	0.0%	$ 2,232	$2.0804
Street Lighting	kW	$2.0472	0	167,382	$ 342,672	0.6%	$ 342,672	$2.0472
					$ 62,222,616			

RTSR Workform for Electricity Distributors (2014 Filers)

The purpose of this sheet is to update the re-aligned RTS Connection Rates to recover forecast wholesale connection costs.

Rate Class	Unit	Adjusted RTSR-Connection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Connection
Residential	kWh	$ 0.0032	2,867,980,543	-	$ 9,094,956	35.1%	$ 9,094,956	$ 0.0032
General Service Less Than 50 kW	kWh	$ 0.0028	1,054,180,707	-	$ 2,925,146	11.3%	$ 2,925,146	$ 0.0028
General Service 50 to 4,999 kW	kW	$ 1.0805	-	6,730,683	$ 7,272,430	28.1%	$ 7,272,430	$ 1.0805
General Service 50 to 4,999 kW – Interval Metered	kW	$ 1.1691	-	5,358,368	$ 6,264,386	24.2%	$ 6,264,386	$ 1.1691
Large Use	kW	$ 1.1082	-	159,258	$ 176,496	0.7%	$ 176,496	$ 1.1082
Unmetered Scattered Load	kWh	$ 0.0031	13,418,414	-	$ 41,223	0.2%	$ 41,223	$ 0.0031
Sentinel Lighting	kW	$ 0.7952	-	1,073	$ 853	0.0%	$ 853	$ 0.7952
Street Lighting	kW	$ 0.8756	-	167,382	$ 146,568	0.6%	$ 146,568	$ 0.8756
					$ 25,922,058			

RTSR Workform for Electricity Distributors (2014 Filers)

For Cost of Service Applicants, please enter the following Proposed RTS rates into your rates model.

For IRM applicants, please enter these rates into the 2013 IRM Rate Generator, Sheet 11 "Proposed Rates", column I.
Please note that the rate descriptions for the RTSRs are transfered automatically from Sheet 4 to Sheet 11, Column A.

Rate Class	Unit	Proposed RTSR Network	Proposed RTSR Connection
Residential	kWh	$ 0.0073	$ 0.0032
General Service Less Than 50 kW	kWh	$ 0.0066	$ 0.0028
General Service 50 to 4,999 kW	kW	$ 2.6917	$ 1.0805
General Service 50 to 4,999 kW – Interval Metered	kW	$ 2.8217	$ 1.1691
Large Use	kW	$ 3.1939	$ 1.1082
Unmetered Scattered Load	kWh	$ 0.0066	$ 0.0031
Sentinel Lighting	kW	$ 2.0804	$ 0.7952
Street Lighting	kW	$ 2.0472	$ 0.8756

APPENDIX F

INCREMENTAL CAPITAL WORK FORM AND INCREMENTAL CAPITAL PROJECT SUMMARIES

Incremental Capital Workform for 2014 Filers

VERSION 1.1

Applicant Name	**PowerStream Inc.**
Service Territory Name	**York Region and Simcoe County**
Application Type	**IRM3**
LDC Licence Number	**ED-2004-0420**
Applied for Effective Date	**January 1, 2014**
Stretch Factor Group	**III**
Stretch Factor Value	**0.30%**
Last COS Re-based Year	**2013**
Last COS OEB Application Number	**EB-2012-0161**
ICM Billing Determinants for Growth - Numerator	**2013 Re-Based Forecast**
ICM Billing Determinants for Growth - Denominator	**2012 Actual**

Incremental Capital Workform for 2014 Filers

Table of Contents

Rate Class and Re-Based Billing Determinants & Rates

Select the appropriate Rate Groups and Rate Classes from the drop-down menus in Columns C and D respectively. Following your selection, all appropriate input cells will be shaded green. Please input the billing determinants and base distribution rates from your last cost of service based rate application.

Last COS Re-based Year	2013
Last COS OEB Application Number	EB-2012-0161

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Tariff Service Charge D	Re-based Tariff Distribution Volumetric Rate kWh E	Re-based Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	308,309	2,732,090,682		12.34	0.0136	
GSLT50	General Service Less Than 50 kW	Customer	kWh	31,199	1,051,489,461		25.39	0.0135	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	4,662	4,560,475,622	12,149,352	134.81		3.2397
LU	Large Use	Customer	kW	2	63,129,774	188,221	5,808.40		1.3784
SB	Standby Power	Connection	kW	0	0	0	0.00		2.6854
USL	Unmetered Scattered Load	Connection	kWh	2,814	12,938,386		6.82	0.0155	
Sen	Sentinel Lighting	Connection	kW	120	474,523	1,242	3.32		7.8050
SL	Street Lighting	Connection	kW	83,370	60,349,776	177,059	1.22		6.4785
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						

Incremental Capital Workform for 2014 Filers

Removal of Rate Adders

Last COS Re-based Year	**2013**
Last COS OEB Application Number	**EB-2012-0161**

Rate Class	Re-based Tariff Service Charge A	Re-based Tariff Distribution Volumetric Rate kWh B	Re-based Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Distribution Volumetric kWh Rate Adders E	Distribution Volumetric kW Rate Adders F
Residential	12.34	0.0136	0.0000	0.00	0.0000	0.0000
General Service Less Than 50 kW	25.39	0.0135	0.0000	0.00	0.0000	0.0000
General Service 50 to 4,999 kW	134.81	0.0000	3.2397	0.00	0.0000	0.0000
Large Use	5,808.40	0.0000	1.3784	0.00	0.0000	0.0000
Standby Power	0.00	0.0000	2.6854	0.00	0.0000	0.0000
Unmetered Scattered Load	6.82	0.0155	0.0000	0.00	0.0000	0.0000
Sentinel Lighting	3.32	0.0000	7.8050	0.00	0.0000	0.0000
Street Lighting	1.22	0.0000	6.4785	0.00	0.0000	0.0000

Incremental Capital Workform
for 2014 Filers

Calculated Re-Based Revenue From Rates

Last COS Re-based Year	**2013**
Last COS OEB Application Number	**EB-2012-0161**

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Base Service Charge D	Re-based Base Distribution Volumetric Rate kWh E	Re-based Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	308,309	2,732,090,682	0	12.34	0.0136	0.0000	45,654,397	37,156,433	0	82,810,830
General Service Less Than 50 kW	31,199	1,051,489,461	0	25.39	0.0135	0.0000	9,505,711	14,195,108	0	23,700,819
General Service 50 to 4,999 kW	4,662	4,560,475,622	12,149,352	134.81	0.0000	3.2397	7,541,811	0	39,360,256	46,902,066
Large Use	2	63,129,774	188,221	5,808.40	0.0000	1.3784	139,402	0	259,444	398,845
Standby Power	0	0	0	0.00	0.0000	2.6854	0	0	0	0
Unmetered Scattered Load	2,814	12,938,386	0	6.82	0.0155	0.0000	230,298	200,545	0	430,843
Sentinel Lighting	120	474,523	1,242	3.32	0.0000	7.8050	4,781	0	9,694	14,475
Street Lighting	83,370	60,349,776	177,059	1.22	0.0000	6.4785	1,220,537	0	1,147,077	2,367,614
							64,296,936	51,552,086	40,776,470	156,625,492

Detailed Re-Based Revenue From Rates

Last COS Re-based Year	**2013**
Last COS OEB Application Number	**EB-2012-0161**

Applicants Rate Base

				Last Rate Re-based Amount		
Average Net Fixed Assets						
Gross Fixed Assets - Re-based Opening	$	755,624,393	A			
Add: CWIP Re-based Opening	$	-	B			
Re-based Capital Additions	$	82,777,503	C			
Re-based Capital Disposals	-$	2,292,000	D			
Re-based Capital Retirements	$	-	E			
Deduct: CWIP Re-based Closing	$	-	F			
Gross Fixed Assets - Re-based Closing	$	836,109,896	G			
Average Gross Fixed Assets				$	795,867,145	H = (A + G) / 2
Accumulated Depreciation - Re-based Opening	$	68,042,562	I			
Re-based Depreciation Expense	$	32,852,415	J			
Re-based Disposals			K			
Re-based Retirements	$	2,465,234	L			
Accumulated Depreciation - Re-based Closing	$	103,360,211	M			
Average Accumulated Depreciation				$	85,701,387	N = (I + M) / 2
Average Net Fixed Assets				**$**	**710,165,758**	O = H - N
Working Capital Allowance						
Working Capital Allowance Base	$	937,779,706	P			
Working Capital Allowance Rate		13.0%	Q			
Working Capital Allowance				**$**	**121,911,362**	R = P * Q
Rate Base				**$**	**832,077,120**	S = O + R
Return on Rate Base						
Deemed ShortTerm Debt %		4.00%	T	$	33,283,085	W = S * T
Deemed Long Term Debt %		56.00%	U	$	465,963,187	X = S * U
Deemed Equity %		40.00%	V	$	332,830,848	Y = S * V
Short Term Interest		2.08%	Z	$	692,288	AC = W * Z
Long Term Interest		4.15%	AA	$	19,316,268	AD = X * AA
Return on Equity		8.93%	AB	$	29,721,795	AE = Y * AB
Return on Rate Base				**$**	**49,730,351**	AF = AC + AD + AE
Distribution Expenses						
OM&A Expenses	$	80,000,000	AG			
Amortization	$	32,852,395	AH			
Ontario Capital Tax (F1.1 Z-Factor Tax Changes)	$	-	AI			
Grossed Up PILs (F1.1 Z-Factor Tax Changes)	$	1,486,627	AJ			
Low Voltage	$	-	AK			
Transformer Allowance	$	2,435,656	AL			
			AM			
			AN			
			AO			
				$	**116,774,678**	AP = SUM (AG : AO)
Revenue Offsets						
Specific Service Charges	-$	3,385,000	AQ			
Late Payment Charges	-$	2,500,000	AR			
Other Distribution Income	-$	2,032,000	AS			
Other Income and Deductions	-$	1,927,598	AT	**-$**	**9,844,598**	AU = SUM (AQ : AT)
Revenue Requirement from Distribution Rates				**$**	**156,660,431**	AV = AF + AP + AU
Rate Classes Revenue						
Rate Classes Revenue - Total (B1.1 Re-based Revenue - Gen)				$	156,625,492	AW

Load Actual - 2012 Actual

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections A	Billed kWh B	Billed kW C	Base Service Charge D	Base Distribution Volumetric Rate kWh E	Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Total Revenue by Rate Class J = G + H + I
Residential	Customer	kWh	301,603	2,765,593,704	0	$12.34	$0.0136	$0.0000	$44,661,397	$37,612,074	$0	$82,273,471
General Service Less Than 50 kW	Customer	kWh	30,636	1,019,490,760	0	$25.39	$0.0135	$0.0000	$9,334,227	$13,763,125	$0	$23,097,353
General Service 50 to 4,999 kW	Customer	kW	4,687	4,581,886,335	12,165,749	$134.81	$0.0000	$3.2397	$7,581,984	$0	$39,413,378	$46,995,362
Large Use	Customer	kW	1	26,670,727	81,464	$5,808.40	$0.0000	$1.3784	$69,701	$0	$112,290	$181,990
Standby Power	Connection	kW	0	0	0	$0.00	$0.0000	$2.6854	$0	$0	$0	$0
Unmetered Scattered Load	Connection	kWh	2,816	12,933,395	0	$6.82	$0.0155	$0.0000	$230,427	$200,468	$0	$430,895
Sentinel Lighting	Connection	kW	117	413,091	1,071	$3.32	$0.0000	$7.8050	$4,675	$0	$8,357	$13,031
Street Lighting	Connection	kW	81,933	60,734,607	165,019	$1.22	$0.0000	$6.4785	$1,199,492	$0	$1,069,074	$2,268,566
									$63,081,903	**$51,575,667**	**$40,603,098**	**$155,260,668**

Incremental Capital Workform for 2014 Filers

This sheet is used to determine the applicants most current allocation of revenues (after the most recent revenue to cost ratio adjustment, if applicable) to be used to calculate the incremental capital rate riders.

Current Revenue from Rates

Rate Class	Fixed Metric	Vol Metric	Current Base Service Charge A	Current Base Distribution Volumetric Rate kWh B	Current Base Distribution Volumetric Rate kW C
Residential	Customer	kWh	12.34	0.0136	
General Service Less Than 50 kW	Customer	kWh	25.39	0.0135	
General Service 50 to 4,999 kW	Customer	kW	134.81		3.2397
Large Use	Customer	kW	5,808.40		1.3784
Standby Power	Connection	kW	0.00		2.6854
Unmetered Scattered Load	Connection	kWh	6.82	0.0155	
Sentinel Lighting	Connection	kW	3.32		7.8050
Street Lighting	Connection	kW	1.22		6.4785

Re-based Billed Customers or Connections D	Re-based Billed kWh E	Re-based Billed kW F	Current Base Service Charge Revenue G = A * D *12	Current Base Distribution Volumetric Rate kWh Revenue H = B * E
308,309	2,732,090,682	0	45,654,397	37,156,433
31,199	1,051,489,461	0	9,505,711	14,195,108
4,662	4,560,475,622	12,149,352	7,541,811	0
2	63,129,774	188,221	139,402	0
0	0	0	0	0
2,814	12,938,386	0	230,298	200,545
120	474,523	1,242	4,781	0
83,370	60,349,776	177,059	1,220,537	0
			64,296,936	51,552,086

Current Base Distribution Volumetric Rate kW Revenue I = C * F	Total Current Base Revenue J = G + H + I	Service Charge % Total Revenue L = G / $K	Distribution Volumetric Rate % Total Revenue M = H / $K	Distribution Volumetric Rate % Total Revenue N = I / $K	Total % Revenue O = J / $K
0	82,810,830	29.1%	23.7%	0.0%	52.9%
0	23,700,819	6.1%	9.1%	0.0%	15.1%
39,360,256	46,902,066	4.8%	0.0%	25.1%	29.9%
259,444	398,845	0.1%	0.0%	0.2%	0.3%
0	0	0.0%	0.0%	0.0%	0.0%
0	430,843	0.1%	0.1%	0.0%	0.3%
9,694	14,475	0.0%	0.0%	0.0%	0.0%
1,147,077	2,367,614	0.8%	0.0%	0.7%	1.5%
40,776,470	156,625,492	41.1%	32.9%	26.0%	100.0%
	K				

Incremental Capital Workform for 2014 Filers

Threshold Parameters

Price Cap Index

Price Escalator (GDP-IPI)	1.60%	
Less Productivity Factor	-0.72%	
Less Stretch Factor	-0.30%	
Price Cap Index		**0.58%**

Growth

ICM Billing Determinants for Growth - Numerator : 2013 Re-Based Forecast	$ 156,625,492	A
ICM Billing Determinants for Growth - Denominator : 2012 Actual	$ 155,260,668	B
Growth	**0.88%**	C = A / B

Incremental Capital Workform for 2014 Filers

Threshold Test

Year	**2013**	
Price Cap Index	**0.58%**	**A**
Growth	**0.88%**	**B**
Dead Band	**20%**	**C**
Average Net Fixed Assets		
Gross Fixed Assets Opening	$755,624,393	
Add: CWIP Opening	$ -	
Capital Additions	$ 82,777,503	
Capital Disposals	-$ 2,292,000	
Capital Retirements	$ -	
Deduct: CWIP Closing	$ -	
Gross Fixed Assets - Closing	$836,109,896	
Average Gross Fixed Assets	$795,867,145	
Accumulated Depreciation - Opening	$ 68,042,562	
Depreciation Expense	$ 32,852,415	**D**
Disposals	$ -	
Retirements	$ 2,465,234	
Accumulated Depreciation - Closing	$103,360,211	
Average Accumulated Depreciation	$ 85,701,387	
Average Net Fixed Assets	$710,165,758	**E**
Working Capital Allowance		
Working Capital Allowance Base	$937,779,706	
Working Capital Allowance Rate	13%	
Working Capital Allowance	$121,911,362	**F**
Rate Base	**$832,077,120**	**G = E + F**
Depreciation	**D $ 32,852,415**	**H**
Threshold Test	**157.08%**	**I = 1 + (G / H) * (B + A * (1 + B)) + C**
Threshold CAPEX	$ 51,605,766	**J = H *I**

Incremental Capital Workform for 2014 Filers

Summary of Incremental Capital Projects (ICPs)

Calculation of Eligible Incremental Capital Amount

2014 Non-Discretionary Capital Budget (Including ICM Projects)		$69,815,617.00	**A**
Threshold CAPEX (as calculated on sheet E2.1)		$51,605,766.46	**B**
Eligible Incremental Capital Amount	=	$18,209,850.54	**C = A - B**

Summary of Proposed Incremental Capital Projects

Number of ICPs
5

Project ID #	Incremental Capital Non-Discretionary Project Description	Incremental Capital CAPEX	Amortization Expense	CCA
ICP 1	Underground Cable Rehabilitation	$10,853,278	$248,205	$888,119
ICP 2	System Renewal - Pole Replacements	$2,566,852	$60,053	$210,152
ICP 3	System Renewal - Station Replacements	$563,563	$20,979	$46,763
ICP 4	System Renewal - Switchgear and Transformer Replacement	$2,112,800	$49,554	$172,988
ICP 5	System Capacity Relief	$2,113,357	$50,004	$173,069
	Total Proposed Incremental Capital CAPEX	$18,209,850.54	$428,794.58	$1,491,091.61

Total Incremental Capital Amount for ICM Rate Rider Calculation $18,209,850.54

Note: The total incremental capital amount for the ICM rate rider calculation cannot exceed the eligible incremental capital amount.

Incremental Capital Workform for 2014 Filers

Incremental Capital Adjustment

Current Revenue Requirement

Current Revenue Requirement - Total			$ 156,660,431	**A**

Return on Rate Base

Incremental Capital CAPEX			$ 18,209,851	**B**
Depreciation Expense			$ 428,795	**C**
Incremental Capital CAPEX to be included in Rate Base			$ 17,781,056	**D = B - C**
Deemed ShortTerm Debt %	4.0%	**E**	$ 711,242	**G = D * E**
Deemed Long Term Debt %	56.0%	**F**	$ 9,957,391	**H = D * F**
Short Term Interest	2.08%	**I**	$ 14,794	**K = G * I**
Long Term Interest	4.15%	**J**	$ 412,779	**L = H * J**
Return on Rate Base - Interest			$ 427,572	**M = K + L**
Deemed Equity %	40.0%	**N**	$ 7,112,422	**P = D * N**
Return on Rate Base -Equity	8.93%	**O**	$ 635,139	**Q = P * O**
Return on Rate Base - Total			$ 1,062,712	**R = M + Q**

Amortization Expense

Amortization Expense - Incremental		**C**	$ 428,795	**S**

Grossed up PIL's

Regulatory Taxable Income		**O**	$ 635,139	**T**
Add Back Amortization Expense		**S**	$ 428,795	**U**
Deduct CCA			$ 1,491,092	**V**
Incremental Taxable Income			-$ 427,158	**W = T + U - V**
Current Tax Rate (F1.1 Z-Factor Tax Changes)	26.0%	**X**		
PIL's Before Gross Up			-$ 111,061	**Y = W * X**
Incremental Grossed Up PIL's			-$ 150,082	**Z = Y / (1 - X)**

Ontario Capital Tax

Incremental Capital CAPEX			$ 18,209,851	**AA**
Less : Available Capital Exemption (if any)			$ -	**AB**
Incremental Capital CAPEX subject to OCT			$ 18,209,851	**AC = AA - AB**
Ontario Capital Tax Rate (F1.1 Z-Factor Tax Changes)	0.000%	**AD**		
Incremental Ontario Capital Tax			$ -	**AE = AC * AD**

Incremental Revenue Requirement

Return on Rate Base - Total		**Q**	$ 1,062,712	**AF**
Amortization Expense - Total		**S**	$ 428,795	**AG**
Incremental Grossed Up PIL's		**Z**	-$ 150,082	**AH**
Incremental Ontario Capital Tax		**AE**	$ -	**AI**
Incremental Revenue Requirement			$ 1,341,424	**AJ = AF + AG + AH + AI**

Calculation of Incremental Capital Rate Rider - Option A Fixed and Variable

Rate Class	Service Charge % Revenue A	Distribution Volumetric Rate % Revenue kWh B	Distribution Volumetric Rate % Revenue kW C	Service Charge Revenue D = $N * A	Distribution Volumetric Rate Revenue kWh E = $N * B	Distribution Volumetric Rate Revenue kW F = $N * C	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections H	Billed kWh I	Billed kW J	Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rate Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
Residential	29.1%	23.7%	0.0%	##########	$ 318,227.43	$ -	$ 709,235.94	308,309	2,732,090,682	0	$0.105686	$0.000116	
General Service Less Than 50 kW	6.1%	9.1%	0.0%	$ 81,411.96	$ 121,574.44	$ -	$ 202,986.40	31,199	1,051,489,461	0	$0.217453	$0.000116	
General Service 50 to 4,999 kW	4.8%	0.0%	25.1%	$ 64,592.07	$ -	$ 337,102.14	$ 401,694.21	4,662	4,560,475,622	12,149,352	$1.154584	$0.000000	$0.027747
Large Use	0.1%	0.0%	0.2%	$ 1,193.91	$ -	$ 2,222.01	$ 3,415.92	2	63,129,774	188,221	$49.746223	$0.000000	$0.011805
Standby Power	0.0%	0.0%	0.0%	$ -	$ -	$ -	$ -	0	0	0			
Unmetered Scattered Load	0.1%	0.1%	0.0%	$ 1,972.39	$ 1,717.57	$ -	$ 3,689.97	2,814	12,938,386	0	$0.058410	$0.000133	
Sentinel Lighting	0.0%	0.0%	0.0%	$ 40.95	$ -	$ 83.02	$ 123.97	120	474,523	1,242	$0.028434	$0.000000	$0.066846
Street Lighting	0.8%	0.0%	0.7%	$ 10,453.33	$ -	$ 9,824.17	$ 20,277.50	83,370	60,349,776	177,059	$0.010449	$0.000000	$0.055485
				##########	$ 441,519.45	$ 349,231.35	$ 1,341,423.91						
							-						

Enter the above rate riders onto "Sheet
11. Proposed Rates" in the 2013 OEB IRM3 Rate Generator as a "Rate Rider for Incremental Capital"

Incremental Capital Workform for 2014 Filers

Calculation of Incremental Capital Rate Rider - Option B Variable

Rate Class	Total Revenue $ by Rate Class A	Total Revenue % by Rate Class B = A / $H	Total Incremental Capital $ by Rate Class C = $I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	$82,810,830	52.87%	$709,236	2,732,090,682	0	$0.0003	
General Service Less Than 50 kW	$23,700,819	15.13%	$202,986	1,051,489,461	0	$0.0002	
General Service 50 to 4,999 kW	$46,902,066	29.95%	$401,694	4,560,475,622	12,149,352		$0.0331
Large Use	$398,845	0.25%	$3,416	63,129,774	188,221		$0.0181
Standby Power	$0	0.00%	$0	0	0		
Unmetered Scattered Load	$430,843	0.28%	$3,690	12,938,386	0	$0.0003	
Sentinel Lighting	$14,475	0.01%	$124	474,523	1,242		$0.0998
Street Lighting	$2,367,614	1.51%	$20,277	60,349,776	177,059		$0.1145
	$156,625,492	100.00%	$1,341,424				
	H		I				

Enter the above rate riders onto "Sheet 11. Proposed Rates" in the 2013 OEB IRM3 Rate Generator as a "Rate Rider for Incremental Capital"

Incremental Capital Project Summary for 2014 Filers

Version **1.0**

Applicant Name:	**PowerStream Inc.**
Service Territory:	*York Region and Simcoe County*
Name:	**Tom Barrett**
Title:	**Manager, Rate Applications**
Phone Number:	**905.532.4640**
Email Address:	**tom.barrett@powerstream.ca**

Using the pull-down menu below, please identify what year of the IRM cycle you are in.

1st year of IRM cycle

Name or General Description of Project

System Renewal - Pole Replacements

Details of Project

See Appendix G

Asset Component	Capital Cost	Depreciation Rate	CCA Class	CCA Rate
1 Poles towers and fixtures	3,677,840	2.22%	47	8%
2 Overhead conductor and devices	1,098,033	2.50%	47	8%
3				
4				
5				

	2014	2015	2016	2017
Closing Net Fixed Asset	4,666,692	4,557,512	4,448,331	4,339,151
Amortization Expense	109,181	109,181	109,181	109,181
CCA	382,070	351,504	323,384	297,513

Fixed Asset Amortization and UCC 1

Name or General Description of Project

System Renewal - Pole Replacements

Asset Component

Poles towers and fixtures

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 3,677,840	$ 3,677,840	$ 3,677,840	$ 3,677,840
Capital Investment		$ 3,677,840	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 3,677,840	$ 3,677,840	$ 3,677,840	$ 3,677,840	$ 3,677,840
Opening Accumulated Amortization		$ -	$ 81,730	$ 163,459	$ 245,189	$ 326,919
Amortization	2%	$ 81,730	$ 81,730	$ 81,730	$ 81,730	$ 81,730
Closing Accumulated Amortization		$ 81,730	$ 163,459	$ 245,189	$ 326,919	$ 408,648
Opening Net Fixed Assets		$ -	$ 3,596,110	$ 3,514,381	$ 3,432,651	$ 3,350,921
Closing Net Fixed Assets		$ 3,596,110	$ 3,514,381	$ 3,432,651	$ 3,350,921	$ 3,269,192
Average Net Fixed Assets		$ 1,798,055	$ 3,555,245	$ 3,473,516	$ 3,391,786	$ 3,310,056

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 3,383,613	$ 3,112,924	$ 2,863,890	$ 2,634,779
Capital Additions		$ 3,677,840	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 3,677,840	$ 3,383,613	$ 3,112,924	$ 2,863,890	$ 2,634,779
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 3,677,840	$ 3,383,613	$ 3,112,924	$ 2,863,890	$ 2,634,779
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 294,227	$ 270,689	$ 249,034	$ 229,111	$ 210,782
Closing UCC		$ 3,383,613	$ 3,112,924	$ 2,863,890	$ 2,634,779	$ 2,423,996

Incremental Capital Project Summary for 2014 Filers

Fixed Asset Amortization and UCC 2

Name or General Description of Project

System Renewal - Pole Replacements

Asset Component

Overhead conductor and devices

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 1,098,033	$ 1,098,033	$ 1,098,033	$ 1,098,033
Capital Investment		$ 1,098,033	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 1,098,033	$ 1,098,033	$ 1,098,033	$ 1,098,033	$ 1,098,033
Opening Accumulated Amortization		$ -	$ 27,451	$ 54,902	$ 82,352	$ 109,803
Amortization	3%	$ 27,451	$ 27,451	$ 27,451	$ 27,451	$ 27,451
Closing Accumulated Amortization		$ 27,451	$ 54,902	$ 82,352	$ 109,803	$ 137,254
Opening Net Fixed Assets		$ -	$ 1,070,582	$ 1,043,131	$ 1,015,681	$ 988,230
Closing Net Fixed Assets		$ 1,070,582	$ 1,043,131	$ 1,015,681	$ 988,230	$ 960,779
Average Net Fixed Assets		$ 535,291	$ 1,056,857	$ 1,029,406	$ 1,001,955	$ 974,504

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 1,010,190	$ 929,375	$ 855,025	$ 786,623
Capital Additions		$ 1,098,033	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 1,098,033	$ 1,010,190	$ 929,375	$ 855,025	$ 786,623
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 1,098,033	$ 1,010,190	$ 929,375	$ 855,025	$ 786,623
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 87,843	$ 80,815	$ 74,350	$ 68,402	$ 62,930
Closing UCC		$ 1,010,190	$ 929,375	$ 855,025	$ 786,623	$ 723,693

Fixed Asset Amortization and UCC 3

Name or General Description of Project

System Renewal - Pole Replacements

Asset Component

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ -	$ -	$ -	$ -
Capital Investment		$ -	$ -	$ -	$ -	$ -
Closing Capital Investment		$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Amortization	0%	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets		$ -	$ -	$ -	$ -	$ -

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ -	$ -	$ -	$ -
Capital Additions		$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0					
CCA Rate	0%					
CCA		$ -	$ -	$ -	$ -	$ -
Closing UCC		$ -	$ -	$ -	$ -	$ -

Fixed Asset Amortization and UCC 4

Name or General Description of Project

System Renewal - Pole Replacements

Asset Component

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ -	$ -	$ -	$ -
Capital Investment		$ -	$ -	$ -	$ -	$ -
Closing Capital Investment		$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Amortization	0%	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets		$ -	$ -	$ -	$ -	$ -

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ -	$ -	$ -	$ -
Capital Additions		$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0					
CCA Rate	0%					
CCA		$ -	$ -	$ -	$ -	$ -
Closing UCC		$ -	$ -	$ -	$ -	$ -

Fixed Asset Amortization and UCC 5

Name or General Description of Project

System Renewal - Pole Replacements

Asset Component

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ -	$ -	$ -	$ -
Capital Investment		$ -	$ -	$ -	$ -	$ -
Closing Capital Investment		$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Amortization	0%	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets		$ -	$ -	$ -	$ -	$ -

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ -	$ -	$ -	$ -
Capital Additions		$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0					
CCA Rate	0%					
CCA		$ -	$ -	$ -	$ -	$ -
Closing UCC		$ -	$ -	$ -	$ -	$ -

Incremental Capital Project Summary for 2014 Filers

Version **1.0**

Applicant Name:	**PowerStream Inc.**
Service Territory:	*York Region and Simcoe County*
Name:	**Tom Barrett**
Title:	**Manager, Rate Applications**
Phone Number:	**905.532.4640**
Email Address:	**tom.barrett@powerstream.ca**

Incremental Capital Project Summary for 2014 Filers

Using the pull-down menu below, please identify what year of the IRM cycle you are in.

1st year of IRM cycle

Name or General Description of Project

Underground Cable Rehabilitation

Details of Project

See Appendix G

Asset Component		Capital Cost	Depreciation Rate	CCA Class	CCA Rate
1	Poles, towers and fixtures	53,925	2%	47	8%
2	Overhead conductor, devices, transformers, and services	301,598	3%	47	8%
3	Underground conduit	149,460	2%	47	8%
4	Underground conductor and devices	19,432,621	2%	47	8%
5	Underground transformers	245,564	3%	47	8%

	2014	2015	2016	2017
Closing Net Fixed Asset	19,731,917	19,280,666	18,829,416	18,378,165
Amortization Expense	451,251	451,251	451,251	451,251
CCA	1,614,653	1,485,481	1,366,643	1,257,311

Fixed Asset Amortization and UCC 1

Name or General Description of Project

Underground Cable Rehabilitation

Asset Component

Poles, towers and fixtures

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 53,925	$ 53,925	$ 53,925	$ 53,925
Capital Investment		$ 53,925	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 53,925	$ 53,925	$ 53,925	$ 53,925	$ 53,925
Opening Accumulated Amortization		$ -	$ 1,198	$ 2,397	$ 3,595	$ 4,793
Amortization	2%	$ 1,198	$ 1,198	$ 1,198	$ 1,198	$ 1,198
Closing Accumulated Amortization		$ 1,198	$ 2,397	$ 3,595	$ 4,793	$ 5,992
Opening Net Fixed Assets		$ -	$ 52,727	$ 51,528	$ 50,330	$ 49,132
Closing Net Fixed Assets		$ 52,727	$ 51,528	$ 50,330	$ 49,132	$ 47,933
Average Net Fixed Assets		$ 26,363	$ 52,128	$ 50,929	$ 49,731	$ 48,533

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 49,611	$ 45,642	$ 41,991	$ 38,631
Capital Additions		$ 53,925	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 53,925	$ 49,611	$ 45,642	$ 41,991	$ 38,631
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 53,925	$ 49,611	$ 45,642	$ 41,991	$ 38,631
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 4,314	$ 3,969	$ 3,651	$ 3,359	$ 3,091
Closing UCC		$ 49,611	$ 45,642	$ 41,991	$ 38,631	$ 35,541

Fixed Asset Amortization and UCC 2

Name or General Description of Project

Underground Cable Rehabilitation

Asset Component

Overhead conductor, devices, transformers, and services

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 301,598	$ 301,598	$ 301,598	$ 301,598
Capital Investment		$ 301,598	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 301,598	$ 301,598	$ 301,598	$ 301,598	$ 301,598
Opening Accumulated Amortization		$ -	$ 7,540	$ 15,080	$ 22,620	$ 30,160
Amortization	3%	$ 7,540	$ 7,540	$ 7,540	$ 7,540	$ 7,540
Closing Accumulated Amortization		$ 7,540	$ 15,080	$ 22,620	$ 30,160	$ 37,700
Opening Net Fixed Assets		$ -	$ 294,058	$ 286,518	$ 278,978	$ 271,438
Closing Net Fixed Assets		$ 294,058	$ 286,518	$ 278,978	$ 271,438	$ 263,898
Average Net Fixed Assets		$ 147,029	$ 290,288	$ 282,748	$ 275,208	$ 267,668

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 277,470	$ 255,273	$ 234,851	$ 216,063
Capital Additions		$ 301,598	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 301,598	$ 277,470	$ 255,273	$ 234,851	$ 216,063
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 301,598	$ 277,470	$ 255,273	$ 234,851	$ 216,063
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 24,128	$ 22,198	$ 20,422	$ 18,788	$ 17,285
Closing UCC		$ 277,470	$ 255,273	$ 234,851	$ 216,063	$ 198,778

Fixed Asset Amortization and UCC 3

Name or General Description of Project

Underground Cable Rehabilitation

Asset Component

Underground conduit

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 149,460	$ 149,460	$ 149,460	$ 149,460
Capital Investment		$ 149,460	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 149,460	$ 149,460	$ 149,460	$ 149,460	$ 149,460
Opening Accumulated Amortization		$ -	$ 2,491	$ 4,982	$ 7,473	$ 9,964
Amortization	2%	$ 2,491	$ 2,491	$ 2,491	$ 2,491	$ 2,491
Closing Accumulated Amortization		$ 2,491	$ 4,982	$ 7,473	$ 9,964	$ 12,455
Opening Net Fixed Assets		$ -	$ 146,969	$ 144,478	$ 141,987	$ 139,496
Closing Net Fixed Assets		$ 146,969	$ 144,478	$ 141,987	$ 139,496	$ 137,005
Average Net Fixed Assets		$ 73,485	$ 145,724	$ 143,233	$ 140,742	$ 138,251

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 137,503	$ 126,503	$ 116,383	$ 107,072
Capital Additions		$ 149,460	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 149,460	$ 137,503	$ 126,503	$ 116,383	$ 107,072
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 149,460	$ 137,503	$ 126,503	$ 116,383	$ 107,072
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 11,957	$ 11,000	$ 10,120	$ 9,311	$ 8,566
Closing UCC		$ 137,503	$ 126,503	$ 116,383	$ 107,072	$ 98,506

Fixed Asset Amortization and UCC 4

Name or General Description of Project

Underground Cable Rehabilitation

Asset Component

Underground conductor and devices

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 19,432,621	$ 19,432,621	$ 19,432,621	$ 19,432,621
Capital Investment		$ 19,432,621	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 19,432,621	$ 19,432,621	$ 19,432,621	$ 19,432,621	$ 19,432,621
Opening Accumulated Amortization		$ -	$ 431,836	$ 863,672	$ 1,295,508	$ 1,727,344
Amortization	2%	$ 431,836	$ 431,836	$ 431,836	$ 431,836	$ 431,836
Closing Accumulated Amortization		$ 431,836	$ 863,672	$ 1,295,508	$ 1,727,344	$ 2,159,180
Opening Net Fixed Assets		$ -	$ 19,000,785	$ 18,568,949	$ 18,137,113	$ 17,705,277
Closing Net Fixed Assets		$ 19,000,785	$ 18,568,949	$ 18,137,113	$ 17,705,277	$ 17,273,441
Average Net Fixed Assets		$ 9,500,392	$ 18,784,867	$ 18,353,031	$ 17,921,195	$ 17,489,359

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 17,878,011	$ 16,447,770	$ 15,131,949	$ 13,921,393
Capital Additions		$ 19,432,621	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 19,432,621	$ 17,878,011	$ 16,447,770	$ 15,131,949	$ 13,921,393
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 19,432,621	$ 17,878,011	$ 16,447,770	$ 15,131,949	$ 13,921,393
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 1,554,610	$ 1,430,241	$ 1,315,822	$ 1,210,556	$ 1,113,711
Closing UCC		$ 17,878,011	$ 16,447,770	$ 15,131,949	$ 13,921,393	$ 12,807,681

Fixed Asset Amortization and UCC 5

Name or General Description of Project

Underground Cable Rehabilitation

Asset Component

Underground transformers

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 245,564	$ 245,564	$ 245,564	$ 245,564
Capital Investment		$ 245,564	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 245,564	$ 245,564	$ 245,564	$ 245,564	$ 245,564
Opening Accumulated Amortization		$ -	$ 8,185	$ 16,371	$ 24,556	$ 32,742
Amortization	3%	$ 8,185	$ 8,185	$ 8,185	$ 8,185	$ 8,185
Closing Accumulated Amortization		$ 8,185	$ 16,371	$ 24,556	$ 32,742	$ 40,927
Opening Net Fixed Assets		$ -	$ 237,379	$ 229,193	$ 221,008	$ 212,822
Closing Net Fixed Assets		$ 237,379	$ 229,193	$ 221,008	$ 212,822	$ 204,637
Average Net Fixed Assets		$ 118,689	$ 233,286	$ 225,100	$ 216,915	$ 208,729

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 225,919	$ 207,845	$ 191,218	$ 175,920
Capital Additions		$ 245,564	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 245,564	$ 225,919	$ 207,845	$ 191,218	$ 175,920
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 245,564	$ 225,919	$ 207,845	$ 191,218	$ 175,920
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 19,645	$ 18,074	$ 16,628	$ 15,297	$ 14,074
Closing UCC		$ 225,919	$ 207,845	$ 191,218	$ 175,920	$ 161,847

Incremental Capital Project Summary for 2014 Filers

Version **1.0**

Applicant Name:	**PowerStream Inc.**
Service Territory:	*York Region and Simcoe County*
Name:	**Tom Barrett**
Title:	**Manager, Rate Applications**
Phone Number:	**905.532.4640**
Email Address:	**tom.barrett@powerstream.ca**

Incremental Capital Project Summary for 2014 Filers

Using the pull-down menu below, please identify what year of the IRM cycle you are in.

1st year of IRM cycle

Name or General Description of Project

System Renewal - Switchgear and Transformer Replacement

Details of Project

See Appendix G

Asset Component	Capital Cost	Depreciation Rate	CCA Class	CCA Rate
1 Underground Conductor and Devices	3,685,624	2%	47	8%
2 Underground Transformers	245,666	3%	47	8%
3				
4				
5				

	2014	2015	2016	2017
Closing Net Fixed Asset	3,841,198	3,751,107	3,661,015	3,570,924
Amortization Expense	90,092	90,092	90,092	90,092
CCA	314,503	289,343	266,196	244,900

Fixed Asset Amortization and UCC 1

Name or General Description of Project

System Renewal - Switchgear and Transformer Replacement

Asset Component

Underground Conductor and Devices

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 3,685,624	$ 3,685,624	$ 3,685,624	$ 3,685,624
Capital Investment		$ 3,685,624	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 3,685,624	$ 3,685,624	$ 3,685,624	$ 3,685,624	$ 3,685,624
Opening Accumulated Amortization		$ -	$ 81,903	$ 163,805	$ 245,708	$ 327,611
Amortization	2%	$ 81,903	$ 81,903	$ 81,903	$ 81,903	$ 81,903
Closing Accumulated Amortization		$ 81,903	$ 163,805	$ 245,708	$ 327,611	$ 409,514
Opening Net Fixed Assets		$ -	$ 3,603,721	$ 3,521,819	$ 3,439,916	$ 3,358,013
Closing Net Fixed Assets		$ 3,603,721	$ 3,521,819	$ 3,439,916	$ 3,358,013	$ 3,276,110
Average Net Fixed Assets		$ 1,801,861	$ 3,562,770	$ 3,480,867	$ 3,398,964	$ 3,317,062

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 3,390,774	$ 3,119,512	$ 2,869,951	$ 2,640,355
Capital Additions		$ 3,685,624	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 3,685,624	$ 3,390,774	$ 3,119,512	$ 2,869,951	$ 2,640,355
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 3,685,624	$ 3,390,774	$ 3,119,512	$ 2,869,951	$ 2,640,355
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 294,850	$ 271,262	$ 249,561	$ 229,596	$ 211,228
Closing UCC		$ 3,390,774	$ 3,119,512	$ 2,869,951	$ 2,640,355	$ 2,429,127

Fixed Asset Amortization and UCC 2

Name or General Description of Project

System Renewal - Switchgear and Transformer Replacement

Asset Component

Underground Transformers

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 245,666	$ 245,666	$ 245,666	$ 245,666
Capital Investment		$ 245,666	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 245,666	$ 245,666	$ 245,666	$ 245,666	$ 245,666
Opening Accumulated Amortization		$ -	$ 8,189	$ 16,378	$ 24,567	$ 32,755
Amortization	3%	$ 8,189	$ 8,189	$ 8,189	$ 8,189	$ 8,189
Closing Accumulated Amortization		$ 8,189	$ 16,378	$ 24,567	$ 32,755	$ 40,944
Opening Net Fixed Assets		$ -	$ 237,477	$ 229,288	$ 221,099	$ 212,911
Closing Net Fixed Assets		$ 237,477	$ 229,288	$ 221,099	$ 212,911	$ 204,722
Average Net Fixed Assets		$ 118,739	$ 233,383	$ 225,194	$ 217,005	$ 208,816

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 226,013	$ 207,932	$ 191,297	$ 175,993
Capital Additions		$ 245,666	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 245,666	$ 226,013	$ 207,932	$ 191,297	$ 175,993
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 245,666	$ 226,013	$ 207,932	$ 191,297	$ 175,993
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 19,653	$ 18,081	$ 16,635	$ 15,304	$ 14,079
Closing UCC		$ 226,013	$ 207,932	$ 191,297	$ 175,993	$ 161,914

Fixed Asset Amortization and UCC 3

Name or General Description of Project

System Renewal - Switchgear and Transformer Replacement

Asset Component

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ -	$ -	$ -	$ -
Capital Investment		$ -	$ -	$ -	$ -	$ -
Closing Capital Investment		$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Amortization	0%	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets		$ -	$ -	$ -	$ -	$ -

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ -	$ -	$ -	$ -
Capital Additions		$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0					
CCA Rate	0%					
CCA		$ -	$ -	$ -	$ -	$ -
Closing UCC		$ -	$ -	$ -	$ -	$ -

Incremental Capital Project Summary for 2014 Filers

Fixed Asset Amortization and UCC 4

Name or General Description of Project

System Renewal - Switchgear and Transformer Replacement

Asset Component

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ -	$ -	$ -	$ -
Capital Investment		$ -	$ -	$ -	$ -	$ -
Closing Capital Investment		$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Amortization	0%	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets		$ -	$ -	$ -	$ -	$ -

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ -	$ -	$ -	$ -
Capital Additions		$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0					
CCA Rate	0%					
CCA		$ -	$ -	$ -	$ -	$ -
Closing UCC		$ -	$ -	$ -	$ -	$ -

Incremental Capital Project Summary for 2014 Filers

Fixed Asset Amortization and UCC 5

Name or General Description of Project

System Renewal - Switchgear and Transformer Replacement

Asset Component

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ -	$ -	$ -	$ -
Capital Investment		$ -	$ -	$ -	$ -	$ -
Closing Capital Investment		$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Amortization	0%	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization		$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets		$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets		$ -	$ -	$ -	$ -	$ -

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ -	$ -	$ -	$ -
Capital Additions		$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0					
CCA Rate	0%					
CCA		$ -	$ -	$ -	$ -	$ -
Closing UCC		$ -	$ -	$ -	$ -	$ -

Incremental Capital Project Summary for 2014 Filers

Version **1.0**

Applicant Name:	**PowerStream Inc.**
Service Territory:	*York Region and Simcoe County*
Name:	**Tom Barrett**
Title:	**Manager, Rate Applications**
Phone Number:	**905.532.4640**
Email Address:	**tom.barrett@powerstream.ca**

Incremental Capital Project Summary for 2014 Filers

Using the pull-down menu below, please identify what year of the IRM cycle you are in.

1st year of IRM cycle

Name or General Description of Project

System Renewal - Station Replacements

Details of Project

See Appendix G

Asset Component	Capital Cost	Depreciation Rate	CCA Class	CCA Rate
1 Switchgear and Relays	407,256	3%	47	8%
2 Power Transformer	35,188	3%	47	8%
3 Poles, Towers and Fixtures	36,115	2%	47	8%
4 Overhead conductor and devices	384,843	3%	47	8%
5 Remote Terminal Units	199,331	7%	47	8%

	2014	2015	2016	2017
Closing Net Fixed Asset	1,024,593	986,452	948,312	910,171
Amortization Expense	38,140	38,140	38,140	38,140
CCA	85,019	78,217	71,960	66,203

Fixed Asset Amortization and UCC 1

Name or General Description of Project

System Renewal - Station Replacements

Asset Component

Switchgear and Relays

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 407,256	$ 407,256	$ 407,256	$ 407,256
Capital Investment		$ 407,256	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 407,256	$ 407,256	$ 407,256	$ 407,256	$ 407,256
Opening Accumulated Amortization		$ -	$ 13,562	$ 27,123	$ 40,685	$ 54,246
Amortization	3%	$ 13,562	$ 13,562	$ 13,562	$ 13,562	$ 13,562
Closing Accumulated Amortization		$ 13,562	$ 27,123	$ 40,685	$ 54,246	$ 67,808
Opening Net Fixed Assets		$ -	$ 393,694	$ 380,133	$ 366,571	$ 353,010
Closing Net Fixed Assets		$ 393,694	$ 380,133	$ 366,571	$ 353,010	$ 339,448
Average Net Fixed Assets		$ 196,847	$ 386,914	$ 373,352	$ 359,790	$ 346,229

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 374,676	$ 344,701	$ 317,125	$ 291,755
Capital Additions		$ 407,256	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 407,256	$ 374,676	$ 344,701	$ 317,125	$ 291,755
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 407,256	$ 374,676	$ 344,701	$ 317,125	$ 291,755
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 32,580	$ 29,974	$ 27,576	$ 25,370	$ 23,340
Closing UCC		$ 374,676	$ 344,701	$ 317,125	$ 291,755	$ 268,415

Fixed Asset Amortization and UCC 2

Name or General Description of Project

System Renewal - Station Replacements

Asset Component

Power Transformer

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 35,188	$ 35,188	$ 35,188	$ 35,188
Capital Investment		$ 35,188	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 35,188	$ 35,188	$ 35,188	$ 35,188	$ 35,188
Opening Accumulated Amortization		$ -	$ 880	$ 1,759	$ 2,639	$ 3,519
Amortization	3%	$ 880	$ 880	$ 880	$ 880	$ 880
Closing Accumulated Amortization		$ 880	$ 1,759	$ 2,639	$ 3,519	$ 4,399
Opening Net Fixed Assets		$ -	$ 34,308	$ 33,429	$ 32,549	$ 31,669
Closing Net Fixed Assets		$ 34,308	$ 33,429	$ 32,549	$ 31,669	$ 30,790
Average Net Fixed Assets		$ 17,154	$ 33,868	$ 32,989	$ 32,109	$ 31,229

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 32,373	$ 29,783	$ 27,400	$ 25,208
Capital Additions		$ 35,188	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 35,188	$ 32,373	$ 29,783	$ 27,400	$ 25,208
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 35,188	$ 32,373	$ 29,783	$ 27,400	$ 25,208
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 2,815	$ 2,590	$ 2,383	$ 2,192	$ 2,017
Closing UCC		$ 32,373	$ 29,783	$ 27,400	$ 25,208	$ 23,192

Fixed Asset Amortization and UCC 3

Name or General Description of Project

System Renewal - Station Replacements

Asset Component

Poles, Towers and Fixtures

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 36,115	$ 36,115	$ 36,115	$ 36,115
Capital Investment		$ 36,115	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 36,115	$ 36,115	$ 36,115	$ 36,115	$ 36,115
Opening Accumulated Amortization		$ -	$ 803	$ 1,605	$ 2,408	$ 3,210
Amortization	2%	$ 803	$ 803	$ 803	$ 803	$ 803
Closing Accumulated Amortization		$ 803	$ 1,605	$ 2,408	$ 3,210	$ 4,013
Opening Net Fixed Assets		$ -	$ 35,312	$ 34,510	$ 33,707	$ 32,905
Closing Net Fixed Assets		$ 35,312	$ 34,510	$ 33,707	$ 32,905	$ 32,102
Average Net Fixed Assets		$ 17,656	$ 34,911	$ 34,109	$ 33,306	$ 32,504

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 33,226	$ 30,568	$ 28,122	$ 25,873
Capital Additions		$ 36,115	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 36,115	$ 33,226	$ 30,568	$ 28,122	$ 25,873
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 36,115	$ 33,226	$ 30,568	$ 28,122	$ 25,873
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 2,889	$ 2,658	$ 2,445	$ 2,250	$ 2,070
Closing UCC		$ 33,226	$ 30,568	$ 28,122	$ 25,873	$ 23,803

Fixed Asset Amortization and UCC 4

Name or General Description of Project

System Renewal - Station Replacements

Asset Component

Overhead conductor and devices

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 384,843	$ 384,843	$ 384,843	$ 384,843
Capital Investment		$ 384,843	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 384,843	$ 384,843	$ 384,843	$ 384,843	$ 384,843
Opening Accumulated Amortization		$ -	$ 9,621	$ 19,242	$ 28,863	$ 38,484
Amortization	3%	$ 9,621	$ 9,621	$ 9,621	$ 9,621	$ 9,621
Closing Accumulated Amortization		$ 9,621	$ 19,242	$ 28,863	$ 38,484	$ 48,105
Opening Net Fixed Assets		$ -	$ 375,222	$ 365,601	$ 355,980	$ 346,359
Closing Net Fixed Assets		$ 375,222	$ 365,601	$ 355,980	$ 346,359	$ 336,738
Average Net Fixed Assets		$ 187,611	$ 370,411	$ 360,790	$ 351,169	$ 341,548

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 354,056	$ 325,731	$ 299,673	$ 275,699
Capital Additions		$ 384,843	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 384,843	$ 354,056	$ 325,731	$ 299,673	$ 275,699
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 384,843	$ 354,056	$ 325,731	$ 299,673	$ 275,699
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 30,787	$ 28,324	$ 26,058	$ 23,974	$ 22,056
Closing UCC		$ 354,056	$ 325,731	$ 299,673	$ 275,699	$ 253,643

Fixed Asset Amortization and UCC 5

Name or General Description of Project

System Renewal - Station Replacements

Asset Component

Remote Terminal Units

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 199,331	$ 199,331	$ 199,331	$ 199,331
Capital Investment		$ 199,331	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 199,331	$ 199,331	$ 199,331	$ 199,331	$ 199,331
Opening Accumulated Amortization		$ -	$ 13,275	$ 26,551	$ 39,826	$ 53,102
Amortization	7%	$ 13,275	$ 13,275	$ 13,275	$ 13,275	$ 13,275
Closing Accumulated Amortization		$ 13,275	$ 26,551	$ 39,826	$ 53,102	$ 66,377
Opening Net Fixed Assets		$ -	$ 186,056	$ 172,780	$ 159,505	$ 146,229
Closing Net Fixed Assets		$ 186,056	$ 172,780	$ 159,505	$ 146,229	$ 132,954
Average Net Fixed Assets		$ 93,028	$ 179,418	$ 166,142	$ 152,867	$ 139,591

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 183,385	$ 168,714	$ 155,217	$ 142,799
Capital Additions		$ 199,331	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 199,331	$ 183,385	$ 168,714	$ 155,217	$ 142,799
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 199,331	$ 183,385	$ 168,714	$ 155,217	$ 142,799
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 15,946	$ 14,671	$ 13,497	$ 12,417	$ 11,424
Closing UCC		$ 183,385	$ 168,714	$ 155,217	$ 142,799	$ 131,375

Incremental Capital Project Summary for 2014 Filers

Version **1.0**

Applicant Name:	**PowerStream Inc.**
Service Territory:	*York Region and Simcoe County*
Name:	**Tom Barrett**
Title:	**Manager, Rate Applications**
Phone Number:	**905.532.4640**
Email Address:	**tom.barrett@powerstream.ca**

Incremental Capital Project Summary for 2014 Filers

Using the pull-down menu below, please identify what year of the IRM cycle you are in.

1st year of IRM cycle

Name or General Description of Project

System Service: Distribution System Capacity Relief

Details of Project

See Appendix G

Asset Component		Capital Cost	Depreciation Rate	CCA Class	CCA Rate
1	Poles, towers and fixtures	774,737	2%	47	8%
2	Overhead conductor, devices, transformers, and services	574,508	3%	47	8%
3	Underground conductor and devices	2,414,323	2%	47	8%
4	Underground transformers	165,283	3%	47	8%
5	Underground services	4,272	4%	47	8%

	2014	2015	2016	2017
Closing Net Fixed Asset	3,842,212	3,751,301	3,660,390	3,569,479
Amortization Expense	90,911	90,911	90,911	90,911
CCA	314,650	289,478	266,320	245,014

Fixed Asset Amortization and UCC 1

Name or General Description of Project

System Service: Distribution System Capacity Relief

Asset Component

Poles, towers and fixtures

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 774,737	$ 774,737	$ 774,737	$ 774,737
Capital Investment		$ 774,737	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 774,737	$ 774,737	$ 774,737	$ 774,737	$ 774,737
Opening Accumulated Amortization		$ -	$ 17,216	$ 34,433	$ 51,649	$ 68,866
Amortization	2%	$ 17,216	$ 17,216	$ 17,216	$ 17,216	$ 17,216
Closing Accumulated Amortization		$ 17,216	$ 34,433	$ 51,649	$ 68,866	$ 86,082
Opening Net Fixed Assets		$ -	$ 757,521	$ 740,304	$ 723,088	$ 705,871
Closing Net Fixed Assets		$ 757,521	$ 740,304	$ 723,088	$ 705,871	$ 688,655
Average Net Fixed Assets		$ 378,760	$ 748,912	$ 731,696	$ 714,480	$ 697,263

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 712,758	$ 655,737	$ 603,278	$ 555,016
Capital Additions		$ 774,737	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 774,737	$ 712,758	$ 655,737	$ 603,278	$ 555,016
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 774,737	$ 712,758	$ 655,737	$ 603,278	$ 555,016
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 61,979	$ 57,021	$ 52,459	$ 48,262	$ 44,401
Closing UCC		$ 712,758	$ 655,737	$ 603,278	$ 555,016	$ 510,615

Fixed Asset Amortization and UCC 2

Name or General Description of Project

System Service: Distribution System Capacity Relief

Asset Component

Overhead conductor, devices, transformers, and services

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 574,508	$ 574,508	$ 574,508	$ 574,508
Capital Investment		$ 574,508	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 574,508	$ 574,508	$ 574,508	$ 574,508	$ 574,508
Opening Accumulated Amortization		$ -	$ 14,363	$ 28,725	$ 43,088	$ 57,451
Amortization	3%	$ 14,363	$ 14,363	$ 14,363	$ 14,363	$ 14,363
Closing Accumulated Amortization		$ 14,363	$ 28,725	$ 43,088	$ 57,451	$ 71,814
Opening Net Fixed Assets		$ -	$ 560,145	$ 545,783	$ 531,420	$ 517,057
Closing Net Fixed Assets		$ 560,145	$ 545,783	$ 531,420	$ 517,057	$ 502,695
Average Net Fixed Assets		$ 280,073	$ 552,964	$ 538,601	$ 524,239	$ 509,876

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 528,547	$ 486,264	$ 447,362	$ 411,573
Capital Additions		$ 574,508	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 574,508	$ 528,547	$ 486,264	$ 447,362	$ 411,573
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 574,508	$ 528,547	$ 486,264	$ 447,362	$ 411,573
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 45,961	$ 42,284	$ 38,901	$ 35,789	$ 32,926
Closing UCC		$ 528,547	$ 486,264	$ 447,362	$ 411,573	$ 378,648

Fixed Asset Amortization and UCC 3

Name or General Description of Project

System Service: Distribution System Capacity Relief

Asset Component

Underground conductor and devices

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 2,414,323	$ 2,414,323	$ 2,414,323	$ 2,414,323
Capital Investment		$ 2,414,323	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 2,414,323	$ 2,414,323	$ 2,414,323	$ 2,414,323	$ 2,414,323
Opening Accumulated Amortization		$ -	$ 53,652	$ 107,303	$ 160,955	$ 214,606
Amortization	2%	$ 53,652	$ 53,652	$ 53,652	$ 53,652	$ 53,652
Closing Accumulated Amortization		$ 53,652	$ 107,303	$ 160,955	$ 214,606	$ 268,258
Opening Net Fixed Assets		$ -	$ 2,360,671	$ 2,307,020	$ 2,253,368	$ 2,199,717
Closing Net Fixed Assets		$ 2,360,671	$ 2,307,020	$ 2,253,368	$ 2,199,717	$ 2,146,065
Average Net Fixed Assets		$ 1,180,336	$ 2,333,846	$ 2,280,194	$ 2,226,542	$ 2,172,891

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 2,221,177	$ 2,043,483	$ 1,880,004	$ 1,729,604
Capital Additions		$ 2,414,323	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 2,414,323	$ 2,221,177	$ 2,043,483	$ 1,880,004	$ 1,729,604
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 2,414,323	$ 2,221,177	$ 2,043,483	$ 1,880,004	$ 1,729,604
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 193,146	$ 177,694	$ 163,479	$ 150,400	$ 138,368
Closing UCC		$ 2,221,177	$ 2,043,483	$ 1,880,004	$ 1,729,604	$ 1,591,236

Fixed Asset Amortization and UCC 4

Name or General Description of Project

System Service: Distribution System Capacity Relief

Asset Component

Underground transformers

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 165,283	$ 165,283	$ 165,283	$ 165,283
Capital Investment		$ 165,283	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 165,283	$ 165,283	$ 165,283	$ 165,283	$ 165,283
Opening Accumulated Amortization		$ -	$ 5,509	$ 11,019	$ 16,528	$ 22,038
Amortization	3%	$ 5,509	$ 5,509	$ 5,509	$ 5,509	$ 5,509
Closing Accumulated Amortization		$ 5,509	$ 11,019	$ 16,528	$ 22,038	$ 27,547
Opening Net Fixed Assets		$ -	$ 159,774	$ 154,264	$ 148,755	$ 143,245
Closing Net Fixed Assets		$ 159,774	$ 154,264	$ 148,755	$ 143,245	$ 137,736
Average Net Fixed Assets		$ 79,887	$ 157,019	$ 151,509	$ 146,000	$ 140,491

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 152,060	$ 139,896	$ 128,704	$ 118,408
Capital Additions		$ 165,283	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 165,283	$ 152,060	$ 139,896	$ 128,704	$ 118,408
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 165,283	$ 152,060	$ 139,896	$ 128,704	$ 118,408
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 13,223	$ 12,165	$ 11,192	$ 10,296	$ 9,473
Closing UCC		$ 152,060	$ 139,896	$ 128,704	$ 118,408	$ 108,935

Fixed Asset Amortization and UCC 5

Name or General Description of Project

System Service: Distribution System Capacity Relief

Asset Component

Underground services

Average Net Fixed Assets

Net Fixed Assets

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening Capital Investment		$ -	$ 4,272	$ 4,272	$ 4,272	$ 4,272
Capital Investment		$ 4,272	$ -	$ -	$ -	$ -
Closing Capital Investment		$ 4,272	$ 4,272	$ 4,272	$ 4,272	$ 4,272
Opening Accumulated Amortization		$ -	$ 171	$ 342	$ 513	$ 684
Amortization	4%	$ 171	$ 171	$ 171	$ 171	$ 171
Closing Accumulated Amortization		$ 171	$ 342	$ 513	$ 684	$ 854
Opening Net Fixed Assets		$ -	$ 4,101	$ 3,930	$ 3,759	$ 3,588
Closing Net Fixed Assets		$ 4,101	$ 3,930	$ 3,759	$ 3,588	$ 3,418
Average Net Fixed Assets		$ 2,051	$ 4,016	$ 3,845	$ 3,674	$ 3,503

For PILs Calculation

UCC

		2014 Forecasted	2015 Forecasted	2016 Forecasted	2017 Forecasted	2018 Forecasted
Opening UCC		$ -	$ 3,930	$ 3,616	$ 3,327	$ 3,060
Capital Additions		$ 4,272	$ -	$ -	$ -	$ -
UCC Before Half Year Rule		$ 4,272	$ 3,930	$ 3,616	$ 3,327	$ 3,060
Half Year Rule (1/2 Additions - Disposals)		$ -	$ -	$ -	$ -	$ -
Reduced UCC		$ 4,272	$ 3,930	$ 3,616	$ 3,327	$ 3,060
CCA Rate Class	47					
CCA Rate	8%					
CCA		$ 342	$ 314	$ 289	$ 266	$ 245
Closing UCC		$ 3,930	$ 3,616	$ 3,327	$ 3,060	$ 2,816

APPENDIX G

INCREMENTAL CAPITAL ELIGIBLE PROJECTS DETAILS

INCREMENTAL CAPITAL ELIGIBLE PROJECTS DETAILS

Program Title: Pole Replacement Program

2014 Capital Expenditure $4,775,873 ($4,895,466 in 2013)

Background:

PowerStream owns approximately 42,100 distribution poles. These assets are critical to the safe and reliable distribution of electricity, and physically support several other kinds of assets including conductors, transformers, insulators and switches. Most poles are located in public thoroughfares and all poles are essential for the purpose of securely suspending energized distribution equipment at a safe distance above the ground.

Through an annual inspection and testing program, PowerStream monitors the condition of its poles to ensure that they meet minimum requirements for safety and reliability. Among other factors, PowerStream is guided in its pole assessment process by Clause 8.3.1.3 of Canadian Standards Association ("CSA") Standard C22.3 No. 1-10, which states that:

> *"when the strength of a structure has deteriorated to 60% of the required capacity, the structure shall be reinforced or replaced".*

Other considerations include pole condition information such as rot, decay, splitting, insect infestation, bending, and leaning. PowerStream believes that the replacement of poles exhibiting poor (or worse) condition is non-discretionary in view of compliance with the CSA code, as well as considerations for safety of the public and for workers operating in, on, or around the poles and their associated equipment.

The results of the annual inspection and testing program indicate 400 poles require replacement. The pole replacement candidates are selected based on the combination of the following three categories:

Category 1: Poles that have less than 60% remaining strength which are needed to be addressed to meet the requirement of CSA Standard Clause 8.3.1.3.

Category 2: Poles that have more than 60% remaining strength but exhibit worsening conditions such as rot, decay, splitting, insect infestation, bending, and leaning and present a high probability of failure which presents a safety risk to employees and public.

Program Description

PowerStream proposes the replacement of 400 poles for its 2014 program (256 in Category 1 and 144 in Category 2 in 2014). The total cost of this pole replacement program is estimated at $4.8M, and PowerStream forecasts that the replacements will be complete by the end of 2014, such that the new assets will be in service during that year.

This pole replacement program is focussed on replacement of poles where replacement of the poles is necessary as determined through compliance with code/safety requirements or end of life analysis. This program does not include pole replacement needed for other reasons such as road widenings or voltage conversions.

Cost Details

The total cost of the installation of the 400 poles is estimated to be $4,775,873. The unit cost of each pole installation is widely varied and is dependent on the type of the pole configuration, including the height, number of primary circuits, field conditions, presence of other equipment such as switches, transformers, secondary and joint use, etc.

When an existing pole is replaced, PowerStream must install the new pole according to the current standards. In most cases the existing associated components attached to the existing pole are also at end-of-life and therefore must also be replaced. Examples of the associated components are: brackets, cross arms, down guys, anchors, ground wires, insulators, arresters, and fasteners. If in any particular case, the pole has transformers, switches, or other equipment with significant remaining life, these are salvaged and re-used.

In general, the more complicated the existing pole configuration the more it cost to remove the existing pole and install the new pole. Some examples of the unit costs are listed in Table 1 below.

Table 1: Typical Installation Costs

Example: Configuration	Unit Installation Cost
1 circuit tangent pole	$4,900
2 circuit tangent pole	$6,800
3 circuit tangent pole	$12,000
4 circuit tangent pole	$12,800
3 circuit dead-end pole	$18,50

A detailed cost breakdown of an installation of 3 circuit tangent pole is shown in Table 2 below.

Table 2: Detailed Cost Breakdown of a 3 Circuit Tangent Pole

Cost Item	Cost
Labour	$4,435
Contract	$625
Material	$6,480
Design	$460
Total Cost	**$12,000**

The “Material Cost” is the cost of the pole and the various associated components attached to the pole such as the brackets, cross arms, down guys, anchors, ground wires, insulators, arresters, and fasteners. On a typical installation the associated component cost is around 20% of the pole costs.

Risk Assessment

The risk of pole failure arising from pole condition (as distinct from other factors such as vehicle impacts) rises directly as pole condition deteriorates. While a pole that is in poor condition may be capable of sustaining its load under normal operating conditions, the presence of any abnormal factors such as snow, ice and wind loads, or external impact, acting individually or in

combination, may cause instantaneous loads which exceed the ability of the pole to sustain. Pole design and specifications normally provide for a substantial margin of load bearing capacity over actual or peak loads; as a pole deteriorates, this margin shrinks and eventually disappears.

Because poles are physically interconnected by conductors, the risk of pole failure is also influenced by the condition of neighbouring poles. A series of poles in good condition may be capable of withstanding a substantial impact to one pole (for example, due to a vehicle collision) because neighbouring poles have sufficient load bearing capacity to support the damaged or severed pole and maintain energized equipment at a safe distance above the ground. However, as the condition of interconnected poles deteriorates, the reserve load bearing capacity of the poles diminishes, and the same vehicle impact (for example) could produce instantaneous loads which create a domino effect and cause the catastrophic failure of several interconnected poles at the same time.

The consequences of pole failure primarily affect safety (for the public and workers) as well as reliability. PowerStream's primary distribution network operates at high voltages (e.g., 44 kV and 27.6 kV) which are inherently dangerous to life and property. As such, safe clearances and limits of approach are defined and must be maintained. A key function of the pole system is to suspend equipment operating at high voltages at a safe height above the ground and clear of any potential approach or contact by people, vehicles, or other objects, in addition to simply supporting the equipment.

Catastrophic pole failure (i.e., the complete loss of structural integrity and function) creates unacceptable risks to the public and utility workers. In the first instance, the collapse of heavy poles and connected equipment can injure or kill people struck by them. In addition, since many poles are adjacent to roadways, a collapse into the roadway can cause serious vehicle collisions. Secondly, the catastrophic collapse of poles may bring energized equipment into contact with people and/or property, introducing the risk of electrocution, severe burns, and fire.

As a licensed electricity distributor, PowerStream has a responsibility to operate its distribution system in a safe manner. PowerStream takes this responsibility very seriously, and takes every

reasonable step to ensure that safe conditions on its distribution system are maintained at all times, and that any acutely unsafe condition is corrected immediately.

In addition to immediate risks to safety, catastrophic pole failure also presents potentially severe and prolonged reliability impacts. Even under ideal environmental conditions, the loss of one or more poles and the associated feeders can interrupt power to hundreds or thousands of customers for several hours before temporary repairs can be effected, any may cause further outages when permanent repairs are made. PowerStream's experience is that an outage of ten hours is typical in the case of pole failure.

INCREMENTAL CAPITAL ELIGIBLE PROJECTS DETAILS

Program Title: Cable Remediation

2014 Capital Expenditure $20,183,168 ($19,358,647 in 2013)

Background:

PowerStream has a considerable quantity of underground primary cable in-service (approximately 8,475 km). Cable is the main component of the underground electrical distribution system ("EDS") and when a cable segment fails, system reliability and customer service are negatively affected.

PowerStream monitors the condition of its primary cables to ensure that they meet minimum requirements for safety and reliability. The asset demographics indicate that annual remediation efforts are required to keep pace with the annual aging and deterioration of cables, and specifically, that the oldest cables of the PowerStream cable population are at end-of-life and are failing.

To manage the risk of large-scale primary cable failures, PowerStream has implemented a Cable Remediation Plan. The plan includes continuous work on assessing, prioritizing, and remediating the worst cable segments by a combination of cable injection and cable replacement.

PowerStream's approach to manage the high risk cable population is summarized below:

- Conduct testing to assess the condition of the cable;
- Use a cable prioritization system to select cable segment "candidates" for replacement or injection;
- Designate prioritized cable candidates for cable injection or cable replacement.

PowerStream's preference is to inject cables as a first choice for remediation. Research indicates that cable injection extends the life of cable for another 20 years; however, injection is only suitable and economical for some cable types and field conditions. It has been determined,

through analysis, that PowerStream's 26-30 old year cable is the suitable age for intervention by means of cable injection.

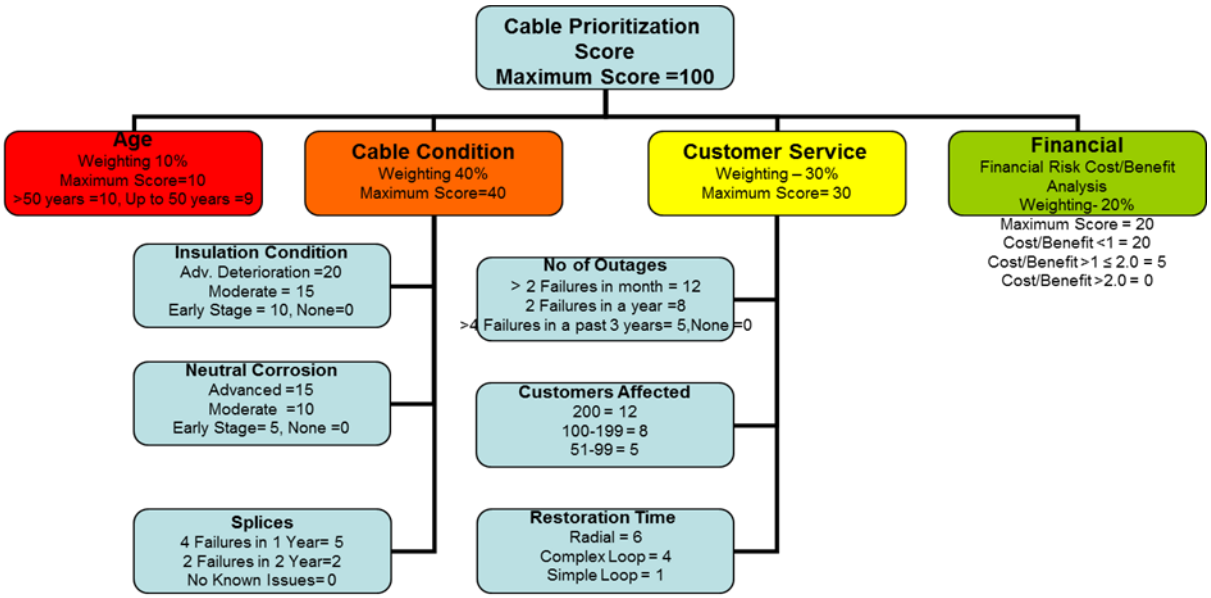
The Cable Replacement option is more expensive than the Cable Injection option with respect to the initial capital cost, but it has the advantage of resulting in new cable that will be utilized for a longer time. In comparing the two options: the extra life expected from injected cable is 20 years; the life of new cable is expected to be 50-55 years.

Program Description

PowerStream's plan for 2014 is to inject 57 km of cable length and to replace 62 km of cable length (the latter of which is at the end of life, unsuitable for cable injection and requires immediate intervention). This is consistent with the long term cable injection and replacement plan, first identified in PowerStream's 2013 COS application, for cables that are approaching the end of useful life.

In order to determine the cable candidates to be selected for replacement or injection remediation means, PowerStream has developed a prioritization methodology which takes into consideration the physical condition of the cable along other factors such as age, impact to customer service and financial benefit. Figure 1 shows the methodology used to screen and prioritize the candidates selected for injection or replacement.

Figure 1: Cable Prioritization Matrix



Cable condition is the most heavily weighted factor in terms of determining cables for replacement/injection. Cable condition is the key driver in determining remediation needs. PowerStream has had an ongoing program of cable testing since 2012 to determine the condition of high risk cables (26 years of age or older). PowerStream uses the accepted industry Tan Delta testing methodology to determine the insulation degradation. Institute of Electrical and Electronic Engineers ("IEEE") guidelines are used to correlate the test results with condition assessment. The tested cables in the high risk group are placed in one of three categories:

• Category 1: Cables that have been tested and the results are within the IEEE guidelines for accepted Tan- Delta values for good insulation condition

• Category 2: Cables that have been tested and the results fall marginally below the IEEE guidelines, yet display high failure rates due to faults within the cable or splices (aged, fair to poor insulation condition, cables can be considered candidates due to high failure rates and customer service impact)

• Category 3: Cables that have been tested and the results are below the acceptable IEEE guidelines (critically aged, very poor insulation condition – intervention required)

The cables that are being proposed to be remediated in 2014 exhibit Category 3 advanced insulation degradation and the results indicate that intervention is required.

The remaining factors in the prioritization matrix (customer service, financial, age) have decreasing factor weights with age being the lowest. In the absence of any other empirical data, age is the default indicator of when the cable approaches end of life.

Cost Details

The total cost of the 2014 Cable Remediation program is estimated at $20.2M, and PowerStream forecasts that the replacements will be complete by the end of 2014, such that the new assets will be in service during that year. See Table 1 below for injection/replacement split:

Table 1: Total Cost of Cable Remediation

2014 Cable Injection and Replacement Program Cost		
Intervention Method	Year	Cost ($)
Cable Injection	2014	3,952,582
Cable Replacement	2014	16,230,586
	Total	**20,183,168**

The cables that are identified for replacement are direct buried cables. The direct buried cables are being replaced with new cable that will be installed in ducts. Ducts provide mechanical protection against external factors and in the future, cables can be pulled out from the duct and replaced more easily than replacing a direct buried cable

Specific 2014 cable injection and cable replacement projects are shown in Table 2 and Table 3, below:

Table 2: 2014 Cable Injection Projects

	2014 Cable Injection Projects			
Area	**Major Intersection**	**Municipality**	**2014 Injection Length (m)**	**2014 Injection Cost**
M37: Warden & Denison	Warden & Denison	Markham	16,202	1,123,492.67
Barrie St & 8th Line	Barrie St & 8th Line	Bradford	3,045	211,171.68
M50: Bayview-John-Leslie-Hwy 7	Bayview & John	Markham	17,076	1,184,116.33
GWL (Great West Life)	Woodbine & Hwy 7	Markham	10,204	707,575.68
9th Ave. & 16th Ave.	9th Ave. & 16th Ave.	Markham	10,473	726,225.65
Total			**57,000**	**$3,952,582**

Table 3: 2014 Cable Replacement Projects

	2014 Cable Replacement Projects			
Area	**Major Intersection**	**Municipality**	**2014 Replacement Length (m)**	**2014 Replacement Cost**
Barrie St & 8th Line	Barrie St & 8th Line	Bradford	10,040	2,620,994.37
M50: Bayview-John-Leslie-Hwy 7	M50: Bayview-John-Leslie-Hwy 7	Markham	26,308	6,867,840.65
Little Ave-Fairview Rd-Huronia Rd	Little Ave & Fairview Rd	Barrie	3,000	783,165.65
Cundles & St. Vincent	Cundles & St. Vincent	Barrie	2,626	685,531.00
Bathurst & Wellington St. W	Bathurst & Wellington St. W	Aurora	10,000	2,610,552.17
Romfield Phase 4	Yonge & Bayview	Markham	10,199	2,662,502.16
Total			**62,173**	**$16,230,586**

Risk Assessment

As cable gets older and cable condition deteriorates, it will eventually fail. This has a direct impact on the utility goal to deliver power to its customers in a safe and reliable manner. This degrades customer service metrics.

Historical Failure Statistics:

The numbers of cable and splice failures over recent years are shown in Table 4. It can be seen that over the last few years, cable and splice failures have increased significantly at PowerStream. There were a total of 123 failures in 2012 whereas there were only 70-75 failures annually from 2005 to 2009.

Table 4: Failure History

	Number of Primary Cable and Splice Failures by Year							
Cause	2005	2006	2007	2008	2009	2010	2011	2012
Primary Cable and Splice Failure	70	52	70	75	75	81	103	123

Failure Impact on Customer Service

In 2012, cable and splice failures affected 42,724 customers and accounted for a total of 2,577,118 Customer Minutes of Interruption ("CMI") This is the largest CMI contributor within the category of equipment failures at PowerStream (24% of the total 10,551,661 CMI attributed to equipment failures in 2012).

There is an increasing correlation between increasing age/cable condition and increasing cable and splice failures. The risk of not taking proactive measures and allowing cables to fail and be replaced only under emergency response situations, will result in deteriorating customer metrics to the point where large-scale and wide spread cable failures may become unmanageable given the amount of cables that are at the end of life. As detailed in the 2013 COS Application, the quantities being proposed Cable Remediation are consistent with the long term 20 year plan for managing PowerStream's cable assets. It is important to note that after 20 years, PowerStream will have addressed the existing high risk cable group and the 1,745km of cable that is "relatively" new today will then be 41 to 45 years old. While this is a higher quantity of cable in that age range, as compared to the quantity that exists today, these cables will be 2nd and 3rd generation cables with improved production quality and corresponding longer expected service life as compared to the cable currently being addressed.

Reliability Benefit

PowerStream staff has calculated that proactively addressing the 119km of cable in the 2014 cable remediation program will save over 450,000 CMI versus a "do nothing" approach. The CMI saved is expected to provide an equivalent customer monetary value (outage avoidance) in the order of $4M to the combined residential and commercial/industrial customer sectors.

INCREMENTAL CAPITAL ELIGIBLE PROJECTS DETAILS

Program Title: Switching Units and Transformers

2014 Capital Expenditure $3,931,290 ($3,530,841 in 2013)

Background:

PowerStream owns over 38,000 underground switching units and transformers. Underground switching units (padmount switchgear and Mini-rupter switches) and transformers (padmount, vault and submersible) are critical components of PowerStream's Electrical Distribution System ("EDS"). As these units age and their functional abilities deteriorate, the need for replacement increases in order to maintain the integrity and safety of the EDS.

Switchgear

Padmounted switchgear units are used in distribution cable feeder loops supplying residential subdivisions and commercial/industrial customers. Switchgear units are utilized to isolate/control other equipment, and to reconfigure the distribution cable feeder loops for maintenance, restoration or other operating requirements.

Each year, PowerStream inspects padmount switchgear according to the inspection requirements established by the OEB Distribution System Code and ESA Regulation 22/04. Replacement "candidates" are selected based on a combination of inspection results (physical condition) and a calculated asset health index. The following factors are used to calculate the switchgear asset health index:

- Equipment age
- Structural integrity
- Presence of "hotspots"
- Condition of mechanical mechanism
- Condition of bus insulation

Switchgear units that have been classified to have a "poor" health index condition are proposed to be replaced in 2014.

Mini-rupter Switches

Mini-rupter switches are used in distribution feeder loops supplying industrial commercial/industrial customers. Mini-rupter units are three pole-gang operated interrupter switches that are used for switching on underground distribution circuits and are typically installed in vault rooms (i.e. a confined space). There have been several flashover failures of Mini-rupter switches and the risk of confined space injury to personnel has reached a point where restrictions on switching of these units (not to be switched energized) have been put in place.

Similar to switchgear, PowerStream inspects Mini-rupter installations according to the inspection requirements established by the OEB Distribution System Code and ESA Regulation 22/04. Replacement candidates are selected based on a combination of inspection results (physical condition), confined space safety risk assessment to personnel and a calculated asset health index. The following factors are used to calculate the Mini-rupter asset health index:

- Equipment age
- Structural integrity
- Presence of “hotspots”
- Physical condition of arc interrupter.
- Condition of “quick-make” and “quick-break” mechanism

Mini-rupter units that have been classified to have a “poor” health index condition are proposed to be replaced in 2014.

Submersible Transformers

Transformers are used to step down the primary voltage to a lower secondary voltage that supplies customers. A number of submersible transformers are installed at the bottom of street light poles. These are old and unique installations that include a submersible transformer in a small congested ground access pit, open air fusing in a metalclad streetlight fixture and fixed primary connections. They are obsolete, no longer manufactured and spare parts are non-existent. The fixed primary connection does not allow for switching resulting in considerable

outage disruptions to customers whenever work is required to be performed on the units or in the general vicinity.

Submersible transformers have been classified to have a "poor" condition health index and are proposed to be replaced in 2014.

Padmount Transformers

Padmount transformers may be single-phase or three-phase depending on the customer and type of load. The pad mount transformers in PowerStream's distribution system consist of transformer as low as 50kVA typically supplying residential customers and as high as 3,000 kVA supplying industrial customers. These transformers are oil filled and employ sealed tank construction.

Distribution transformers feeding residential customers, typically have minimal reliability impact upon failure. As such, utilities (including PowerStream) generally operate residential distribution transformers to failure due to the small per unit residential impact. For severely degraded units, there can be safety and environmental consequences, which may necessitate replacement before failure. For larger distribution transformers supplying commercial or industrial customers, where reduction in reliability impacts may be high, transformers may be replaced as they near the end of life.

Similar to switchgear, PowerStream inspects padmount transformer installations according to the inspection requirements established by the OEB Distribution System Code and ESA Regulation 22/04. Replacement candidates are selected based on safety or environmental concern identified through the inspection program. Visual inspections provide considerable information on transformer asset condition. Leaks, cracked bushings, and rusting of tanks can all be established by visual inspections. Inspected transformers will be classified in one of three categories:

- Code A = Corrective measures/follow-up are required at the earliest possible opportunity, i.e. immediate;
- Code B = Assessment required for corrective action in the next budget cycle; and
- Code C = No specific time frame for corrective measures are required. Follow the regular maintenance cycle.

Padmount transformers that have been classified as “Code B” are proposed to be replaced in 2014.

Program Description

The Switching Unit and Transformer program therefore includes replacing end of life units for:

- Pad- Mounted Switchgear
- Mini-rupter Switches
- Pad- Mounted Transformers
- Submersible Transformers

Switchgear

Switchgears have shown an increasing failure trend over the past five years.

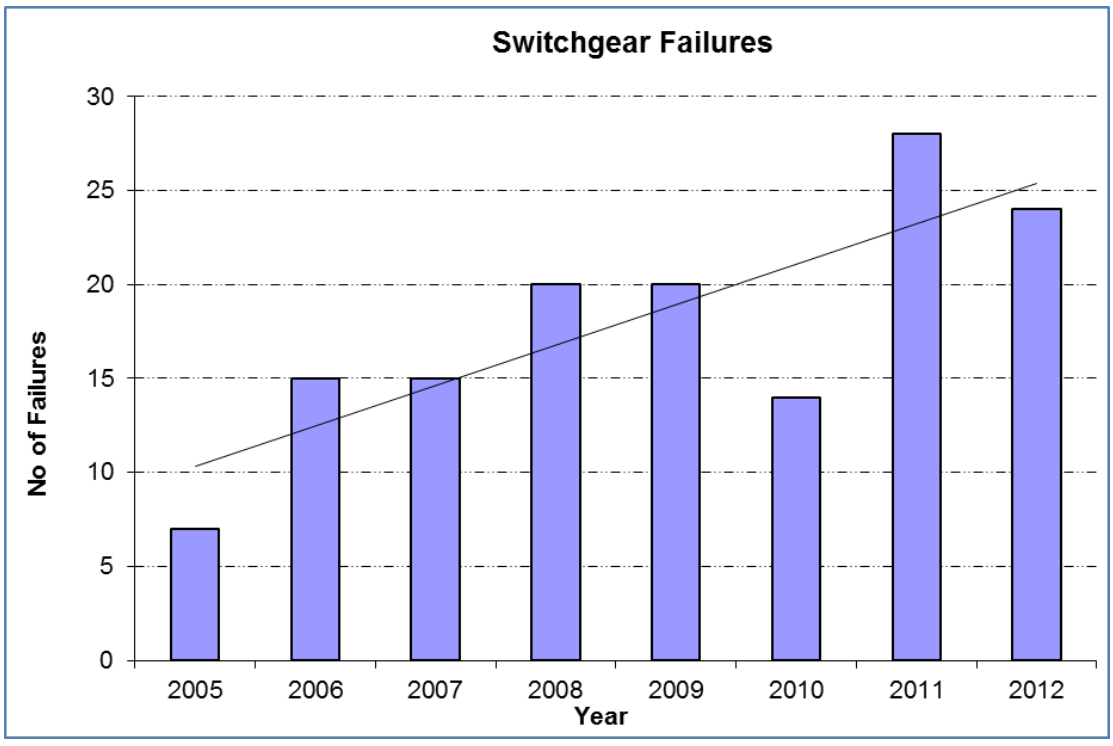


Figure 1: Switchgear Failures 2005-2012 (27,600 V)

Maintaining focus on proactive replacement will over time begin to reduce the rate of failures to a point where a balance is achieved between annual asset health degradation and annual replacement programs.

PowerStream proposes that 30 switchgears be replaced in 2014. The majority of the switchgear will be replaced with industry standard SF_6 insulated switchgear units. SF_6 switchgear units are sealed units and all internal live parts are encapsulated. The inherent design of SF_6 switchgear enables these units to be relatively free from contamination and moisture issues, as compared to the switchgear they are replacing. SF_6 switchgear are "dead front" units which means that the cables are connected to the switchgear through insulated connectors thus eliminating exposure of any live component to dirt and moisture. SF_6 switchgear require minimal maintenance as all the compartments are sealed.

Mini-rupter switches

PowerStream proposes that 15 Mini-rupter switches are to be replaced in 2014. They will be replaced with industry standard solid dielectric switches. Solid dielectric switches utilize a submersible epoxy polymer insulation system to fully encapsulate the internal switch components. The inherent design of solid dielectric switches enables these units to be free from contamination and moisture issues, as compared to the open air insulated Mini-rupters they are replacing. Solid dielectric switches are "dead front" unit which means that the cables are connected to the switches through insulated connectors thus eliminating exposure of any live component to dirt and moisture. Solid dielectric switches require minimal maintenance.

Submersible Transformers

PowerStream proposes that 9 obsolete submersible transformers are to be replaced in 2014. They will be replaced with industry standard padmount transformers. Padmount transformers are oil filled "dead front" units with separable primary terminations.

Padmount Transformers

The intent of this project is to address the transformers which pose near term safety or environmental risk. PowerStream proposes that 50 padmount transformers, identified as Code B through the 2013 inspection program, are to be replaced in 2014. They will be replaced with industry standard padmount transformers.

Cost Details

The total cost of the 2014 Switching Unit and Transformer replacement program is estimated at $3.9M, and PowerStream forecasts that the replacements will be complete by the end of 2014, such that the new assets will be in service during that year. See Table 1 below for the category of assets and the quantities that will be replaced in 2014 under the Switching Unit and Transformer program.

Table 1: Total Cost of 2014 Switching Unit and Transformer

Project Title	Units	Design Cost	Labour Cost	Contract Cost	Material Cost	Total Cost
Pad- Mounted Switchgear Replacement	30	$ 27,424	$ 188,320	$ 408,100	$ 1,614,910	$2,238,754
Mini-rupter Switches Replacement	15	$ 2,805	$ 239,136	$ 0	$279,840	$ 521,781
Submersible Transformer Replacement	9	$ 22,513	$ 85,591	$ 705,748	$ 58,767	$ 872,619
Pad-Mount Transformer Replacement	50	$ 12,466	$ 49,820	$ 60,950	$ 174,900	$ 298,136
						$3,931,290

Risk Assessment

As equipment gets older and the “health” condition deteriorates, it will eventually fail. This has a direct impact the utility goal to deliver power to customers in a safe and reliable manner. This degrades customer service metrics. The risk of not addressing equipment at end-of-life status can also have consequences that can impact operating efficiency and the environment. Lack of a proactive replacement program will result in equipment being replaced only under emergency response situations with associated increases in annual capital and operating costs.

Switchgear failure can be catastrophic (i.e. oil fire) in certain conditions and can pose a safety risk to workers and the public and have a negative impact on the local environment (oil spill). Failures will also negatively impact system reliability.

Mini-rupter failures, especially those in a confined space, pose a safety risk to workers. Failures will also negatively impact system reliability.

Submersible transformers are obsolete and as per existing configuration, pose a safety risk to workers and negatively impact system reliability.

Padmount transformer failure, similar to switchgear, can be catastrophic in certain conditions and can pose a safety risk to workers and the public and have a negative impact on the local environment. Failures will also negatively impact system reliability.

Reliability Benefit

PowerStream staff has calculated that proactively addressing the 104 pieces of equipment in the 2014 Underground Equipment program will save:

- approximately 70,000 Customer Minutes of Interruption ("CMI") due to switchgear failures;
- approximately 900 CMI due to Mini-rupter failure;
- approximately 68,000 CMI due to submersible transformer failures;
- approximately 39,600 CMI due to padmount transformer failures;

versus a "do nothing" approach. The CMI saved is expected to provide an equivalent customer monetary value (outage avoidance) in the order of $4.8M to the combined residential and commercial/industrial customer sectors.

INCREMENTAL CAPITAL ELIGIBLE PROJECTS DETAILS

Program Title: Station and Automated Switch Replacement

2014 Capital Expenditure $1,062,733 ($1,574,727 in 2013)

Background:

PowerStream owns eleven Transformer Stations ("TS") and fifty-four Municipal Stations ("MS"). PowerStream relies on these stations to step voltage down for distribution to its customers. These stations represent critical assets of PowerStream's Electrical Distribution System ("EDS"). They are key distribution supply nodes for PowerStream's customers

As the components (power transformers, circuit breakers, relays, switches, etc.) of TS's and MS's age and their functional abilities deteriorate, the need to replace them increases in order to maintain the integrity of the entire station and the EDS. The loss of a single component can effectively disable the functioning of part or all of a TS or MS. Due to the high number of customers supplied from these facilities, component failures create high reliability consequences.

PowerStream owns 344 automated switches, mostly installed on the overhead distribution system. PowerStream relies on its automated switches to provide rapid transfer of loads in emergencies, reduce restoration time during an outage situation (which improves reliability), and to provide Operator flexibility to reconfigure the system, as required, for distribution of electricity to its customers.

PowerStream inspects station facilities and automated switch installations according to the inspection requirements established by the OEB Distribution System Code and Electrical Safety Authority ("ESA") regulation 22/04. Visual inspections provide considerable information on asset condition. Assets requiring replacement are selected based on a combination of inspection results (physical condition), safety risk assessment to personnel and a calculated asset health index (if applicable). Inspected equipment will be classified in one of two categories:

Category 1: Equipment that needs to be replaced/modified in the near term to meet code (ESA, etc.) or safety requirements. These present a high probability of failure and/or a safety risk to employees and to the public.

Category 2: Equipment that is at end of useful life, that no longer functions as originally installed and requires near term replacement to maintain the integrity of the system and its ability to deliver power.

Station and automated switching replacement work proposed for 2014 includes equipment that has been rated as Category 1 or 2 requiring near term replacement.

Program Description

The Station and Automated switch replacement program proposed for 2014 includes:

- Baythorn MS Arc Flash Mitigation
- Planned Circuit Breaker Replacement Markham TS #1 – Bus #2
- Replacement of End of Life Automated Switches
- Remote Terminal Unit ("RTU") Replacement Program

Baythorn MS Arc Flash Mitigation

PowerStream proposes to modify equipment at Baythorn MS to mitigate existing arc flash hazards. An arc flash hazard is the light and radiant heat produced from an electric arc supplied with sufficient electrical energy to cause substantial damage or harm, fire or injury. Arc flash temperatures can reach extremely high temperatures, vaporizing metal, igniting clothing and injuring workers and even bystanders that may be in the immediate vicinity of the event.

Baythorn MS was built in 1976. The station has two 7,500 kVA transformers that step the voltage down from 27,000 volts to 8,320 volts. Each transformer feeds an 8,320 volt enclosed metalclad switchgear bus. The two switchgear busses can be connected together by means of open bus and tie switch between them. The tie switch is located indoors, at ceiling level. Open bus means that there is no protective enclosure around the energized components. See pictures below:

Figure 1a – Open 8,320 volt Bus

Figure 1b – Open 8,320 volt Tie Switch

An arc flash hazard assessment was performed as a result of a safety concern with respect to the exposed 8,320 volt bus and switch located at ceiling level in the station. The arc flash hazard assessment indicated that arc flash levels within the building were elevated due to the exposed tie switch and that the open bus area was an extreme danger area. Temporary barriers have been put in place to inhibit access to the exposed bus (switch is still fully exposed) but they do not mitigate arc flash levels to exposed personnel.

The arc flash hazard at Baythorn MS is expect to be resolved by installing a physical enclosure around the tie switch and exposed 8,320 volt buswork. The enclosure will contain any arc flash as well as providing an insulation barrier around the live electrical components. The arc flash hazard mitigation is a Category 1 requirement.

<u>Planned Circuit Breaker Replacement Markham TS #1 – Bus #2</u>

PowerStream proposes that four obsolete station circuit breakers at Markham TS#1 be replaced with new circuit breakers.

Markham TS #1 was completed in 1986. The station has two 50,000/83,000 kVA transformers that step the voltage down from 230,000 volts to 27,600 volts. Each transformer feeds a 27,600

volt bus. Each bus has four egress feeders. Each feeder is equipped with a 1200 Amp, 27,600 volt circuit breaker.

Station circuit breakers are automated switching devices that can carry and interrupt electrical current under normal and abnormal system conditions. Circuit breakers are required to operate infrequently. However, when a fault occurs, breakers must operate reliably to interrupt the large fault current with adequate speed to minimize damage to equipment and to minimize the risk of injury.

These circuit breakers are an outdoor type and based on health index assessment are at end of life. They require replacement, due to age, condition, obsolescence, and historical failures. They are considered "obsolete" in that they are no longer built or supported by the manufacturer. They have a history of failures, they are not reliable, and are difficult to maintain. Spare parts are only available through the salvage of previously replaced/failed circuit breakers of the same type. Previous breakers of this type were replaced in 2010 (Bus #1).

<u>Replacement of End of Life Automated Switches</u>

PowerStream proposes that five obsolete automated switches be replaced with new automated switches. The existing switches were installed over twenty years ago, and based on condition, are at end of life. The switches cannot be operated remotely any longer and are unreliable even under manual operation. PowerStream has been replacing these switches over the past three years at the rate of five switches per year. The switches are obsolete and as such there are no spare parts available. Malfunctioning or damaged switches require complete replacement.

The new switches come equipped with remote terminal units with advanced logic engines that can be programmed to participate in PowerStream's Automatic Feeder Restoration ("AFR") scheme which has a significant impact in improving the reliability of the system, further evolving and improving PowerStream's Smart Grid capability.

<u>Remote Terminal Unit ("RTU") Replacement Program</u>

PowerStream proposes that eight obsolete RTU's be replaced with new RTU's. The existing RTU's were installed over twenty years ago, and based on condition, are at end of life.

RTU's allow System Controllers to remotely control switches installed at strategic points of the distribution network. By being able to remotely control these switches, System Controllers can dynamically reconfigure the distribution network from PowerStream's Control Room, and be able to reroute power around faulted areas, change open points to avert feeder overloading and to provide emergency de-energization of selected portions of the distribution system.

Existing RTU's comprise a number of electronic and communication components mounted in a cabinet. A number of these components (i.e. main microprocessor boards) are obsolete, no longer available and the failure of any one component renders the entire RTU and associated automated switch, useless for remote control by System Controllers. In a number of cases, high functioning switches have been relegated to manual operation due to the unreliable nature of the associated RTU.

New remote terminal units with advanced logic engines can be programmed to participate in PowerStream's AFR scheme which, when paired with existing high functioning switches, has a significant impact in improving the reliability of the system, further evolving and improving PowerStream's Smart Grid capability.

Cost Details

The total cost of the 2014 Station and Automated Switch replacement program is estimated at $1.1M, and PowerStream forecasts that the replacements will be complete by the end of 2014, such that the new assets will be in service during that year. See cost Table 1 below:

Table 1: Cost of Each Project

Project Title	Job Year	Gross Amount
Baythorn MS Arc Flash Mitigation	2014	$35,188
Planned Circuit Breaker Replacement Markham TS #1, Bus #2	2014	$407,256
Replacement of Automated Switches	2014	$420,958
RTU Replacement Program	2014	$199,331
Total		**$1,062,733**

Risk Assessment

As equipment gets older and the health condition deteriorates, it will eventually fail. This has a direct impact on the utility goal to deliver power to its customers in a safe and reliable manner. This also negatively impacts customer service metrics. The risk of not addressing equipment at end-of-life status can also have consequences that can impact operating efficiency. Lack of a proactive replacement program will result in equipment being replaced only under emergency response situations with associated increases in annual capital and operating costs.

The existing situation at Baythorn MS requires a permanent solution. The temporary measures enacted to address the existing safety concern are not adequate for long term operational needs. Personal Protective Equipment, operating practices and documented procedures are secondary lines of defense to an unsafe situation. As is too often the case, even with multiple barriers, human error can result is serious injury or even death. The first line of defense is to engineer the hazard out of the workplace, particularly for high risk hazards.

The potential failure of circuit breakers at Markham TS#1 will have impacts on system reliability and the ability to service customers effectively. If a failure occurred at times of peak loading it could be difficult for System Controllers to reconfigure the system, in a timely manner, to provide for the 25,000+ kVA of capacity lost with the failure of the circuit breaker.

The potential failure of automated switches and RTU will have the greatest impacts on system reliability and will result in deteriorating customer service metrics as System Control Operators will rely more on truck rolls and manual crew intervention to reconfigure the distribution system in response to an outage situation. This would be a decline in PowerStream's existing Smart Grid capability.

Reliability Benefit

PowerStream staff has calculated that proactively addressing the four circuit breakers, five obsolete switches and 8 RTU in the 2014 Station and Automated Switch program will save:

- approximately 240,000 Customer Minutes of Interruption ("CMI") due to circuit breaker failure
- approximately 450,000 CMI due to automated switch failures;
- approximately 720,000 CMI due to RTU failure;

versus a do nothing approach. The CMI saved is expected to provide an equivalent customer monetary value (outage avoidance) in the order of $1.4M to the combined residential and commercial/industrial customer sectors.

INCREMENTAL CAPITAL ELIGIBLE PROJECTS DETAILS

Program Title: System Capacity Relief

2014 Capital Expenditure $3,933,123 ($4,564,637 in 2013)

Background:

PowerStream actively studies and manages its station and distribution feeder assets for loading, balancing, growth and system constraints. This is done through both long term system planning for staged integration of feeders for newly added capacity, and annual system performance assessments through a detailed review of the Transformer Station ("TS") bus loading and feeder loading after the system peak has occurred. The planning analysis determines what network capacity, reliability and security of supply will be required both now and in the future, and what issues drive these requirements.

As a result of this planning analysis, projects are recommended for system capacity relief to alleviate system issues and to prepare for growth related issues. Included in the analysis are the effects of CDM and local distributed generation. Specifically the OEB CDM targets for PowerStream and forecasted generation connections have been factored into PowerStream's annual ten year load forecast. To accommodate capacity relief, PowerStream must expand or re-configure or upgrade the existing distribution system. This may be required at the equipment, feeder, or station level

Nearly all loads, within PowerStream's service area, are supplied from Dual Element Spot Network ("DESN") transformer stations either owned by PowerStream or Hydro One Networks Inc. With the exception of some radial feeders, the vast majority of the distribution feeders are in an "open grid design" arrangement whereby multiple feeders traverse a distribution area with multiple interconnections between the feeders at various normal open points. In the event of a fault on a feeder or loss of supply to a particular feeder, adjacent feeders have the ability to "pick up" supply to customers after Operator intervention. All 27,600 volt and 44,000 volt feeders are designed for backup capability through the switching of load to an adjacent feeder or

multiple adjacent feeders subject to feeder loading guidelines. Once these guidelines are exceeded, supply and backup capability is compromised.

PowerStream has identified two areas, one in Richmond Hill, where the existing distribution feeder infrastructure and transformer stations are at capacity and one in Barrie where the existing feeder infrastructure is at capacity and growth in those areas requires that new feeder capacity be brought into the area to reinforce the existing supply network and maintain reliable service levels.

Program Description

There are two projects proposed in 2014 for capacity relief:

a) Double Circuit Pole Line, Richmond Hill (27,000 volt feeders)

b) Double Circuit Pole Line, Barrie – Phase 3 (44,000 volt feeders)

Double Circuit Pole Line, Richmond Hill

The Town of Richmond Hill has plans for major future commercial and residential developments including;

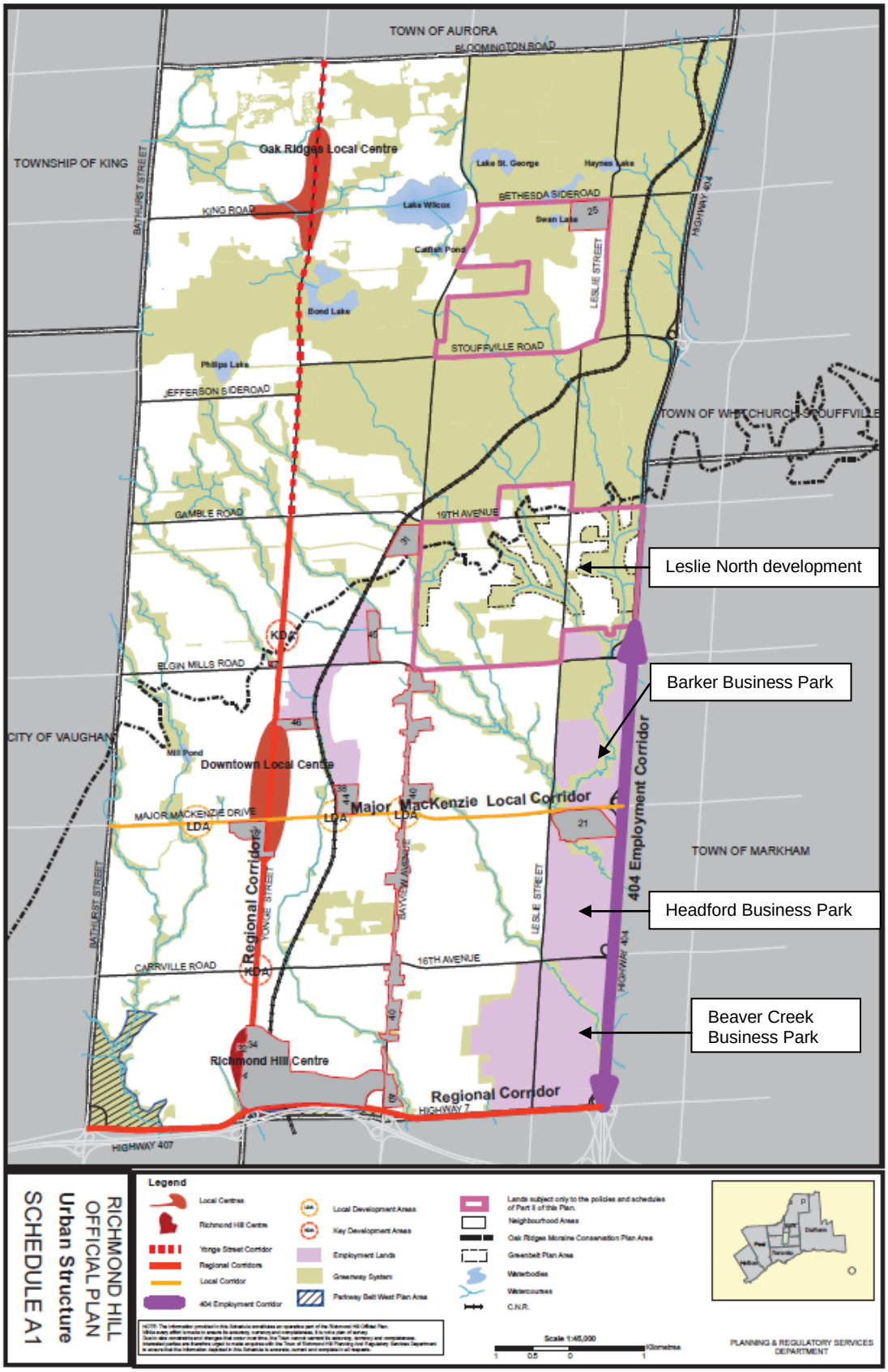
-Beaver Creek Business Park,

-Headford Business Park,

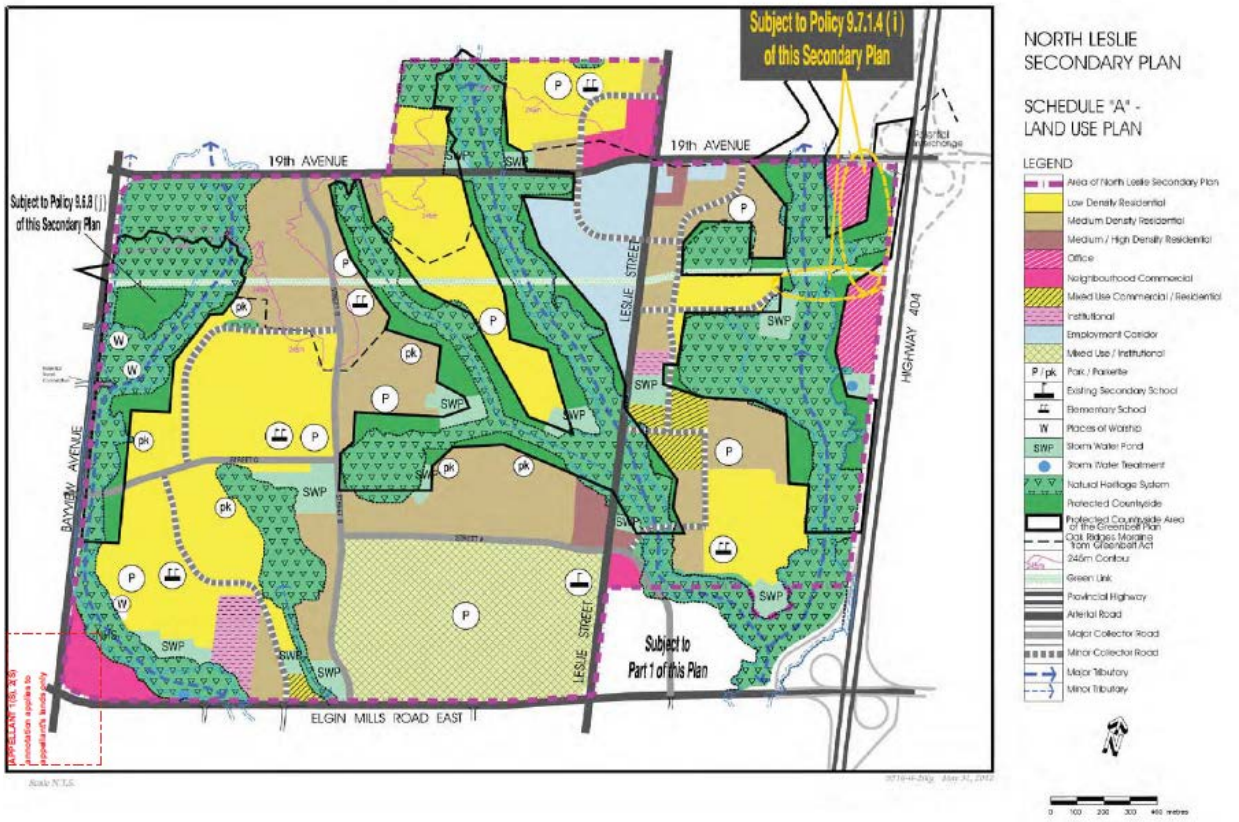
-Barker Business Park and,

-Leslie North (residential).

The three business parks comprise 209 hectares of developable land that are bounded by Hwy 404/Leslie St/Elgin Mills Rd/Hwy 7. This is part of the 404 Employment Corridor as identified in the Town of Richmond Hill Official Plan. The three business parks are expected to add approximately 50,000kW of new load for servicing. The Business Parks are shown on the following map:

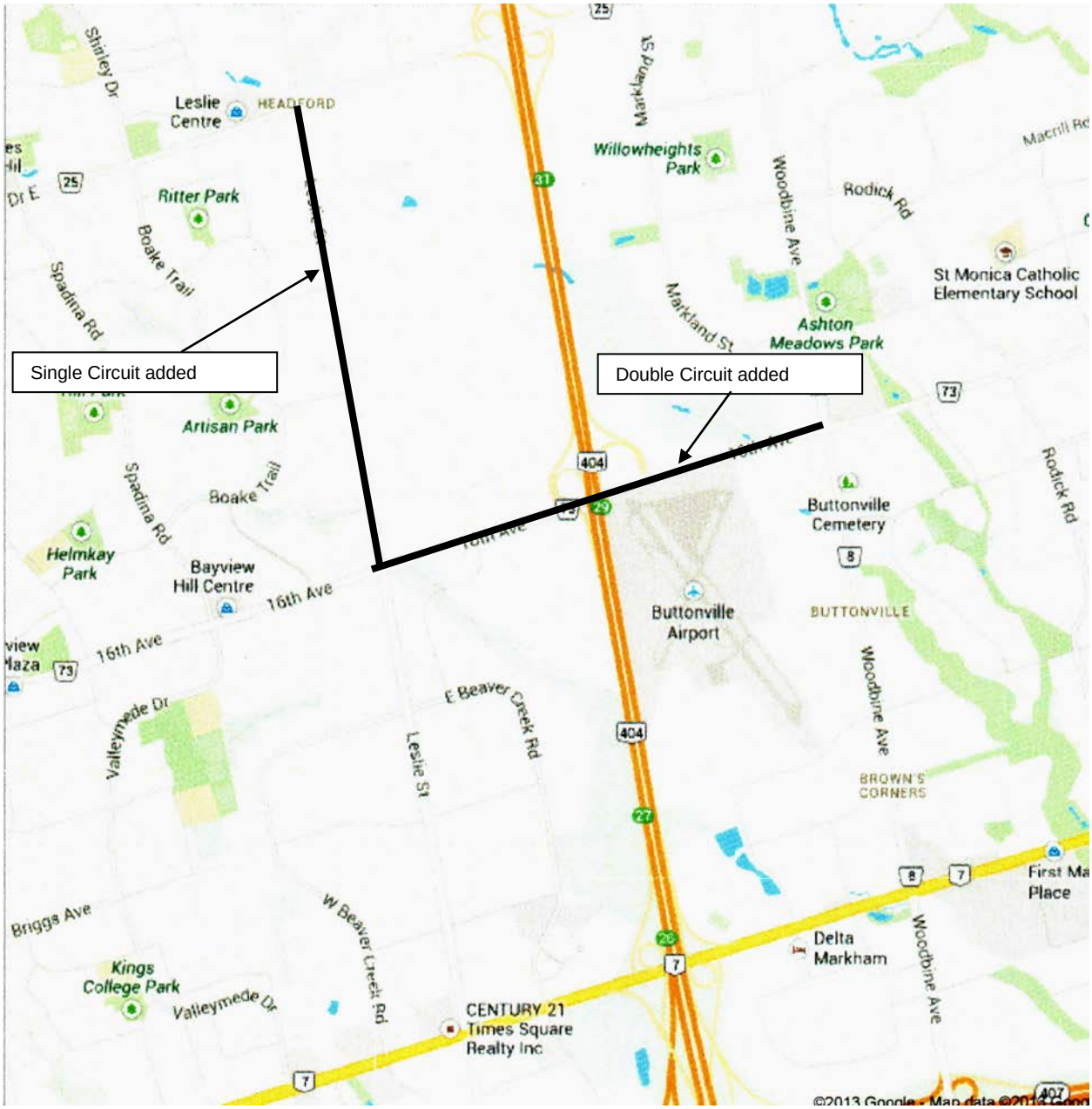

TOWN OF AURORA
BLOOMINGTON ROAD
TOWNSHIP OF KING
BATHURST STREET
Oak Ridges Local Centre
Lake St. George
Haynes Lake
BETHESDA SIDEROAD
KING ROAD
Lake Wilcox
Swan Lake
Cathak Pond
HIGHWAY 404
LESLIE STREET
Bond Lake
STOUFFVILLE ROAD
Phillips Lake
JEFFERSON SIDEROAD
TOWN OF WHITCHURCH-STOUFFVILLE
GAMBLE ROAD
19TH AVENUE
Leslie North development
KDA
ELGIN MILLS ROAD
Barker Business Park
CITY OF VAUGHAN
Mill Pond
Downtown Local Centre
MAJOR MACKENZIE DRIVE
LDA
Major MacKenzie Local Corridor
404 Employment Corridor
TOWN OF MARKHAM
BATHURST STREET
Regional Corridor
YONGE STREET
BAYVIEW AVENUE
Headford Business Park
CARRVILLE ROAD
16TH AVENUE
Beaver Creek
Business Park
Richmond Hill Centre
Regional Corridor
HIGHWAY 7
HIGHWAY 407
RICHMOND HILL
OFFICIAL PLAN
Urban Structure
SCHEDULE A1
Legend
Local Centres
Richmond Hill Centre
Yonge Street Corridor
Regional Corridors
Local Corridor
404 Employment Corridor
Local Development Areas
Key Development Areas
Employment Lands
Greenway System
Parkway Belt West Plan Area
Lands subject only to the policies and schedules of Part II of this Plan.
Neighbourhood Areas
Oak Ridges Moraine Conservation Plan Area
Greenbelt Plan Area
Waterbodies
Watercourses
C.N.R.
Scale 1:45,000
PLANNING & REGULATORY SERVICES DEPARTMENT

The Leslie North residential development is north of the business parks and comprises 620 hectares of developable land that is bounded by Hwy 404/Bayview Avenue/ Elgin Mills Rd/19th Avenue. Approximately 5,000 new residential units are expected to add 12,500 kW of new load for servicing. The Leslie North area is shown on the following map:



These areas in Richmond Hill are supplied by three 27,600 volt feeders. The feeders are currently loaded above PowerStream's operating guidelines and new feeder capacity is needed to be brought into the area to reduce the loading on the existing feeders. With the existing transformer stations and feeder infrastructure at capacity, PowerStream Planners have calculated that a minimum of three new 27,600 volt feeders from an adjacent station are required to service this new load. The load in the Richmond Hill area from these developments is expected to increase by 7000 kW every year in Richmond Hill based on current construction forecasts.

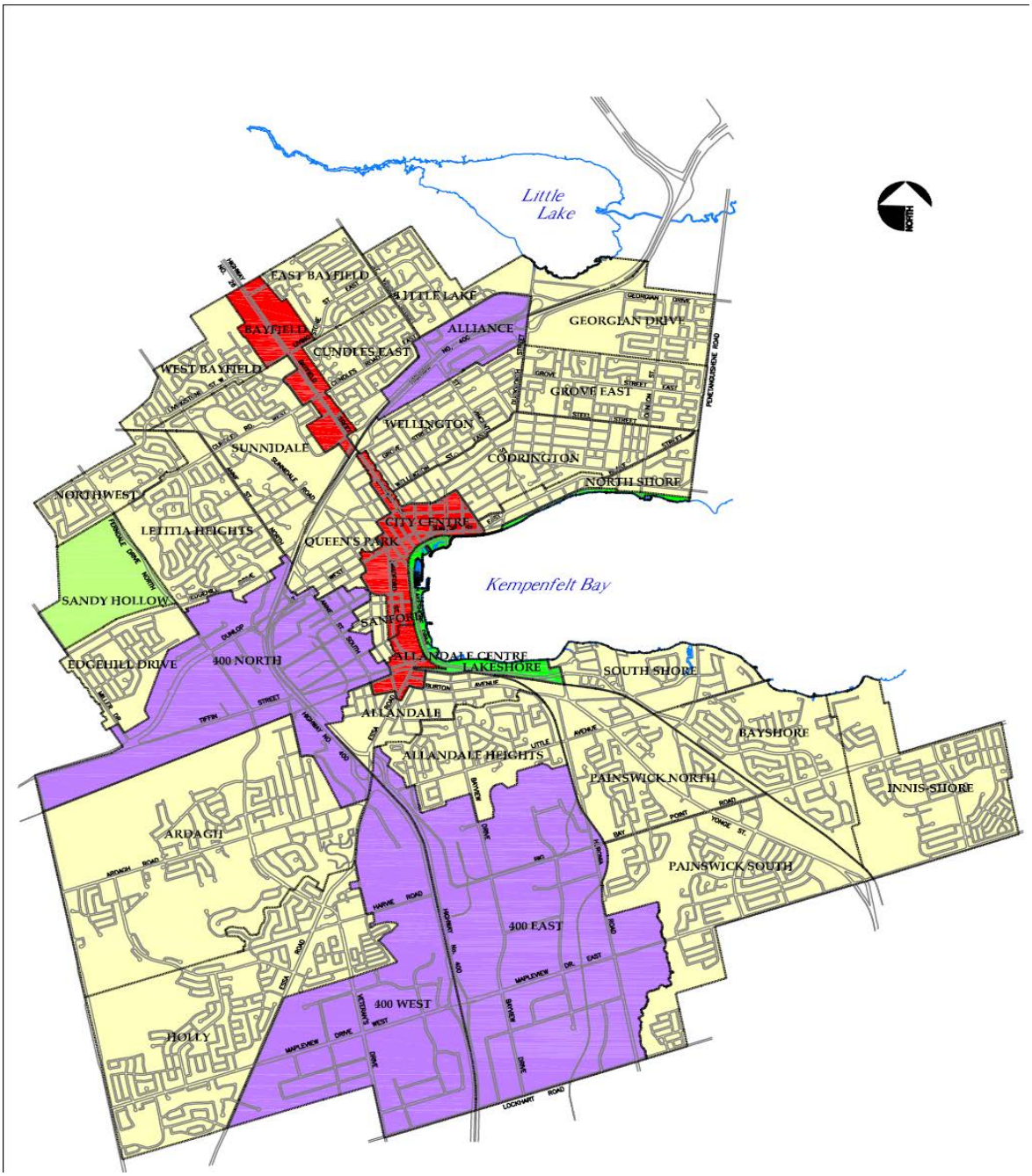
The work to be performed includes installing two additional 27,600 Volt circuits on 16th Ave from Woodbine Ave to Leslie Street by rebuilding the existing pole line into a 4 circuit pole line (or build another 2 circuit pole line on the side of 16th Ave where permitted) and installing a second 27,600 Volt circuit on Leslie Street from 16th Ave to Major Mackenzie Drive. See layout below.



Richmond Hill Feeder Reinforcement

Double Circuit Pole Line, Barrie (Phase 3)

The Barrie South Area covers most of the 400 East and 400 West planning areas as identified in the City of Barrie Official Plan. See map below.



Based on the growth forecast, it is expected that an additional 20,000 kVA of load is expected to be added to the two planning areas over the next twenty-four months. The areas are currently being supplied by four 44,000 volt feeders. The feeders are currently loaded above PowerStream's operating guidelines and new feeder capacity is needed to be brought into the areas to service the expected load growth and reduce the loading on the existing feeders. PowerStream planners have calculated that a single new 44,000 volt feeder is required to service this incremental load.

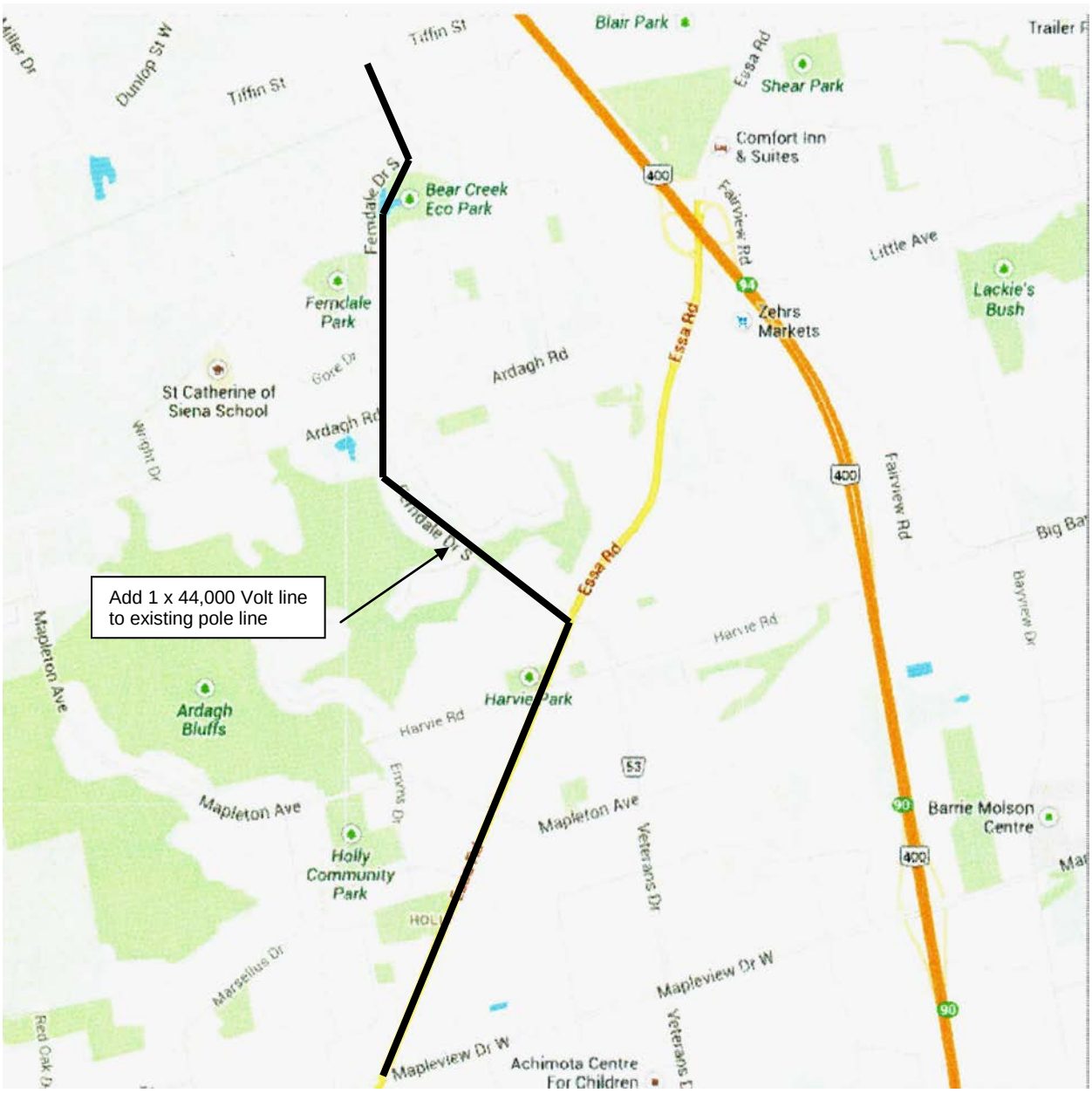
The capacity reinforcement to these areas is being enacted in three phases:

Phase 1: Construct a double circuit pole line from Midhurst TS to Bayfield Street and Livingston Street (currently under construction in 2013)

Phase 2: Purchase 44kV Hydro One line from Sunnidale Road to Ferndale Drive (completed in 2011)

Phase 3: Construct a double circuit line (23M5) from Ferndale Drive/Sunnidale Road to Mapleview Drive/Essa Road (proposed for 2014)

The work to be performed in Phase 3 includes adding a new 44,000 Volt feeder to the existing circuit on Ferndale Drive from Tiffin Street to Essa Road and adding a new 44,000 Volt feeder to the existing circuit on Essa Road from Ferndale Drive to Mapleview Drive. See feeder route below



Barrie Feeder Reinforcement – Phase 3

Cost Details

Double Circuit Pole Line, Richmond Hill

The total cost of project is expected to be approximately $2.7M

Double Circuit Pole Line, Barrie (Phase 3)

The total cost of project is expected to be approximately $1.2M.

See Table 1, below, for cost details.

Table 1: Total Cost of 2014 Capacity Relief Projects

Project Title	km	Labour Cost	Contract Cost	Material Cost	Total Cost
Double Circuit Pole Line - Richmond Hill	1.1	$ 154,463.56	$ 2,457,105.44	$ 151,580.00	$ 2,763,149.00
Double Circuit Pole Line - Barrie	2.0	$ 497,530.08	$ 182,770.56	$ 489,673.36	$ 1,169,974.00
					$ 3,933,123.00

Risk Assessment

Double Circuit Pole Line, Richmond Hill

If the work is not done, then the Transformer Station and existing feeders will remain above operating guidelines and this overloading will be expected to increase by 7MW annually. Both new and existing customers will be at risk of lengthier and more substantive outages as increasingly greater amounts of load will be impacted by the failure of a system element at the transformer stations or on the feeders. This will negatively impact SAIDI and SAIFI customer service measures. The ultimate result will be that the servicing of new loads will be accomplished through facilities that no longer have growth acceptance capability, without compromising reliability.

Double Circuit Pole Line, Barrie (Phase 3)

If the work is not done, then the existing feeders will remain above operating guidelines and this overloading will be expected to increase as load growth increases in the two planning areas. Both new and existing customers will be at risk of lengthier and more substantive outages as increasingly greater amounts of load will be impacted by the failure of a system element on the feeders. This will negatively impact SAIDI and SAIFI customer service measures. The ultimate result will be that the servicing of new loads will be accomplished through facilities that no longer have growth acceptance capability, without compromising reliability.

APPENDIX H

OTHER NON-DISCRETIONARY PROJECTS DETAILS

OTHER NON-DISCRETIONARY PROJECTS DETAILS

Program Title: Customer Service Work

2014 Capital Expenditure $12,462,448 ($12,693,767 in 2013)

Background:

As a licenced electricity distributor, PowerStream responds to requests from direct end-use customers and property developers to provide new or upgraded connections to existing plant, and to expand its system to serve new subdivision developments. PowerStream meets this obligation pursuant to the requirements of legislation and the Distribution System Code.

Customer service request work is broadly categorized as follows:

1) New Subdivisions (Expansion)
   a) Residential
   b) Commercial

2) Service Layouts (New or Upgraded Connections to Existing Plant)
   a) Residential
   b) Small Commercial

3) Large Industrial/Commercial/Institutional ("ICI") Connections

New Subdivisions

PowerStream's service territory continues to exhibit substantial development of new residential and commercial subdivisions. These are generally green-field developments served through underground infrastructure located on municipal rights of way and private property. Expansion of PowerStream's existing distribution system is required to bring service to these new customers. For residential subdivisions, the electrical distribution system ("EDS") infrastructure consists of new primary cables, transformers, switchgear and secondary underground cables including laterals from lot line to meter socket. Commercial subdivision EDS infrastructure

consists of new primary cables and switchgear that allow subsequent connections to PowerStream or customer owned transformers on individual lots.

Service Layouts

Service layouts for residential and small commercial customers consist of connecting new or upgraded services to the existing EDS. New services can result from infill or redevelopment of land that is already serviced. Service upgrades are requested to meet load requirements or equipment changes that cannot be accommodated with the existing service.

Large Industrial/Commercial/Institutional ("ICI") Connections

Industrial/Commercial/Institutional connections consist of new and/or upgraded primary services for voltages up to 27,600 Volts. These are normally installed underground from PowerStream's existing distribution or sub-transmission system, extending to and including the pad mount transformer on private property. While traditionally servicing large single meter service entities, this category also includes service to multi-meter buildings (such as condominiums). PowerStream expands its system as necessary where this is required to provide service.

Annual customer service work funding is required to ensure that service connection requests are addressed in a timely manner consistent with the OEB Distribution System Code.

Program Description

The customer service request work for 2014 is forecast on the basis of known requests for service (especially in the cases of subdivision developments and larger connections to the existing system) as well as the projection of historical experience in the case of smaller customers requesting new or upgraded services. Other relevant information on market and economic conditions is also factored in.

Forecasting Need

PowerStream follows a forecasting process that is appropriate to the nature of each of the categories of customer service requests set out above. Forecasts of the volume of activity in different sectors are distinguished by region:

- North (consisting of Barrie, Alliston, Beeton, Bradford, Thorton, Penetang, and Tottenham);
- South (consisting of Vaughan, Markham, Richmond Hill, and Aurora).

For residential subdivision developments, PowerStream generally has at least strong indications of the intent to develop parcels of land, or has received requests from developers and has commenced the process of formulating an offer to connect ("OTC"). PowerStream forecasts that in 2014, 2,900 lots/laterals will be installed in the South region, and 950 lots/laterals in the North region, for a total of 3,850 residential units.

In the case of commercial subdivision developments, PowerStream takes into account its historical experience, as well as economic activity and other relevant information, when preparing its forecast of commercial subdivision development costs for the upcoming fiscal year. Commercial Subdivision development can vary widely from year to year. In some years there may be no development, in others there may be one or many lots that require servicing. New commercial subdivision development costs are based on an acreage basis and converted to KW Demand figures for input into the Economic Model and subsequent development of individual OTCs. Each OTC tends to be unique, however based on most Economic Model results, PowerStream normally contributes 100%. The forecast for Commercial Subdivisions is based on a combination of known commercial subdivisions in development for 2014 and historical spending rather than "units" or "lots" connected. PowerStream forecasts that in 2014, $1,000k will be spent in the South region, and $600k in the North region, for a total of $1,600k for Commercial Subdivision connections.

For residential and small commercial service layouts, forecasts are heavily based on historical trends, and market and economic conditions, as well as development activity. For 2014, PowerStream forecasts the installation of 85 new residential, 365 upgraded residential, and 102 small commercial upgrade layouts in the North region and 265 new residential, 580 upgraded residential, and 335 upgraded small commercial layouts in the South region, for a total of 1732 layouts.

For industrial/commercial/institutional (ICI) projects, forecasting by region is heavily weighted on historical trends together with information on expected development and market conditions. . For 2014, PowerStream forecasts 31 such connections in the North region and 83 in the South region, for a total of 114.

For multi-meter buildings in the ICI category, meter installation (e.g. unit metering) is treated separately from the main service installation. The costs in this category are related to meters installed after the main service is energized. For multi-meter buildings, requiring unit meter installation, the forecast is based on historical ICI connections category spending rather than "units" connected. PowerStream forecasts that in 2014, $384k will be spent in the South region, and $144k in the North region, for a total of $528k for Commercial Subdivision connections.

The historical 2012 – 2013 work activity/cost and forecast 2014 work activity/cost is summarized in Table 1 below:

Table 1 - Historical and Forecast Customer Service Work 2010 - 2014

ICM - Customer Service Request Categories	2012	2013	2014
New Residential Subdivision Development	4562	3800	3850
New Subdivision Development - Secondary Service Lateral	4966	3800	3850
New Commercial Subdivision Development	$1,050K	$1,460K	$1,600k
Service Layouts - installed	1756	1708	1732
New Services (new & upgrade) ICI projects	98	116	114
Multi - meter installations	$552K	$589K	$528k

Cost Details

PowerStream proposes to spend $12,462,448, net of capital contributions, in 2014 to provide new or upgraded connections to customers from existing plant, and to expand its system to serve new subdivision developments. Unit costs include costs related to material, labour, contract and overheads. Capital contributions in 2014 are forecast to account for approximately 51% of total program cost.

See Table 2 below for summary of cost details.

Table 2: Total Cost of 2014 Customer Service Work

	Units	Gross Unit cost	Gross total	Capital Contribution	Net Total
Residential Subdivision Connections – Main plant	3850	$3502	$12,864,237	$5,788,907	$7,075,330
Residential Subdivisions Laterals	3850	$500	$1,837,213	$0[1]	$1,837,213
Commercial Subdivision Connections	N/A[2]	N/A[2]	$1,529,228	$0[1]	$1,529,228
Service Layouts Residential - New	350	$2,586	$863,370	$518,022	$345,348
Service Layouts Residential - Upgrade	945	$1,063	$958,770	$95,877	$862,893
Small Commercial – New & Upgrade	437	$1,350	$562,860	$506,574	$56,286
ICI projects	114	$57,906	$6,297,666	$6,045,759	$251,907
Multi-meter buildings - unit installations	N/A[3]	N/A[3]	$504,243	$0[1]	$504,243
Totals			**$25,417,587**	**$12,955,139**	**$12,462,448**

Note 1 - no capital contributions since PowerStream recovers lateral connection costs through rates

Note 2 - New commercial subdivision development costs based on an acreage basis and convert to KW Demand for individual OTCs – per Economic Model, PowerStream normally contributes 100%.

Note 3 – Multi-meter building cost forecasts based on historical ICI connections category costs

PowerStream forecasts that the forecast connections will be complete by the end of 2014, such that the new assets will be in service during that year.

Risk Assessment

Customer connections is a non-discretionary activity. The 2014 forecast and budgeting for Customer Service work are strongly weighted on historical volumes/costs, coupled with professional experience based on market conditions and development activity within PowerStream's service territory.

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OTHER NON-DISCRETIONARY PROJECTS DETAILS

Program Title: Third Party Infrastructure Development

2014 Capital Expenditure: $11,716,684 ($6,406,909 in 2013)

Background:

PowerStream actively manages and develops its Electricity Distribution System ("EDS") assets through the planning process. Inputs to the planning process come from both internal and external drivers. This program deals with external drivers (ie. third party needs) that influence the development of the EDS.

3rd Party Infrastructure Development involves:

- Projects as dictated by Road Authorities;
- Emerging Customer Initiated Projects

Road Authority Projects

Road Authority projects are projects that are initiated by a Region or Municipality (Town, City, etc.) that are in PowerStream's service territory. PowerStream's distribution plant is, for the most part, located along Regional or Municipal roads. While the roads are "owned" by the Region or Municipality, PowerStream, like every other LDC, has a right to construct its facilities on the road allowance. From time to time, the Region or Municipality will make improvements to the road for example. widening) that will require

PowerStream to relocate its plant to new road allowance locations in a reasonable timeframe. Cost allocation and timing for this work are determined as outlined in the *Ontario Public Services Works on Highways Act*. PowerStream generally pays 60-70% of the total costs with the Regions/Municipalities paying for 50% of labour and labour saving devices for the relocation. The costs covered in this program are PowerStream's costs, in excess of Regional or Municipal contribution, to relocate plant.

Emerging Customer Initiated Projects

Emerging Customer Initiated projects covers large customer projects due to customer's needs throughout the year. Projects are typically required due to either a relocation required by a customer or the expansion of the distribution system for the customer. In the case of relocations, the customer typically pays 100% of the costs. In the case of a required expansion of the distribution system, costs are shared as per the requirements of the Distribution System Code ("DSC") and PowerStream's Conditions of Service ("COS").

Program Description

Road Authority Projects

Each year, PowerStream reviews the five and ten year road authority plans for development to identify where distribution system conflicts exist and to budget for resolution of these conflicts. The majority of these projects involve relocating portions of the distribution system.

The forecasts for Road Authority projects are based on known Municipal or Regional projects and on an assessment of previous years volumes that while not explicitly identified, are likely to be there as base amounts. Some of the Municipalities, have not been able to provide any information, and not all of the Municipalities have published their 2014 capital plans yet.

Two key multi-year transportation projects in York Region are having a significant impact on road authority project spending. They are:

1. York Region Bus Rapid Transit ("BRT") Project;
2. TTC Subway Extension to Vaughan

In partnership with The Regional Municipality of York, Metrolinx is currently constructing major new transit facilities along Yonge Street and Hwy #7, as part of the York Region BRT Project. The TTC is constructing a number of new subway stations within PowerStream's service territory. These projects involve major road reconstruction and the associated relocation of existing utility facilities along the entire length of the project. Hwy #7, in particular, has many existing aerial feeders (typically four circuit pole lines) along its length, which have or will be impacted by the BRT and TTC projects. The construction costs associated with moving these facilities is very large. See pictures below for examples of the current construction activity along Highway 7.

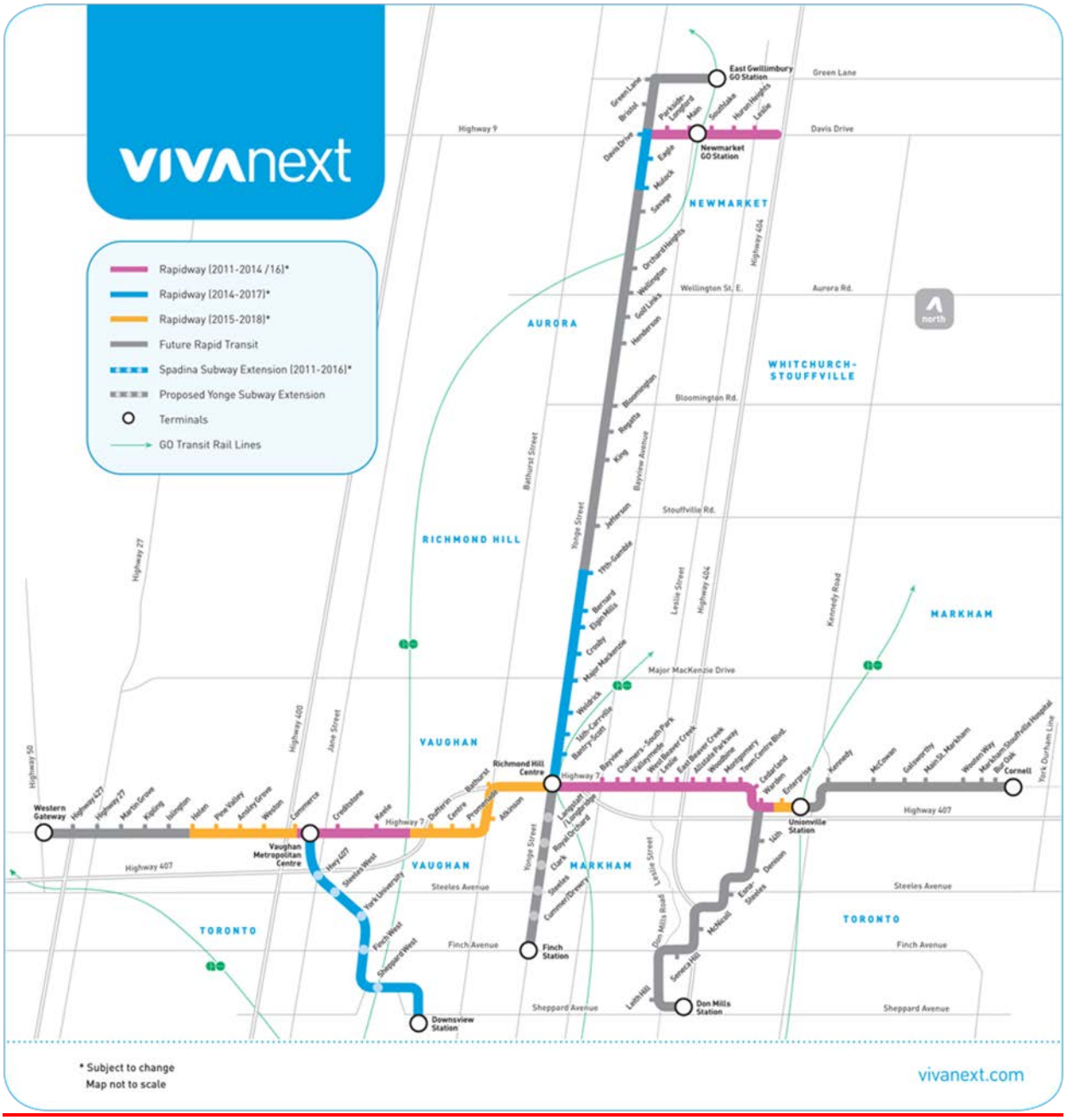
Tables 1 and 2 provide details of known road authority works planned for 2014. The VIVANEXT map provides planned Rapidway works for 2014 and beyond.

Table 1: PowerStream South 2014 Road Authority Works

Project No.	Project Name	Road	Municipality	Comments	Estimate	Contribution		
YORK REGION								
80670	Bayview Avenue from 19th Ave to Stouffville Rd	Bayview Ave	Town of Richmond Hill	No apparent conflicts	$ -			
84180	Leslie Street from Wellington to St. John's S.R.	Leslie Street	Town of Aurora		$ 1,373,000	$ 411,900		
86810	York-Durham Town Line from Steeles Ave to 14th Avenue	York-Durham Town Line	City of Markham	approx.half not in conflict	$ 450,000	$ 135,000		
9110	York-Durham Town Line from 14th Ave to Hwy 7	York-Durham Town Line	City of Markham		$ 1,000,000	$ 300,000		
YRRT								
	H3 - HWY 7 from Hwy 404 to Warden Ave	Highway 7	City of Markham		$ 800,000	$ 240,000		
	H2 VMC HWY 7 - Hwy 400 to Go Transit Tracks	Highway 7	City of Vaughan		$ 2,400,000	$ 720,000	carry over 40% into 2014	
	Y2.1 Yonge St. - Hwy 7 to Major Mackenzie Dr	Yonge Street	Town of Richmond Hill		$ 4,700,000	$ 1,410,000	complete 40% into 2014	
	Y2.2 Yonge St. - Major Mackenzie Dr to 19th Ave	Yonge Street	Town of Richmond Hill		$ 2,205,000	$ 661,500	budget 30% in 2014	
TOWN OF AURORA								
	Centre Street from Yonge St to Walton Drive	Centre Street	Town of Aurora	450m	$ 200,000	$ 60,000		
	Elderberry Trail from Yonge Street to Springmaple Chase	Elderberry Trail	Town of Aurora	No apparent conflicts (all u/g)	$ -	$ -		
	Houdini Way	Houdini Way	Town of Aurora	No apparent conflicts (all u/g)	$ -	$ -		
	Springmaple Chase	Springmaple Chase	Town of Aurora	No apparent conflicts (all u/g)	$ -	$ -		
TOWN OF RICHMOND HILL								
	Lakeland Crescent North lake to North Lake	Lakeland Crescent	Town of Richmond Hill	870m	$ 180,000	$ 54,000		
	Anzac Road Taylor Mills South to Axminster	Anzac Road	Town of Richmond Hill	200m	$ 55,000	$ 16,500		
	Alsace Road from Demaine to Blue Grass	Alsace Road	Town of Richmond Hill	200m	$ 55,000	$ 16,500		
	Ashlar Road from Demaine to Blue Grass	Ashlar Road	Town of Richmond Hill	200m	$ 55,000	$ 16,500		
	East Beaver Creek Widening	East Beaver Creek	Town of Richmond Hill	No apparent conflicts (500m)	$ -	$ -		
CITY OF MARKHAM								
	Miller Avenue from Woodbine to Roddick	Miller Avenue	City of Markham		$ 120,000	$ 36,000		
	Miller Avenue from Warden to Birchmont	Miller Avenue	City of Markham	New Road, no anticipated conflicts	$ -	$ -		
	Enterprise Blvd east of Warden	Enterprise Blvd	City of Markham	New Road, no anticipated conflicts		$ -		
	Main Street Markham from 16th Ave to Bullock Drive	Main Street Markham	City of Markham		$ 720,000	$ 216,000		
	Church Street from 9th Line to Bur Oak	Church Street	City of Markham	No apparent conflicts	$ -	$ -		
CITY OF VAUGHAN								
	Wallace Street				$ 120,000	$ 36,000		
					Gross	Contributed	Net	# Projects
				Road Authority Projects (excl. YRRT)	$4,328,000	$1,298,400	$3,029,600	18
				YRRT Projects	$10,105,000	$3,031,500	$7,073,500	4
					$14,433,000	$4,329,900	$10,103,100	

Table 2: PowerStream North 2014 Road Authority Works

Project No.	Project Name	Road	Municipality	Year		Comments	Estimate	Contribution	Net
Barrie									
	Mapleview Drive Ph.2 - Huronia to Country Ln.		Barrie	2014		Single cct, 21 poles, no major devices	$367,000	$110,100	$256,900
	Lakeshore Drive - Toronto St to Tiffin St		Barrie	2014		Road relocation - U/G plant relocations	$462,000	$152,460	$309,540
	Ferndale Drive - Dunlop St to Tiffen		Barrie	2014		Dual pole line, both sides of road - Hydro One tower line crosses. 35 poles, 2 x 44kV risers, 13.8kV dips under tower line. 20 line poles, double cct on one side, 15 line poles, single cct on other side, 2x44kV dips, 2x13.8kV dips and cable/trench	$887,250	$266,175	$621,075
Bradford									
	Various road improvement projects		Bradford	2014		Various road improvement projects	$80,000	$26,400	$53,600
Penetanguishene									
	Anne St. - Edward St. to Jeffrey		Penetang	2014		9-10 poles, single phase	$131,906	$43,529	$88,377
New Tecumseth									
	Dayfoot - Lilly to Prospect		Beeton	2014		Road re-alignment - 30 poles double cct	$360,000.00	$118,800	$241,200
Thornton									
	Various road improvement projects		Thornton	2014		Various road improvement projects	$80,000	$26,400	$53,600
							$2,368,156	$743,864	$1,624,292



Map of Planned YRRT/VIVA Next Projects

Emerging Customer Initiated Projects

Customer Initiated projects are forecast based on the trending of historical spending in this category.

In the PowerStream South service area, it is expected that with Ontario's Places to Grow Act ("Act") and zero setback of buildings, there will be an increase in requests for relocation and/or undergrounding of overhead lines. This will be especially evident along the key intensification areas identified by the Act in Vaughan, Richmond Hill and Markham. Historical spending has varied over the years 2009 to 2012. The average spending over this period has been adopted for projected 2013 expenses and increased by 10% for 2014 in anticipation of higher than average activity due to reasons mentioned above.

In the PowerStream North service area, there is expected to be less pressures related to intensification. Historical spending is exceptionally high in 2011 and 2012 due to two large customer projects: the supply to TD data centre and the supply to the IBM data centre. The average spending over this period has been adopted for projected 2013 expenses and increased by 3% for 2014

Cost Details

Road Authority Projects

The cost details for projected road authority work for 2014 is shown in Table 3 below:

Table 3 – Road Authority Work

Road Authority Work - PowerStream						
Year	2009 Historical	2010 Historical	2011 Historical	2012 Historical	2013 Forecast	2014 Budget
Gross	$5,493,398	$8,161,695	$10,826,513	$9,754,232	$8,716,689	$16,028,303
Contributed	$1,550,967	$2,238,761	$3,607,901	$6,351,551	$2,797,476	$4,840,371
Net	$3,942,431	$5,922,934	$7,218,612	$3,402,681	$5,919,213	$11,187,932

Emerging Customer Initiated Projects

The cost details for projected emerging customer initiated project work for 2014 is shown in Table 4 below:

Emerging Customer Projects						
Year	2009 Historical	2010 Historical	2011 Historical	2012 Historical	2013 Forecast	2014 Budget
Gross	$1,097,831	$1,020,772	$3,616,833	$5,946,474	$4,127,181	$4,515,487
Contributed	$895,412	$460,381	$1,539,852	$6,832,198	$3,639,485	$3,986,735
Net	$202,419	$560,391	$2,076,981	$ -885,724	$487,696	$528,752

Risk Assessment

In addition to normal plant relocation work, the timely relocation of PowerStream plant is a key requirement in the project schedules for both the Metrolinx and TTC projects. Road Authority work must be performed in a timely manner as legislated in the *Public Service Works on Highways Act.* PowerStream has a legal obligation to comply with the terms of the Act and could face fines, penalties or other legal instruments if the work is not completed as prescribed. PowerStream is not able to alter the work schedules imposed by Road Authorities.

Emerging customer initiated projects are required to service customer needs. Failure to perform these projects would jeopardize the servicing needs to new and existing customers.

OTHER NON-DISCRETIONARY PROJECTS DETAILS

Program Title: Mandated Service Obligations

2014 Capital Expenditure: $ 1,533,227 ($2,579,056 in 2013)

Background:

PowerStream owns over 345,000 meters that are installed at customer premises throughout its service territory. PowerStream's Metering network consists of the Advanced Metering Infrastructure (AMI) and the commercial and industrial meter fleet.

Maintaining the accuracy and reliability of the Metering network is a mandated service obligation of every distribution utility. The smart meters require consistent and reliable communication with the utility to ensure electricity consumption data is captured and transmitted to the centralized Meter Data Management and Repository (MDM/R) for billing purposes. It is imperative that meter accuracy is maintained to Measurement Canada Standards to ensure that the transmitted electricity consumption data is valid and accurate. Failure to maintain the Metering network at optimum performance levels can have consequences that include inaccurate billings, data encryption deficiencies, and additional costs for manual data collection and billing

The 2014 capital expenditures required to maintain meter network accuracy and reliability include focusing on the following initiatives to support the PowerStream AMI and meter fleet:

1. Firmware upgrades in the smart meter fleet;
2. Support infrastructure for AMI expansion;
3. Measurement Canada re-verification requirements
4. Planned Meter Upgrade
5. Failed Meter Replacement

Program Description

Capital expenditures are required to keep the AMI network functioning optimally and to meet Measurement Canada requirements for re-verification. As the customer base grows, additional periodic capital investments in AMI support infrastructure are also required.

Firmware upgrades in the smart meter fleet

The firmware in the existing AMI network is the software that allows the meter and associated data collection infrastructure to perform its functions. This upgrade is an ongoing and usually annual effort through the life-cycle of the AMI network. This ensures the latest software features, including encryption, are enabled on the network. Upgrades are required in the meters and also in the Regional Network Interface (RNI). Some RNI firmware upgrades also require hardware upgrades. While most meter firmware upgrades are mostly transmitted wirelessly to the individual meters in the fleet, some meters require site visits to effect changes.

Support infrastructure for AMI expansion

As additional customers are added to PowerStream's metering network, it is necessary to build the related AMI infrastructure for the collection of metering data. This build includes additional collector tower construction (to improve signal propagation and data collection), collector tower gateway boxes (TGBs) (which are head end systems of hardware and software that receives the stream of meter data brought back to the utility and forwards the data on to the Regional Network Interface (RNI)). Tower collectors are added as PowerStream's customer base grows to allow for the addition of new meter installations to the AMI and to improve the performance of existing areas (in areas where new high rise have been constructed for example). Poor performance of the AMI network (i.e. poor radio signal propagation results in loss/no transmission of data) causes increased manual effort in data collection and impacts the ability to deliver consumption invoices to our customers in a timely and accurate fashion.

Measurement Canada re-verification requirements

Meter re-verification is a mandatory requirement regulated by Industry Canada (Measurement Canada). Meters must be re-verified within appropriate periods, established on the basis of their stability of performance, application, and usage. Re-verification periods have been established by Measurement Canada such that meter inspection or removal is carried out prior to any probable change in accuracy that is of significance in the course of the meters' use.

Measurement Canada have determined that PowerStream's (Sensus) residential smart meters have a seal life of ten years determined by sample testing of meters in service. Re-verification programs for residential smart meters will not commence until 2016. Measurement Canada have also determined that PowerStream's (Quadlogic) Suite meters have a ten year seal period. Re-verification for Suites meters will not commence until 2016.

There are two specific categories of projects within PowerStream related to meter re-verification requirements for 2014:

1. Commercial/Industrial Meters – catch up
2. Commercial/Industrial Meters – annual

Commercial/Industrial Meters – Catch up

During the provincially-mandated deployment of (residential) smart meters from the years 2007 to 2011, re-verification efforts on commercial and industrial (C&I) meters were suspended. This subsequently allowed PowerStream resources to focus on the mass deployment of the residential smart meters. This also resulted in a backlog of C&I meters requiring re-verification. This project, which is undertaken with the authorization of Measurement Canada, is part of a three year effort to bring the C&I meter re-verification program back in line with quantities and frequency of a normalized program. The program commenced in 2013 and is expected to be completed by 2015.

Commercial/Industrial Meters – Annual

This project is required for the normalized annual effort in C&I meter Re-verification for 2014. It is running in parallel with the catch-up program.

<u>Planned Meter Upgrade</u>

This project is the second year of a ten year program to replace the first generation of Sensus meters deployed in 2007 (IConF type). There are approximately 85,000 meters in this category.

This effort is being undertaken for a number of reasons:

1. *Meter Obsolescence* – The IConF meter is a first generation smart meter with a current seal expiry of ten years. The newer generations of smart meters (ICOnA and IConGen3), have

superseded the IConF meter in production and support resulting in limited firmware upgradability for the IConF meters. It is also expected that as the Regional Network Interface (RNI) receives annual firmware upgrades, at some point it will no longer support the IConF meter. It should be noted that Standards for Smart Meter Upgradeability were not published until later (e.g. NEMA SG-AMI 1-2009). Standards are crucial to ensuring that metering devices firmware can be upgraded remotely and reliably and will allow for evolution and growth as Smart Grid evolves. New meters are built to current firmware upgradability standards.

2. *Cyber security*– The IConF meters, being a first generation meter, have limited encryption capability. The meter cannot handle the 256 bit encryption standard that is to be deployed within the next twelve months. In 2011, a security audit determined that the IConF encryption limitations were incompatible with the cyber security requirements of the AMI network.
3. *OMS support* – PowerStream has implemented an Outage Management System (OMS) that allows PowerStream to be more efficient in power restoration. The predictive engine within the OMS requires field information from Smart Meters to properly determine outage areas so that the OMS can provide a graphical overview of impacted areas. The Smart Meter messaging is obtained from "last gasp" technology that is incorporated in the firmware of the meter. The IConF meters have older versions of "last gasp" technology as compared to newer meters. This older version is not performing at levels required of the OMS. The OMS is getting only 10-30% reporting from outage affected IConF meters and this leads to erroneous or incomplete outage portrayal by the OMS.

PowerStream's ten year replacement strategy represents a balanced and responsible approach to phasing out these meters in consideration of seal life, rate impacts, operational and cyber security needs.

<u>Failed Meter Replacement</u>

In-service meters fail for a number of reasons beyond PowerStream's control. When a meter fails, metering staff work to replace the failed meter as quickly as possible to minimize the time valuable customer energy consumption data is lost. Replacement efforts can include labour and parts to replace meters, wire, instrument transformers, and testing. With the deployment of

smart meters, failed components include the radio devices within the meters. Maintaining a revenue meter in proper working order is a condition of PowerStream's distribution license.

Cost Details

Costs in Table 1 below reflect mandatory efforts required to keep PowerStream compliant with federal measurement regulations and to ensure responsible growth of the AMI network to maintain high performance collection of meter data with the highest level of encryption.

Table 1 – Mandated Service Requirements

#	Project Description	Cost
1	Firmware upgrades in the smart meter fleet	$47,064
2	AMI Strategies (support infrastructure for AMI expansion)	$245,793
3	Commercial and Industrial meter re-verification catch-up program (Measurement Canada requirement)	$ 350,966
4	Commercial and Industrial meter re-verification annual program (Measurement Canada requirement)	$523,216
5	Planned Meter upgrade (IConF type)	$196,100
6	Failed Meter Replacement	$170,088
	Total	$1,533,227

Risk Assessment

If not addressed in a timely or proactive manner, meter failure, malfunction or poor AMI performance in general will result in increased operating costs to deal with billing disputes, manual reads, data discrepancies, outage management degradation, cyber security risks, etc. In addition to these impacts, failure to address the mandatory meter re-verification schedules could result in sanctions from Measurement Canada.

OTHER NON-DISCRETIONARY PROJECTS DETAILS

Program Title: Emergency Replacement

2014 Capital Expenditure: $8,721,411 ($10,208,271 in 2013)

Background:

PowerStream owns approximately 2,525 km of overhead distribution lines, 8,475 km of underground distribution cables, 42,100 poles, 43,700 distribution transformers, 2,325 switchgears, and 65 transformer stations. These major assets and associated minor assets sometimes fail unexpectedly and are promptly replaced in order to maintain the system in its optimal working state. Equipment failures are caused by various reasons, including: foreign interference, such as car accidents; trees falling on overhead lines; storm activity; and equipment failure due to aged and/or deteriorated condition of the asset.

Failure of these major components typically results in outages to customers and also creates potential safety hazards to the general public and PowerStream personnel. Moreover, there can be an adverse impact on system operation because sections of line may have to be taken out of service until the failed component is replaced. Therefore, when these assets fail, they are promptly removed from the distribution system and replaced with serviceable equipment in order that safety hazards can be eliminated, power restored to customers, and the system returned to its normal operating state. In addition to the reactive replacement of failed equipment, assets that are identified as having a very high probability of imminent failure or to be a high safety risk to the public or environment as a result of their current condition are also replaced promptly with serviceable equipment. These conditions are typically identified during routine inspections or when employees encounter them in the field.

Program Description

Expenditures in this category are for the emergency replacement of the equipment listed in the first paragraph above. PowerStream anticipates that the replacement of assets on an emergency basis will be necessary from time to time, and classifies emergency replacements in various subcategories to effectively and manage the work and track costs. These

subcategories include: Replacement of poles, conductors, devices, and transformers; Replacement of equipment due to major storms and accidents; Replacement of switching equipment; and Replacement of station assets.

Replacement of poles, conductors, devices and transformers

The emergency replacement of poles, conductors, devices and transformers occurs when these components fail. Failures of these components generally results in outages to customers, but also have an adverse impact on the safety and integrity of the distribution system. There is no viable option but to immediately replace this equipment. In some cases, particularly with poles, terminations, connectors, and transformers, the equipment is replaced on an emergency basis if they are found to be in a state where failure is imminent. These conditions are usually identified during regular inspections, during “drive-bys” by field crews, or by calls from members of the public. Inspections can take the form of planned line patrols or infra-red thermographic scanning, which reveals “hot spots” due to deterioration of live components. In cases where equipment has deteriorated to the point where failure is imminent, there is a potential threat to personnel and public safety and system reliability. Therefore, such equipment is also promptly replaced.

Replacement of equipment due to major storms and accidents

PowerStream’s distribution systems can be impacted by significant weather events involving wind, snow, ice, sleet, hail, lightning, or any combination thereof. Major storms can cause significant damage to distribution systems, resulting in power outages and disruption to optimal system operation, and can also create safety hazards for utility personnel and the general public. In such events, therefore, there is no viable option but to replace distribution equipment to remove any safety hazards, restore power to customers, and return the system to its normal operating configuration.

PowerStream’s distribution system can also be impacted by vehicle accidents and interference by external parties. Examples of such incidents include: vehicles colliding with distribution poles or padmounted transformers; or a contractor crane colliding with poles or overhead equipment. These accidents usually cause power outages to customers, impact system operation, and can also create safety hazards. Therefore, there is no viable option but to immediately replace such equipment. Where PowerStream is able to identify the party that caused the damage, then the

cost of equipment repairs and/or replacement is recovered from that party. In some cases, PowerStream is unable to identify the party that caused the accident, such as in "hit and run" accidents, and must bear the cost.

Replacement of switching equipment

Switching equipment are key components on a distribution system, providing points where feeders can be sectionalized or tied together. This facilitates load transfers, isolation for planned or emergency work, and switching operations to restore power during outage situations. Failed switching units are removed from the distribution system and are replaced with serviceable equipment in order to restore power to customers and return the system to its normal operating configuration. Switching equipment can be broadly classed into three types of equipment: overhead Load-Interrupting Switches ("LIS"), padmounted switchgear, and switchgear located in vaults.

LIS's are pole-mounted devices that provide load interrupting capability and form sectionalising or tie points between feeders. Some of these switches are connected to the Supervisory Control and Data Acquisition ("SCADA") system in the Control Room in order to facilitate remote monitoring and operation of these devices. Because LIS's are open-air devices, parts are subject to the adverse impact of the elements, and can corrode or have contaminants build up over time to the point where failure occurs. LIS's can also be adversely affected by lightning strikes and bird or animal contacts.

Padmounted switchgear units generally consist of a combination of switching and protective devices, such as fuses or breakers, contained within a metal enclosure that is mounted upon a concrete pad. The switches are typically connected to underground sections of mainline feeders and facilitate feeder sectionalising or load transfers between feeders. The fuses or breakers typically protect underground cables that serve residential or commercial/industrial customers. Some of the switches on these units are remotely monitored and controlled via SCADA. These switchgear units, therefore, are critical components on the distribution system. Most of the padmounted switchgear failures over the past several years have occurred on air-insulated switchgear of an older vintage (typically more than 20 years old). The air-insulated design of these units allows for a buildup of contaminants and moisture within the compartment over time, to the point where flashover occurs (that is, an electrical arc is formed between live

components) and the unit fails. PowerStream also has a number of oil-insulated padmounted units on its distribution system. These are sealed units, and are, therefore, not as susceptible to the buildup of contaminants and moisture as is air-insulated switchgear. However, the components within oil-insulated switchgear can break down over time, leading to failure of the switchgear unit.

The third class of equipment in this category features switches that are contained in a metal enclosure and are located in vaults or rooms. These locations may also contain protective devices and transformers, and typically supply commercial or industrial complexes. The switches form part of a loop feed to these customers to facilitate feeder sectionalising or switching between sources. Most failures of this type of equipment in the past few years have involved switches called “Mini-Rupters”. This is an older style of switch (typically of a vintage greater than 20 years old) that is an air-insulated design. These switches are housed in a metal enclosure that is not fully enclosed, so over time they are prone to the buildup of contaminants and moisture that eventually cause failure.

A failure of switching equipment, whether pole-mounted, padmounted, or located in a vault, has an adverse impact on reliability, since these failures result in customer outages occur and mainline feeders can also be affected. Therefore, it is imperative for a failed unit to be replaced immediately to restore power to customers and also to restore the system to its normal operating state. Replacing switching equipment involves the material cost of new equipment in addition to the labour costs to remove the failed unit and install and connect a replacement unit to the distribution system. In the case of padmounted or vault-located switchgear, remedial work on or replacement of the cables and terminations connecting to the switchgear unit may be required. Because of the size of these types of switchgear and the number of cable connections to each unit, the removal and replacement process is labour-intensive.

Replacement of station assets.

PowerStream’s transformer and municipal stations are critical assets on the distribution system. These assets provide voltage transformation from higher voltages, such as. 230 kV or 44 kV, to lower distribution voltages such as 27.6 kV or 13.8 kV. The stations are typically comprised of significant components such as power transformers, breakers, switchgear, and protection and control equipment. The stations are inspected regularly to ensure that components remain in

proper working condition, and if repairs are necessary they are generally completed on a planned basis. However, on occasion the assets do fail prematurely, or through monitoring and inspection are identified as being at high risk of imminent failure. Failure could be caused by animal contact, lightning strikes or wear on the equipment due, for example, to exposure to faults on the system. Failure of station equipment could result in outages to customers and also have an adverse impact on system operation. Therefore, failed equipment is promptly removed from the system and is repaired if practicable, or otherwise replaced with new equipment.

Cost Details

Forecast expenditures for the emergency replacement work are determined based on historical expenditures. Expenditures incurred in this category over the past few years are displayed in Table 1 below.

Table 1: Historical Expenditures

Year	2013 Budget	2012 Actual	2011 Actual	2010 Actual
Poles, Conductors and Devices, Transformers	$ 6,640,392	$5,135,602	$6,680,567	$6,418,993
Major Storms and Accidents	$1,347,684	$1,392,799	$685,238	$427,289
Switching Equipment	$1,702,109	$1,806,249	N/A	N/A
Station Assets	$518,086	$540,706	$244,928	$102,726
TOTAL	$10,208,271	$8,875,356	$7,610,733	$6,949,008

Forecast expenditures for 2014 are identified, by category, in Table 2 below.

Table 2: 2014 Budget	
Poles, Conductors and Devices, Transformers	$5,229,149
Major Storms and Accidents	$1,307,712
Switching Equipment	$1,687,130
Station Assets	$497,420
TOTAL	$8,721,411

Risk Assessment

When significant assets on the distribution system fail, there are adverse impacts. Outages to customers typically result, and sections of line may be out of service until the failed component can be replaced. Failures often result in the creation of a safety hazard to the general public and PowerStream personnel. Therefore, such failed assets must be promptly replaced to remove any safety hazards, restore power to customers, and return the system to its normal operating configuration. PowerStream also replaces equipment that is in such a condition that imminent failure is apparent. These conditions are typically identified through routine inspections, by utility personnel noticing asset condition during “drive-bys” or while at a work site, or by or a member of the public calling. The imminent failure, if it occurred, could result in a safety hazard and/or outages to customers and could also affect system integrity. None of these conditions is desirable, so the equipment is replaced as soon as practical after the problem is identified. There is no viable alternative to PowerStream undertaking emergency equipment replacements. These replacements must occur promptly in order to maintain high standards of safety, system reliability, and customer service.

OTHER NON-DISCRETIONARY PROJECTS DETAILS

Program Title: Information Communication

2014 Capital Expenditure $1,495,660 ($1,428,063 in 2013)

Background:

PowerStream currently supports over 500 personal computers, 25 high capacity multi-function printers (MFP) and over 90 physical servers.

PowerStream also supports three key enterprise applications which are critical to the operation of the business:

1. Geographical Information System (GIS)
2. Enterprise Resource Planning system (ERP)
3. Customer Information System (CIS)

Annual funding is required to replace equipment which no longer meets minimum requirements. Minimum requirements are dictated either by unacceptable performance, lack of compatibility with applications and other systems or high maintenance and support costs.

Maintaining a reliable application environment typically requires vendor support. Vendors become increasingly reluctant to support versions which are two or more releases older than the current version. In addition, vendor support costs increase beyond the initial 3 year maintenance window.

In 2012 PowerStream adopted the International Financial Reporting Standards (IFRS). In doing so the “useful life” of a number of information systems asset classes was reviewed and is shown in Table 1

Table 1 – IT Asset Useful Life

IT Asset Class	Useful Life (years)
Desktops/Laptops (includes immaterial monitors)	4
Servers (including servers and SAN)	5
MFP's (including all printers)	5
Switches/Routers	6
Computer Software Application	4

Table 1 serves as a guideline for planning and budget purposes. Other factors such as reliability and the impact (cost) of failure remain the primary factors considered in IT asset management decisions.

PowerStream staff relies heavily on the computer systems to carry out daily work in almost all departments. Maintaining both hardware and software as current as practical and in a reliable state is critical to the efficient, safe, productive and professional operation of the business.

A planned and calculated approach to replacement of computer assets will support lower operating cost with reduced failure rates, improved performance, and efficient utilization of IS staff. Providing employees with appropriately current technology will also improve morale and productivity. A balanced approach will also "level" capital spending and enable better financial planning.

Program Description

As PowerStream grows increasingly dependent on computer systems, the need to exchange electronic information between systems also increases. This interdependency places a greater need to ensure systems remain compatible in terms of hardware and software versions, including firmware.

In an effort to minimize computer system performance degradation or failure, a planned approach to the replacement of computing assets is considered an industry best practice. Annual funding is required to replace equipment which no longer meets minimum requirements. Minimum requirements are dictated either by unacceptable performance, lack of compatibility with applications and other systems, or high maintenance and support costs.

The following information system assets have been scheduled for replacement/upgrade as part of the 2014 Capital Budget:

1. Personal Computer(PC) desktop units replacement
2. Printer/Copier fleet replacement
3. JD Edwards System Hardware upgrade
4. Server replacement
5. PowerStream Website upgrade
6. CIS Modification
7. GIS Landbase update

Personal Computer(PC) replacement

PowerStream obtains the bulk of it's PC assets from a vendor of record based on a competitive RFP process. The RFP requires supply and support for standard configurations of desktop and laptop PCs complete with three year warranties. PCs are supplied in manageable quantities throughout the year. Although warranties are only for three years, PowerStream has opted to operate PC's for an additional year without warranty. This is considered a minimal risk to operations. A four year replacement program results in requirement to replace 25% of the PC fleet or approximately 125 units per year. A similar strategy is applied to mobile devices, stand-alone printers and other client computing equipment. For 2014, PowerStream intends to replace 125 PC units.

Printer/Copier fleet replacement

PowerStream has determined that purchasing large multi-function devices is more cost-effective than leasing. Operating agreements are negotiated with the equipment suppliers for maintenance and support. The cost of the agreement is generally based on the actual number of pages printed by the units. The first three years of an agreement are usually fixed at the time of purchase. After three years, cost can fluctuate depending on the model and the usage, but remain competitive. However, beyond the initial three year service period, PowerStream typically experiences increasing frequencies of printer malfunctions resulting in increased service calls. While this causes some production inefficiency, PowerStream has strategically located printers to provide staff with alternatives to units that are out of service. Beyond the 5 year life expectancy of the units, vendors are reluctant to support or extend service contracts.

For 2014 PowerStream intends to replace two printer/copiers that are at the end of their five year life expectancy.

JD Edwards System Hardware upgrade

The current JD Edwards Production hardware is an IBM iSeries system (As400) that will be 4 years old in 2014. An upgrade is required to extend the useful life of the hardware. The associated Disaster Recovery hardware, also an IBM iSeries system, will be eight years old in 2014. An upgrade is required to extend the useful life of the hardware. Both these hardware platforms will be upgraded in 2014.

System utilization is increasing with the addition of new modules such as Self-Serve Time Entry, Automated Purchase Requisitions and Automated Accounts Payable system. The number of users accessing new modules for both transactional processing and for reporting is projected to continue to trend upward. In addition, PowerStream proposes to develop better data integration capabilities with other systems, placing further demands on the system. Upgrades are required to enable future system utilization requirements and data integration needs.

Server replacement

PowerStream's current strategy for server management is to consolidate individual servers where prudent and practical. This can be challenging as typically all server based applications require dedicated servers to comply with manufacturers specifications. Combining applications on a single server will limit PowerStream's ability to obtain technical support, and increase operational risk. Incompatible software applications on a single server can result in program loading and degraded performance for users.

For 2014 PowerStream intends to replace 15 servers that are at the end of their five year life expectancy.

PowerStream Website upgrade

PowerStream's existing web site is nearly 10 years old. Website enhancements are necessary for PowerStream to meet regulatory changes and to maintain customer satisfaction.

PowerStream currently offers its customers the ability to utilize the website to review their billing and consumption history and to view their electricity usage patterns. This feature requires a nightly data transfer from the Customer Information System (CIS) to the website database. The number of registered account users on the website has increased to a point where the nightly update of account information takes nearly the entire night and is a problem that cannot be resolved with current technology architecture.

The new website will improve PowerStream's customer focus online by incorporating new features and self-help options. This is also expected to have a positive impact on call volumes to PowerStream's call centre. By utilizing a new platform, the website will be able to take advantage of new web technologies that have been developed in recent years which will add to the customer experience and increase customer satisfaction levels. This will also assist PowerStream in meeting OEB Customer Focus performance measures.

For 2014 PowerStream intends to update the existing website to current architectural standards.

<u>CIS Modification</u>

PowerStream's Customer Information System (CIS) produces bills for upwards of 335,000 customers. The system maintains all customer information including financial transactions, consumption and metering records. Changes in customer bill presentment or business processes (ie. OEB or Ministry of Energy initiated directives) often require changes to the supporting CIS software applications.

The CIS application consists of numerous software programs developed specifically for PowerStream. The system was developed, and continues to be supported and maintained by T&W Information Systems. In addition to developing and implementing enhancements, T&W also perform day-to-day maintenance and support for the CIS. T&W programmers are required to implement any new files or file changes to support changes in bill presentment or business processes.

For 2014 PowerStream anticipates that there will be continued need, as in previous years, to update the CIS, through T&W resources, to meet current regulatory directives.

GIS Landbase update

PowerStream relies on the landbase updates to keep the GIS background data relevant; this allows us to maintain our distribution asset records with a high level of spatial accuracy, which is becoming ever more important with the use of GPS to locate our assets.

The PowerStream Geographical Information System utilizes many datasets acquired through third party data providers. This data includes, Ortho Imagery, StreetScape Images and Landbase Parcel Data.

These datasets are essential to the everyday use of the GIS. Ortho Imagery gives the user an overhead satellite view of the area in the GIS. StreetScape images offer a ground level view in the GIS. Landbase Parcel Data is the base map used to input PowerStream data at the correct datum. All this information is utilized by PowerStream planning, design and operating staff to develop and manage the distribution system.

For 2014 PowerStream intends to update these datasets. This update is year 4 of a 5 year contract with the service provider(s).

Cost Details

PowerStream proposes to invest $1,495,660 in 2014 to replace/upgrade information communication assets as described above. Using Table 1 as a guideline, PowerStream has adopted replacement/upgrade strategies for various classes of information communication assets.

See Table 2 below for cost details.

Table 2: Total Cost of 2014 Information Communication Projects

Project Title	Net Amount
PC replacement	$408,100
Printer & Copier Fleet Replacement	$42,400
JD Edwards System Hardware Upgrade	$530,000
Server Replacement	$265,000
PowerStream Website upgrade	$ 84,800
CIS Modifications	$ 106,000
GIS Landbase Update	$ 59,360
Total	**$1,495,660**

Risk Assessment

PowerStream views its computing infrastructure as a key asset and enabler to staff at all levels of the organization. Maintaining the assets in a state of good repair is critical to the efficient day-to-day operation of every business unit.

As an example, PowerStream reviewed the potential cost of an unplanned failure to an application used by 30 staff. A conservative estimate indicated the cost could easily reach $22,000 per day in lost or degraded productivity.

While the example shows the potential of just one application failure, similar costs would be incurred with other applications or hardware failure or any combination of devices which would prevent staff from fulfilling their daily work requirements. Furthermore, failures specifically impacting customer service staff, would negatively impact PowerStream's corporate reputation and Customer Focus performance.

Replacing systems as they fail, or become incompatible would also have a negative impact on the company's cash flow due to the unpredictability of failure.

Appendix A

TO RATE ORDER

PowerStream Inc.

2013 Electricity Distribution Rates

EB-2012-0161

January 31, 2013

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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	12.34
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	0.20
Rate Rider for Recovery of Foregone Revenue – in effect until December 31, 2013	$	(0.14)
Distribution Volumetric Rate	$/kWh	0.0136
Low Voltage Service Rate	$/kWh	0.0003
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Recovery of Stranded Meter Assets – effective until December 31, 2014	$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kWh	(0.0019)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Recovery of Stranded Meter Assets – effective until December 31, 2014	$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2012) – effective until April 30, 2013	$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kWh	(0.0015)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) – effective until April 30, 2013	$/kWh	0.0004

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES – Delivery Component

Retail Transmission Rate – Network Service Rate	$/kWh	0.0074
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0032

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	25.39
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	0.55
Rate Rider for Recovery of Foregone Revenue – in effect until December 31, 2013	$	(0.14)
Distribution Volumetric Rate	$/kWh	0.0135
Low Voltage Service Rate	$/kWh	0.0003
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Recovery of Stranded Meter Assets – effective until December 31, 2014	$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kWh	(0.0018)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Recovery of Stranded Meter Assets – effective until December 31, 2014	$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2012) – effective until April 30, 2013	$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kWh	(0.0016)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) – effective until April 30, 2013	$/kWh	0.0007
Retail Transmission Rate – Network Service Rate	$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0028

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

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, both regular and interval metered. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	134.81
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	6.99
Rate Rider for Recovery of Foregone Revenue – in effect until December 31, 2013	$	0.72
Distribution Volumetric Rate	$/kW	3.2397
Low Voltage Service Rate	$/kW	0.1189
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kW	(0.5780)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2012) – effective until April 30, 2013	$/kW	(0.0705)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kW	(0.5933)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) – effective until April 30, 2013	$/kW	0.0012
Retail Transmission Rate – Network Service Rate	$/kW	2.7151
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.0903
Retail Transmission Rate – Network Service Rate – Interval Metered	$/kW	2.8462
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	$/kW	1.1797

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	5,808.40
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	104.59
Rate Rider for Recovery of Foregone Revenue – in effect until December 31, 2013	$	587.71
Distribution Volumetric Rate	$/kW	1.3784
Low Voltage Service Rate	$/kW	0.1437
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kW	(0.2042)
Retail Transmission Rate – Network Service Rate	$/kW	3.2216
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.1183

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

STANDBY POWER 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.

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MONTHLY RATES AND CHARGES – Delivery Component - APPROVED ON AN INTERIM BASIS

Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility).	$/kW	2.6854

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.

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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 be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	6.82
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	0.11
Rate Rider for Recovery of Foregone Revenue – in effect until December 31, 2013	$	(0.34)
Distribution Volumetric Rate	$/kWh	0.0155
Low Voltage Service Rate	$/kWh	0.0003
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kWh	(0.0023)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014 Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2012) – effective until April 30, 2013	$/kWh	(0.0009)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kWh	(0.0015)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0031

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

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

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	3.32
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	0.09
Distribution Volumetric Rate	$/kW	7.8050
Low Voltage Service Rate	$/kW	0.1031
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kW	(0.8088)
Retail Transmission Rate – Network Service Rate	$/kW	2.0984
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	0.8024

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	1.22
Rate Rider for Recovery of CGAAP/CWIP Differential – in effect until December 31, 2016	$	0.02
Distribution Volumetric Rate	$/kW	6.4785
Low Voltage Service Rate	$/kW	0.0917
PowerStream South Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kW	(0.6712)
PowerStream Barrie Rate Zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) – effective until December 31, 2014		
Applicable only for Non-RPP Customers	$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2012) – effective until April 30, 2013	$/kW	(0.1545)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) – effective until December 31, 2014	$/kW	(0.4746)
Retail Transmission Rate – Network Service Rate	$/kW	2.0650
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	0.8836

STREET LIGHTING SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. 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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	5.40

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

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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.

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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 (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 (for non-payment)	$	65.00
Disconnect/Reconnect at meter – after regular hours (for non-payment)	$	185.00
Install/Remove load control device – during regular hours	$	65.00
Install/Remove load control device – after regular hours	$	185.00
Disconnect/Reconnect at meter – during regular hours	$	65.00
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
Specific Charge for Access to the Power Poles $/pole/year	$	22.35
Temporary Service install and remove – overhead – no transformer	$	500.00

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, 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 monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly 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 factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0345
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)

LRAM application - EB 2012 -0161

2007-2010 OPA sponsored programs /Persistence Savings in 2011-2012

Schedule K-1 - LRAM Totals by Rate Class and Rate Riders

Rate Class	LRAM before Carrying charges			Carrying charges	Total claim	Billing Type	Billing Units (EDR 2013)	Rate Rider
	2011	2012	Total					
Residential	$ 124,690	$ 119,594	$ 244,284	$ 7,219	$ 251,503	*KWh*	572,500,147	$0.0004
GS<50 kw	$ 72,130	$ 72,259	$ 144,390	$ 4,244	$ 148,634	*KWh*	210,041,869	$0.0007
GS>50 kw	$ 16,899	$ 17,419	$ 34,318	$ 1,005	$ 35,323	*KW*	1,938,621	$0.0182
TOTAL	$ 213,719	$ 209,272	$ 422,991	$ 12,469	$ 435,460			

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)
LRAM application - EB 2012 -0161
Schedule K-2 Summary of LRAM claim -
2007-2010 OPA sponsored programs /Persistence Savings in 2011-2012

Program Start Year	Savings , $			
	2011	2012	2013	Total
2007	32,742	31,577	-	$ 64,318
2008	44,762	41,547	-	$ 86,309
2009	87,181	87,198	-	$ 174,379
2010	49,034	48,950	-	$ 97,985
Total before carrying charges	$ 213,719	$ 209,272	$ -	$ 422,991
Carrying Charges	$ 1,571	$ 4,680	$ 6,218	$ 12,469
Total LRAM w. carrying charges	$ 215,290	$ 213,952	$ 6,218	$ 435,460

check to total claim	-	-	-	-

Notes
1. All persistence savings are based on 2010 OPA Final report. These amounts are final and are not going to be revised

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)

LRAM application - EB 2012 -0161

Schedule K-3 - LRAM claim for 2007 OPA sponsored programs (Persistence Savings in 2011-2012)

2007 programs:		% split between classes			PERSISTENCE SAVINGS in 2011-2012			
		Residential	GS<50	GS>50	2011 Net Consumption, kWh	2012 Net Consumption, kWh	2011 Net Demand, KW	2012 Net Demand, KW
Great Refrigerator Roundup	Consumer	100%			379,502	378,410	43.4	43.4
Cool & Hot Savings Rebate	Consumer	100%			281,401	268,238	187.8	173.3
Every Kilowatt Counts	Consumer	100%			1,666,207	1,610,378	59.2	59.2
Social Housing Pilot	Consumer Low-Income	100%			153,312	153,414	18.0	18.0
Total 2007 Programs					**2,480,421**	**2,410,439**	**308**	**294**
Check to the source					-	-	-	-

	2011				2012			
	Residential	GS< 50	GS> 50	Total	Residential	GS< 50	GS> 50	Total
Distribution Rates	*$ 0.0132*	*$ 0.0160*	*$ 1.7793*		*$ 0.0131*	*$ 0.0160*	*$ 1.7738*	
Great Refrigerator Roundup	$ 5,009	$ -	$ -	$ 5,009	$ 4,957	$ -	$ -	$ 4,957
Cool & Hot Savings Rebate	$ 3,714	$ -	$ -	$ 3,714	$ 3,514	$ -	$ -	$ 3,514
Every Kilowatt Counts	$ 21,994	$ -	$ -	$ 21,994	$ 21,096	$ -	$ -	$ 21,096
Social Housing Pilot	$ 2,024	$ -	$ -	$ 2,024	$ 2,010	$ -	$ -	$ 2,010
Total 2007 Programs	**$ 32,742**	**$ -**	**$ -**	**$ 32,742**	**$ 31,577**	**$ -**	**$ -**	**$ 31,577**

Notes
1. The persistence savings for 2007 programs are based on 2010 OPA Final report. These amounts are final and are not going to be revised by OPA.
2. Combined savings are allocated to Barrie Rate zone, using OPA methodology or actual results by rate zone, where available.
3. This LRAM calcualtion includes the savings only from the programs that were run in PowerStream Barrie territory. Not all programs listed in OPA report are included.

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)

LRAM application - EB 2012 -0161

Schedule K-3 - LRAM claim for 2008 OPA sponsored programs (Persistence Savings in 2011-2012)

2008 programs:		% split between classes			PERSISTENCE SAVINGS in 2011-2012			
		Residential	GS<50	GS>50	2011 Net Consumption, kWh	2012 Net Consumption, kWh	2011 Net Demand, KW	2012 Net Demand, KW
Great Refrigerator Roundup	Consumer	100%			822,273	821,285	88	86
Cool Savings Rebate	Consumer	100%			309,383	309,589	196	196
Every Kilowatt Counts Power Savings Event	Consumer	100%			1,563,674	1,328,078	82	74
peaksaver®	Consumer, Business	100%			8,345	8,345	417	417
Summer Sweepstakes	Consumer	100%			332,757	332,757	134	134
Electricity Retrofit Incentive	Consumer, Business		5%	95%	978,932	1,020,889	188	196
High Performance New Construction	Business			100%	3,399	3,447	4	4
Total 2008 Programs					4,018,763	3,824,389	1,109	1,108
					-	-	-	-

	2011				2012			
	Residential	GS< 50	GS> 50	Total	Residential	GS< 50	GS> 50	Total
Distribution Rates	*$ 0.0132*	*$ 0.0160*	*$ 1.7793*		*$ 0.0131*	*$ 0.0160*	*$ 1.7738*	
Great Refrigerator Roundup	$ 10,854	$ -	$ -	$ 10,854	$ 10,759	$ -	$ -	$ 10,759
Cool Savings Rebate	$ 4,084	$ -	$ -	$ 4,084	$ 4,056	$ -	$ -	$ 4,056
Every Kilowatt Counts Power Savings Event	$ 20,640	$ -	$ -	$ 20,640	$ 17,398	$ -	$ -	$ 17,398
peaksaver®	$ 110	$ -	$ -	$ 110	$ 109	$ -	$ -	$ 109
Summer Sweepstakes	$ 4,392	$ -	$ -	$ 4,392	$ 4,359	$ -	$ -	$ 4,359
Electricity Retrofit Incentive	$ -	$ 783	$ 3,812	$ 4,595	$ -	$ 817	$ 3,963	$ 4,780
High Performance New Construction	$ -	$ -	$ 86	$ 86	$ -	$ -	$ 87	$ 87
Total 2008 Programs	**$ 40,081**	**$ 783**	**$ 3,898**	**$ 44,762**	**$ 36,681**	**$ 817**	**$ 4,050**	**$ 41,547**

Notes
1. The persistence savings for 2008 programs are based on 2010 OPA Final report. These amounts are final and are not going to be revised by OPA.
2. Combined savings are allocated to Barrie Rate zone, using OPA methodology or actual results by rate zone, where available.
3. This LRAM calcualtion includes the savings only from the programs that were run in PowerStream Barrie territory. Not all programs listed in OPA report are included.

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)

LRAM application - EB 2012 -0161

Schedule K-3 - LRAM claim for 2009 OPA sponsored programs (Persistence Savings in 2011-2012)

2009 programs:		% split between classes			PERSISTENCE SAVINGS in 2011-2012			
		Residential	GS<50	GS>50	2011 Net Consumption, kWh	2012 Net Consumption, kWh	2011 Net Demand, KW	2012 Net Demand, KW
Great Refrigerator Roundup	Consumer	100%			852,477	849,554	125	122
Cool Savings Rebate	Consumer	100%			401,728	400,566	265	264
Every Kilowatt Counts Power Savings Event	Consumer	100%			669,557	669,962	70	70
peaksaver®	Consumer, Business	100%			2,238	2,238	1,204	1,204
Electricity Retrofit Incentive	Consumer, Business		5%	95%	1,816,423	1,894,274	247	258
High Performance New Construction	Business			100%	129,403.8	129,489.9	57	57
Power Savings Blitz	Business		100%	0%	3,380,108.2	3,380,108.2	866	866
Total 2009 Programs					7,251,934	7,326,191	2,834	2,841
					-	-	-	-

	2011				2012			
	Residential	GS< 50	GS> 50	Total	Residential	GS< 50	GS> 50	Total
Distribution Rates	*$ 0.0132*	*$ 0.0160*	*$ 1.7793*		*$ 0.0131*	*$ 0.0160*	*$ 1.7738*	
Great Refrigerator Roundup	$ 11,253	$ -	$ -	$ 11,253	$ 11,129	$ -	$ -	$ 11,129
Cool Savings Rebate	$ 5,303	$ -	$ -	$ 5,303	$ 5,247	$ -	$ -	$ 5,247
Every Kilowatt Counts Power Savings Event	$ 8,838	$ -	$ -	$ 8,838	$ 8,776	$ -	$ -	$ 8,776
peaksaver®	$ 30	$ -	$ -	$ 30	$ 29	$ -	$ -	$ 29
Electricity Retrofit Incentive	$ -	$ 1,453	$ 5,011	$ 6,464	$ -	$ 1,515	$ 5,210	$ 6,725
High Performance New Construction	$ -	$ -	$ 1,212	$ 1,212	$ -	$ -	$ 1,209	$ 1,209
Power Savings Blitz	$ -	$ 54,082	$ -	$ 54,082	$ -	$ 54,082	$ -	$ 54,082
Total 2009 Programs	**$ 25,423**	**$ 55,535**	**$ 6,223**	**$ 87,181**	**$ 25,182**	**$ 55,597**	**$ 6,419**	**$ 87,198**

Notes

1. The persistence savings for 2009 programs are based on 2010 OPA Final report. These amounts are final and are not going to be revised by OPA.

2. Combined savings are allocated to Barrie Rate zone, using OPA methodology or actual results by rate zone, where available.

3. This LRAM calcualtion includes the savings only from the programs that were run in PowerStream Barrie territory. Not all programs listed in OPA report are included.

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)

LRAM application - EB 2012 -0161

Schedule K-3 - LRAM claim for 2010 OPA sponsored programs (Persistence Savings in 2011-2012)

2010 programs:		% split between classes			PERSISTENCE SAVINGS in 2011-2012			
		Residential	GS<50	GS>50	2011 Net Consumption, kWh	2012 Net Consumption, kWh	2011 Net Demand, KW	2012 Net Demand, KW
Cool Savings Rebate	Consumer	100%			564,587	564,962	369	369
Every Kilowatt Counts Power Savings Event	Consumer	100%			230,595	223,405	22	22
Great Refrigerator Roundup	Consumer	100%			793,471	793,471	118	118
peaksaver®	Consumer	100%			1,708	1,708	432	432
Electricity Retrofit Incentive	Business		5%	95%	958,598	999,684	170	177
High Performance New Construction	Business			100%	355,744.1	360,682.3	156	158
Power Savings Blitz	Business		100%		940,347.0	940,347.0	306	306
Multifamily Energy Efficiency Rebates	Business	100%			412,962	412,962	35	35
Total 2010 Programs					**4,258,012**	**4,297,222**	**1,609**	**1,618**
					-	-	-	-

	2011				2012			
	Residential	GS< 50	GS> 50	Total	Residential	GS< 50	GS> 50	Total
Distribution Rates	*$ 0.0132*	*$ 0.0160*	*$ 1.7793*		*$ 0.0131*	*$ 0.0160*	*$ 1.7738*	
Cool Savings Rebate	$ 7,453	$ -	$ -	$ 7,453	$ 7,401	$ -	$ -	$ 7,401
Every Kilowatt Counts Power Savings Event	$ 3,044	$ -	$ -	$ 3,044	$ 2,927	$ -	$ -	$ 2,927
Great Refrigerator Roundup	$ 10,474	$ -	$ -	$ 10,474	$ 10,394	$ -	$ -	$ 10,394
peaksaver®	$ 23	$ -	$ -	$ 23	$ 22	$ -	$ -	$ 22
Electricity Retrofit Incentive	$ -	$ 767	$ 3,447	$ 4,214	$ -	$ 800	$ 3,583	$ 4,383
High Performance New Construction	$ -	$ -	$ 3,331	$ 3,331	$ -	$ -	$ 3,367	$ 3,367
Power Savings Blitz	$ -	$ 15,046	$ -	$ 15,046	$ -	$ 15,046	$ -	$ 15,046
Multifamily Energy Efficiency Rebates	$ 5,451	$ -	$ -	$ 5,451	$ 5,410	$ -	$ -	$ 5,410
Total 2010 Programs	**$ 26,444**	**$ 15,812**	**$ 6,778**	**$ 49,034**	**$ 26,154**	**$ 15,845**	**$ 6,951**	**$ 48,950**

Notes:
1. The persistence savings for 2010 programs are based on 2010 OPA Final report. These amounts are final and are not going to be revised by OPA.
2. Combined savings are allocated to Barrie Rate zone, using OPA methodology or actual results by rate zone, where available.
3. This LRAM calcualtion includes the savings only from the programs that were run in PowerStream Barrie territory. Not all programs listed in OPA report are included.

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)
Schedule K-4 - LRAM Carrying Charges Calculation

	LRAM Additions per year		
CDM Program Start Year	2011	2012	Total
2007	$ 32,742	$ 31,577	$ 64,318
Residential	$ 32,742	$ 31,577	$ 64,318
GS<50	$ -	$ -	$ -
GS>50	$ -	$ -	$ -
2008	$ 44,762	$ 41,547	$ 86,309
Residential	$ 40,081	$ 36,681	$ 76,762
GS<50	$ 783	$ 817	$ 1,600
GS>50	$ 3,898	$ 4,050	$ 7,948
2009	$ 87,181	$ 87,198	$ 174,379
Residential	$ 25,423	$ 25,182	$ 50,606
GS<50	$ 55,535	$ 55,597	$ 111,132
GS>50	$ 6,223	$ 6,419	$ 12,642
2010	$ 49,034	$ 48,950	$ 97,985
Residential	$ 26,444	$ 26,154	$ 52,598
GS<50	$ 15,812	$ 15,845	$ 31,658
GS>50	$ 6,778	$ 6,951	$ 13,729
Total	**$ 213,719**	**$ 209,272**	**$ 422,991**

	LRAM Year End Balance	
CDM Program Start Year	2011	2012
2007	$ 32,742	$ 64,318
Residential	$ 32,742	$ 64,318
GS<50	$ -	$ -
GS>50	$ -	$ -
2008	$ 44,762	$ 86,309
Residential	$ 40,081	$ 76,762
GS<50	$ 783	$ 1,600
GS>50	$ 3,898	$ 7,948
2009	$ 87,181	$ 174,379
Residential	$ 25,423	$ 50,606
GS<50	$ 55,535	$ 111,132
GS>50	$ 6,223	$ 12,642
2010	$ 49,034	$ 97,985
Residential	$ 26,444	$ 52,598
GS<50	$ 15,812	$ 31,658
GS>50	$ 6,778	$ 13,729
Total	**$ 213,719**	**$ 422,991**

	LRAM Average Balance	
CDM Program Start Year	2011	2012
2007	$ 16,371	$ 48,530
Residential	$ 16,371	$ 48,530
GS<50	$ -	$ -
GS>50	$ -	$ -
2008	$ 22,381	$ 65,536
Residential	$ 20,040	$ 58,421
GS<50	$ 392	$ 1,192
GS>50	$ 1,949	$ 5,923
2009	$ 43,591	$ 130,780
Residential	$ 12,712	$ 38,014
GS<50	$ 27,767	$ 83,333
GS>50	$ 3,111	$ 9,432
2010	$ 24,517	$ 73,510
Residential	$ 13,222	$ 39,521
GS<50	$ 7,906	$ 23,735
GS>50	$ 3,389	$ 10,253
	$ 106,859	**$ 318,355**

	Carrying Charges			
	2011	2012	2013	Total
Interest rate	*1.47%*	*1.47%*	*1.47%*	
Residential	$ 916	$ 2,712	$ 3,591	$ 7,219
GS<50	$ 530	$ 1,591	$ 2,123	$ 4,244
GS>50	$ 124	$ 376	$ 504	$ 1,005
	$ 1,571	**$ 4,680**	**$ 6,218**	**$ 12,469**

	Balances by Customer Class	
	2011	2012
Residential	$ 62,345	$ 184,487
GS<50	$ 36,065	$ 108,260
GS>50	$ 8,449	$ 25,608
	$ 106,859	**$ 318,355**

Interest Rates

2011 Average Rate	2012 Average Rate	2013 Q1 - Q2 Rates
1.47%	1.47%	1.47%

NOTES:

Carrying charges have been calculated on a simple interest basis, with interest calculated on principal amounts only.

Average balance is a simple average of the opening and closing amounts.

Interest rates have been taken from the OEB prescribed interest rates for Approved Accounts for Q1-2011 to Q2-2013.

POWERSTREAM INC - Barrie rate zone (former Barrie Hydro)

LRAM application - EB 2012 -0161

Schedule K-5 - Distribution rates

	PS North 2012 average rate		PS North 2011 average rate		PS North 2010 average rate		PS North 2009 average rate	
	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable
Residential	$ 15.30	**$ 0.0131**	$ 15.25	**$ 0.0132**	$ 15.37	**$ 0.0137**	$ 15.44	**$ 0.0138**
GS<50	$ 16.06	**$ 0.0160**	$ 15.96	**$ 0.0160**	$ 15.92	**$ 0.0163**	$ 15.83	**$ 0.0162**
GS>50	$ 394.86	**$ 1.7738**	$ 392.99	**$ 1.7793**	$ 392.03	**$ 1.8175**	$ 389.89	**$ 1.8073**
Large Use					$ 9,576.54	**$ 0.5845**	$ 9,524.29	**$ 0.5810**
USL								

	May 1 - Dec 31 2012		*May 1 - Dec 31 2011*		*May 1 - Dec 31 2010*		*May 1 - Dec 31 2009*	
Residential	$ 15.34	$ 0.0131	$ 15.21	$ 0.0131	$ 15.34	*$ 0.0137*	$ 15.43	*$ 0.0138*
GS<50	$ 16.11	$ 0.0160	$ 15.97	$ 0.0160	$ 15.94	*$ 0.0163*	$ 15.88	*$ 0.0163*
GS>50	$ 395.68	$ 1.7743	$ 393.23	$ 1.7729	$ 392.52	*$ 1.8200*	$ 391.05	*$ 1.8125*
Large Use					$ 9,588.45	*$ 0.5855*	$ 9,552.71	*$ 0.5824*
USL								

	Jan 1 - Apr 30 2012		*Jan 1 - Apr 30 2011*		*Jan 1 - Apr 30 2010*		*Jan 1 - Apr 30 2009*	
Residential	$ 15.21	$ 0.0131	$ 15.34	$ 0.0134	$ 15.43	$ 0.0138	$ 15.45	$ 0.0138
GS<50	$ 15.97	$ 0.0160	$ 15.94	$ 0.0161	$ 15.88	$ 0.0163	$ 15.74	$ 0.0161
GS>50	$ 393.23	$ 1.7729	$ 392.52	$ 1.7920	$ 391.05	$ 1.8125	$ 387.56	$ 1.7970
Large Use					$ 9,552.71	$ 0.5824	$ 9,467.44	$ 0.5781
USL								

OPA Conservation & Demand Management Programs

SCHEDULE K- 6 - Initiative Results at End-User Level

For: PowerStream Inc. | **PowerStream - as per 2010 Final OPA report** | **Barrie - Allocated Savings**

Net Summer Peak Demand Savings (MW)

#	Initiative Name	Program Name	Program Year	Results Status	2007	2008	2009	2010	2011	2012	Allocation method (from OPA report)	% Allocation 2011	% Allocation 2012	2011	2012
1	2	3	4	5	7	8	9	10	11	12	13	14	15	20	21
6	Great Refrigerator Roundup	Consumer	2007	Final	0.1058	0.1058	0.106	0.106	0.095	0.095	Actual LDC specific results	45.9%	45.9%	0.043	0.043
7	Cool & Hot Savings Rebate	Consumer	2007	Final	0.9168	0.9168	0.917	0.917	0.917	0.846	Measure level allocation based on 2011-12 residential energy throughput by PowerStream	20.5%	20.5%	0.188	0.173
8	Every Kilowatt Counts	Consumer	2007	Final	0.3190	0.2890	0.289	0.289	0.289	0.289	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.059	0.059
13	Social Housing Pilot	Consumer Low-Income	2007	Final	0.0881	0.0881	0.088	0.088	0.088	0.088	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.018	0.018
	TOTAL 2007 Programs				26.1140	1.9835	1.893	1.893	1.882	1.739				0.308	0.294
20	Great Refrigerator Roundup	Consumer	2008	Final	0.0000	0.1993	0.199	0.199	0.199	0.195	Actual LDC specific results	44.2%	44.2%	0.088	0.086
21	Cool Savings Rebate	Consumer	2008	Final	0.0000	0.9570	0.957	0.957	0.957	0.957	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.196	0.196
22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	0.0000	0.4182	0.400	0.400	0.400	0.363	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.082	0.074
23	***peaksaver®***	Consumer, Business	2008	Final	0.0000	1.5025	1.502	1.502	1.502	1.502	Actual LDC specific results	27.8%	27.8%	0.417	0.417
24	Summer Sweepstakes	Consumer	2008	Final	0.0000	0.5829	0.334	0.334	0.334	0.334	Actual LDC specific results	40.0%	40.0%	0.134	0.134
25	Electricity Retrofit Incentive	Consumer, Business	2008	Final	0.0000	1.1860	1.186	1.186	1.186	1.186	Measured lelel allocation based on 2011-12 demand by LDC	15.8%	16.5%	0.188	0.196
27	High Performance New Construction	Business	2008	Final	0.0000	0.0239	0.024	0.024	0.024	0.024	Initiative level allocation based on 2008 non-residential energy throughput by LDCs	16.9%	17.1%	0.004	0.004
	Total 2008 Programs				0.0000	48.8217	9.648	9.644	9.644	9.603				1.109	1.108
35	Great Refrigerator Roundup	Consumer	2009	Final	0.0000	0.0000	0.278	0.278	0.278	0.271	Actual LDC specific results (appliances count by rate zone)	45.0%	45.0%	0.125	0.122
36	Cool Savings Rebate	Consumer	2009	Final	0.0000	0.0000	1.292	1.292	1.292	1.286	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.265	0.264
37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	0.0000	0.0000	0.346	0.340	0.340	0.340	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.070	0.070
38	***peaksaver®***	Consumer, Business	2009	Final	0.0000	0.0000	4.116	4.116	4.116	4.116	Actual LDC specific results (devices by rate zone)	29.3%	29.3%	1.204	1.204
39	Electricity Retrofit Incentive	Consumer, Business	2009	Final	0.0000	0.0000	1.559	1.559	1.559	1.559	Measured lelel allocation based on 2011-12 demand by LDC	15.8%	16.5%	0.247	0.258
41	High Performance New Construction	Business	2009	Final	0.0000	0.0000	0.277	0.277	0.277	0.277	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	0.057	0.057
42	Power Savings Blitz	Business	2009	Final	0.0000	0.0000	5.234	5.234	5.234	5.234	Customer count from PSB web site	16.6%	16.6%	0.866	0.866
	Total 2009 Programs				-	-	48.588	13.346	13.346	13.333				2.834	2.841
53	Great Refrigerator Roundup	Consumer	2010	Final			-	0.302	0.302	0.302	Actual LDC specific results in 2010 (Actual appliances count by rate zones)	39.0%	39.0%	0.118	0.118
54	Cool Savings Rebate	Consumer	2010	Final			-	1.802	1.802	1.802	Measure level allocation based on 2011-2012 Residential Energy Throughput (consistent with previous year methodology)	20.5%	20.5%	0.369	0.369
55	Every Kilowatt Counts Power Savings Event	Consumer	2010	Final			-	0.114	0.109	0.106	Measure level allocation based on 2011-2012 Residential Energy Throughput (consistent with previous year methodology)	20.5%	20.5%	0.022	0.022
56	peaksaver®	Consumer, Business	2010	Final			-	1.362	1.362	1.362	Actual LDC specific results in 2010 (the number of devices by rate zone)	31.8%	31.8%	0.432	0.432
57	Electricity Retrofit Incentive	Consumer, Business	2010	Final			-	1.072	1.072	1.072	Measured lelel allocation based on 2011-12 demand by LDC	15.8%	16.5%	0.170	0.177
59	High Performance New Construction	Business	2010	Final			-	0.925	0.925	0.925	Initiative level allocation based on 2011-2012 non-residential energy throughput by LDCs	16.9%	17.1%	0.156	0.158
60	Power Savings Blitz	Business	2010	Final			-	1.884	1.884	1.884	Actual customer count from PSB web site (consistent with previous year methodology)	16.3%	16.3%	0.306	0.306
61	Multi-Family Energy Efficiency Rebates	Consumer, Consumer Low-Incon	2010	Final			-	0.129	0.129	0.129	Actual % of Total MEER Savings for PowerStream	27.1%	27.1%	0.035	0.035
	Total 2010 programs							7.591	7.586	7.583				1.609	1.618

Net Energy Savings (MWh)

#	Initiative Name	Program Name	Program Year	Results Status	2007	2008	2009	2010	2011	2012	Allocation method (from OPA report)	% Allocation 2011	% Allocation 2012	2011	2012
6	Great Refrigerator Roundup	Consumer	2007	Final	830	830	830	830	827	825	Actual LDC specific results	45.9%	45.9%	380	378
7	Cool & Hot Savings Rebate	Consumer	2007	Final	1,374	1,374	1,374	1,374	1,374	1,309	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	281	268
8	Every Kilowatt Counts	Consumer	2007	Final	8,237	8,136	8,136	8,136	8,136	7,859	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	1,666	1,610
13	Social Housing Pilot	Consumer Low-Income	2007	Final	749	749	749	749	749	749	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	153	153
					13,574.4	12,601.6	12,492	12,492	12,489	11,946				2,480	2,410
20	Great Refrigerator Roundup	Consumer	2008	Final	0.0000	1,859.1079	1,859	1,859	1,859	1,857	Actual LDC specific results	44.2%	44.2%	822	821
21	Cool Savings Rebate	Consumer	2008	Final	0.0000	1,510.7830	1,511	1,511	1,511	1,511	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	309	310
22	Every Kilowatt Counts Power Savings Event	Consumer	2008	Final	0.0000	7,669.1104	7,636	7,636	7,636	6,481	Measure level allocation based on 2011-12 residential energy throughput by LDC	20.5%	20.5%	1,564	1,328
23	peaksaver®	Consumer, Business	2008	Final	0.0000	30.0492	30	30	30	30	Actual LDC specific results	27.8%	27.8%	8	8
24	Summer Sweepstakes	Consumer	2008	Final	0.0000	2,303.8516	831	831	831	831	Actual LDC specific results	40.0%	40.0%	333	333
25	Electricity Retrofit Incentive	Consumer, Business	2008	Final	0.0000	6,177.9967	6,178	6,178	6,178	6,178	Measured lelel allocation based on 2011-12 demand by LDC	15.8%	16.5%	979	1,021
27	High Performance New Construction	Business	2008	Final	0.0000	20.1642	20	20	20	20	Initiative level allocation based on 2008 non-residential energy throughput by LDCs	16.9%	17.1%	3	3

OPA Conservation & Demand Management Programs

SCHEDULE K- 6 - Initiative Results at End-User Level

For: PowerStream Inc.

PowerStream - as per 2010 Final OPA report

Barrie - Allocated Savings

					0.0000	**38,563.5210**	**37,058**	**37,027**	**37,027**	**35,870**				**4,019**	**3,824**
35	Great Refrigerator Roundup	Consumer	2009	Final	**0.0000**	**0.0000**	**1,893**	**1,893**	**1,893**	**1,886**	Actual LDC specific results (appliances count by rate zone)	**45.0%**	**45.0%**	852	850
36	Cool Savings Rebate	Consumer	2009	Final	**0.0000**	**0.0000**	**1,962**	**1,962**	**1,962**	**1,955**	Measure level allocation based on 2011-12 residential energy throughput by LDC	**20.5%**	**20.5%**	402	401
37	Every Kilowatt Counts Power Savings Event	Consumer	2009	Final	**0.0000**	**0.0000**	**3,411**	**3,270**	**3,270**	**3,269**	Measure level allocation based on 2011-12 residential energy throughput by LDC	**20.5%**	**20.5%**	670	670
38	peaksaver®	Consumer, Business	2009	Final	**0.0000**	**0.0000**	**8**	**8**	**8**	**8**	Actual LDC specific results (devices by rate zone)	**29.3%**	**29.3%**	2	2
39	Electricity Retrofit Incentive	Consumer, Business	2009	Final	**0.0000**	**0.0000**	**11,463**	**11,463**	**11,463**	**11,463**	Measured lelel allocation based on 2011-12 demand by LDC	**15.8%**	**16.5%**	1,816	1,894
41	High Performance New Construction	Business	2009	Final	**0.0000**	**0.0000**	**632**	**632**	**632**	**632**	Measure level allocation based on 2009 Non-Residential Energy Throughput	**20.5%**	**20.5%**	129	129
42	Power Savings Blitz	Business	2009	Final	**0.0000**	**0.0000**	**20,419**	**20,419**	**20,419**	**20,419**	Customer count from PSB web site	**16.6%**	**16.6%**	3,380	3,380
					0.0000	**0.0000**	**45,672**	**39,646**	**39,646**	**39,633**				**7,252**	**7,326**
53	Great Refrigerator Roundup	Consumer	2010	Final			**-**	**2,035**	**2,035**	**2,035**	Actual LDC specific results in 2010 (Actual appliances count by rate zones)	**39.0%**	**39.0%**	793	793
54	Cool Savings Rebate	Consumer	2010	Final			**-**	**2,757**	**2,757**	**2,757**	Measure level allocation based on 2011-2012 Residential Energy Throughput (consistent with previous year methodology)	**20.5%**	**20.5%**	565	565
55	Every Kilowatt Counts Power Savings Event	Consumer	2010	Final			**-**	**1,281**	**1,126**	**1,090**	Measure level allocation based on 2011-2012 Residential Energy Throughput (consistent with previous year methodology)	**20.5%**	**20.5%**	231	223
56	peaksaver®	Consumer, Business	2010	Final			**-**	**5**	**5**	**5**	Actual LDC specific results in 2010 (the number of devices by rate zone)	**31.8%**	**31.8%**	2	2
57	Electricity Retrofit Incentive	Consumer, Business	2010	Final			**-**	**6,050**	**6,050**	**6,050**	Measured lelel allocation based on 2011-12 demand by LDC	**15.8%**	**16.5%**	959	1,000
59	High Performance New Construction	Business	2010	Final			**-**	**2,110**	**2,110**	**2,110**	Initiative level allocation based on 2011-2012 non-residential energy throughput by LDCs	**16.9%**	**17.1%**	356	361
60	Power Savings Blitz	Business	2010	Final			**-**	**5,782**	**5,782**	**5,782**	Actual customer count from PSB web site (consistent with previous year methodology)	**16.3%**	**16.3%**	940	940
61	Multi-Family Energy Efficiency Rebates	Consumer, Consumer Low-Incon	2010	Final			**-**	**1,524**	**1,524**	**1,524**	Actual % of Total MEER Savings for PowerStream	**27.1%**	**27.1%**	413	413
	Total 2010 programs							**21,543**	**21,388**	**21,353**				**4,258**	**4,297**

PowerStream Inc.
EB-2013-0166
Smart Grid Disposition Rate Rider Calculation

Assumptions and Data

Deemed Debt	60%
Deemed Equity	40%
Weighted Debt Rate (from 2013 PowerStream EDR)	**4.01%**
Proposed ROE (from 2013 PowerStream EDR)	**8.93%**
Weighted Average Cost of Capital	5.98%
Working Capital Allowance %	13.00%

2013 EDR Total Customers

Residential	308,309
General Service Less Than 50 kW	31,199
General Service Greater Than 50 kW	4,662
Large Users	2
USL	2,814
Sentinel	120
Total customers	**347,105**

	2010	2011	2012	2013	2014	2015	2016
Corporate Income Tax Rate	31.00%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%

Capital Data:

	2010	2011	2012	2013	2014	2015	2016
Smart Grid Distribution Assets			$ 64,105				
Computer Hardware							
Computer Software							
Vehicles			$ 40,898				
Total Capital Costs	$ -	$ -	$ 105,003	$ -	$ -	$ -	$ -

Amortization Policy:

	Amortization		CCA Class	CCA Rate	
Distribution Assets Amortization Rate	**40.00**	Years	**47**	**8**	%
Computer Hardware Amortization Rate	**5.00**	Years	**50**	**55**	%
Computer Software Amortization Rate	**4.00**	Years	**12**	**100**	%
Vehicles Amortization Rate	**7.00**	Years	**10**	**30**	%

Operating Expense Data:

	2010	2011	2012	2013	2014	2015	2016
Smart Grid			$ 803,499				
	$ -	$ -					
Total O M & A Costs	$ -	$ -	$ 803,499	$ -	$ -	$ -	$ -

PowerStream Inc.
EB-2013-0166
Smart Grid Disposition Rate Rider Calculation

Average Net Fixed Assets

Net Fixed Assets

	2011	2012	2013	2014	2015	2016
Opening Capital Investment	$ -	$ -	$ 64,105.00	$ 64,105.00	$ 64,105.00	$ 64,105.00
Capital Investment	$ -	$ 64,105.00				
Closing Capital Investment	$ -	$ 64,105.00	$ 64,105.00	$ 64,105.00	$ 64,105.00	$ 64,105.00
Opening Accumulated Amortization	$ -	$ -	$ 801.31	$ 2,403.94	$ 4,006.56	$ 5,609.19
Amortization Year 1 (40 Years Straight Line)	$ -	$ 801.31	$ 1,602.63	$ 1,602.63	$ 1,602.63	$ 1,602.63
Closing Accumulated Amortization	$ -	$ 801.31	$ 2,403.94	$ 4,006.56	$ 5,609.19	$ 7,211.81
Opening Net Fixed Assets	$ -	$ -	$ 63,303.69	$ 61,701.06	$ 60,098.44	$ 58,495.81
Closing Net Fixed Assets	$ -	$ 63,303.69	$ 61,701.06	$ 60,098.44	$ 58,495.81	$ 56,893.19
Average Net Fixed Assets	$ -	$ 31,651.84	$ 62,502.38	$ 60,899.75	$ 59,297.13	$ 57,694.50

Net Fixed Assets - Computer Hardware

	2011	2012	2013	2014	2015	2016
Opening Capital Investment	$ -	$ -	$ -	$ -	$ -	$ -
Capital Investment	$ -		$ -	$ -	$ -	$ -
Closing Capital Investment	$ -	$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization	$ -	$ -	$ -	$ -	$ -	$ -
Amortization Year 1 (5 Years Straight Line)	$ -	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization	$ -	$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -

Net Fixed Assets - Computer Software

	2011	2012	2013	2014	2015	2016
Opening Capital Investment	$ -	$ -	$ -	$ -	$ -	$ -
Capital Investment	$ -	$ -	$ -	$ -	$ -	$ -
Closing Capital Investment	$ -	$ -	$ -	$ -	$ -	$ -
Opening Accumulated Amortization	$ -	$ -	$ -	$ -	$ -	$ -
Amortization Year 1 (4 Years Straight Line)	$ -	$ -	$ -	$ -	$ -	$ -
Closing Accumulated Amortization	$ -	$ -	$ -	$ -	$ -	$ -
Opening Net Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -
Closing Net Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -
Average Net Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -

Net Fixed Assets - Vehicles

	2011	2012	2013	2014	2015	2016
Opening Capital Investment	$ -	$ -	$ 40,898.00	$ 40,898.00	$ 40,898.00	$ 40,898.00
Capital Investment	$ -	$ 40,898.00	$ -	$ -	$ -	$ -
Closing Capital Investment	$ -	$ 40,898.00	$ 40,898.00	$ 40,898.00	$ 40,898.00	$ 40,898.00
Opening Accumulated Amortization	$ -	$ -	$ 2,921.29	$ 8,763.86	$ 14,606.43	$ 20,449.00
Amortization Year 1 (7 Years Straight Line)	$ -	$ 2,921.29	$ 5,842.57	$ 5,842.57	$ 5,842.57	$ 5,842.57
Closing Accumulated Amortization	$ -	$ 2,921.29	$ 8,763.86	$ 14,606.43	$ 20,449.00	$ 26,291.57
Opening Net Fixed Assets	$ -	$ -	$ 37,976.71	$ 32,134.14	$ 26,291.57	$ 20,449.00
Closing Net Fixed Assets	$ -	$ 37,976.71	$ 32,134.14	$ 26,291.57	$ 20,449.00	$ 14,606.43
Average Net Fixed Assets	$ -	$ 18,988.36	$ 35,055.43	$ 29,212.86	$ 23,370.29	$ 17,527.71

PowerStream Inc.
EB-2013-0166
Smart Grid Disposition Rate Rider Calculation

For PILs Calculation

UCC - Distribution Assets

CCA Class 47 (8%)	2011	2012	2013	2014	2015	2016
Opening UCC	$ -	$ -	$ 61,540.80	$ 56,617.54	$ 52,088.13	$ 47,921.08
Capital Additions	$ -	$ 64,105.00	$ -	$ -	$ -	$ -
UCC Before Half Year Rule	$ -	$ 64,105.00	$ 61,540.80	$ 56,617.54	$ 52,088.13	$ 47,921.08
Half Year Rule (1/2 Additions - Disposals)	$ -	$ 32,052.50	$ -	$ -	$ -	$ -
Reduced UCC	$ -	$ 32,052.50	$ 61,540.80	$ 56,617.54	$ 52,088.13	$ 47,921.08
CCA Class 47 (8%)	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
CCA	$ -	$ 2,564.20	$ 4,923.26	$ 4,529.40	$ 4,167.05	$ 3,833.69
Closing UCC	$ -	$ 61,540.80	$ 56,617.54	$ 52,088.13	$ 47,921.08	$ 44,087.40

UCC - Computer Software

CCA Class 12 (100%)	2011	2012	2013	2014	2015	2016
Opening UCC	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions Computer Software	$ -	$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule	$ -	$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)	$ -	$ -	$ -	$ -	$ -	$ -
Reduced UCC	$ -	$ -	$ -	$ -	$ -	$ -
CCA Class 12 (100%)	100%	100%	100%	100%	100%	100%
CCA	$ -	$ -	$ -	$ -	$ -	$ -
Closing UCC	$ -	$ -	$ -	$ -	$ -	$ -

UCC - Computer Hardware

CCA Class 50 (55%)	2011	2012	2013	2014	2015	2016
Opening UCC	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions Computer Hardware	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions Computer Software						
UCC Before Half Year Rule	$ -	$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)	$ -	$ -	$ -	$ -	$ -	$ -
Reduced UCC	$ -	$ -	$ -	$ -	$ -	$ -
CCA Class 50 (55%)	55%	55%	55%	55%	55%	55%
CCA	$ -	$ -	$ -	$ -	$ -	$ -
Closing UCC	$ -	$ -	$ -	$ -	$ -	$ -

UCC - Vehicles

CCA Class 10 (30%)	2011	2012	2013	2014	2015	2016
Opening UCC	$ -	$ -	$ 34,763.30	$ 24,334.31	$ 17,034.02	$ 11,923.81
Capital Additions Software	$ -	$ 40,898.00	$ -	$ -	$ -	$ -
Capital Additions Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -
UCC Before Half Year Rule	$ -	$ 40,898.00	$ 34,763.30	$ 24,334.31	$ 17,034.02	$ 11,923.81
Half Year Rule (1/2 Additions - Disposals)	$ -	$ 20,449.00	$ -	$ -	$ -	$ -
Reduced UCC	$ -	$ 20,449.00	$ 34,763.30	$ 24,334.31	$ 17,034.02	$ 11,923.81
CCA Class 10 (30%)	30%	30%	30%	30%	30%	30%
CCA	$ -	$ 6,134.70	$ 10,428.99	$ 7,300.29	$ 5,110.21	$ 3,577.14
Closing UCC	$ -	$ 34,763.30	$ 24,334.31	$ 17,034.02	$ 11,923.81	$ 8,346.67

PowerStream Inc.
EB-2013-0166
Smart Grid Disposition Rate Rider Calculation

Rate Calculation

	2010		2011		2012		2013		2014		2015		2016	
Average Asset Values														
Net Fixed Assets Smart Grid Distribution Assets	$ -		$ -		$ 31,652		$ 62,502		$ 60,900		$ 59,297		$ 57,695	
Net Fixed Assets Computer Hardware	$ -		$ -		$ -		$ -		$ -		$ -		$ -	
Net Fixed Assets Computer Software	$ -		$ -		$ -		$ -		$ -		$ -		$ -	
Net Fixed Assets Vehicles	$ -		$ -		$ 18,988		$ 35,055		$ 29,213		$ 23,370		$ 17,528	
Total Net Fixed Assets	$ -	$ -	$ -	$ -	$ 50,640	$ 50,640	$ 97,558	$ 97,558	$ 90,113	$ 90,113	$ 82,667	$ 82,667	$ 75,222	$ 75,222
Working Capital														
Operation Expense	$ -		$ -		$ 803,499		$ -		$ -		$ -		$ -	
Working Capital 13 %	$ -	$ -	$ -	$ -	$ 104,455	$ 104,455	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Assets to be included in Rate Base		$ -		$ -		$ 155,095		$ 97,558		$ 90,113		$ 82,667		$ 75,222
Return on Rate Base														
Deemed Debt	60%	$ -	60%	$ -	60%	$ 93,057	60%	$ 58,535	60%	$ 54,068	60%	$ 49,600	60%	$ 45,133
Deemed Equity	40%	$ -	40%	$ -	40%	$ 62,038	40%	$ 39,023	40%	$ 36,045	40%	$ 33,067	40%	$ 30,089
		$ -		$ -		$ 155,095		$ 97,558		$ 90,113		$ 82,667		$ 75,222
Weighted Debt Rate	4.01%	$ -	4.01%	$ -	4.01%	$ 3,732	4.01%	$ 2,347	4.01%	$ 2,168	4.01%	$ 1,989	4.01%	$ 1,810
Proposed ROE	8.93%	$ -	8.93%	$ -	8.93%	$ 5,540	8.93%	$ 3,485	8.93%	$ 3,219	8.93%	$ 2,953	8.93%	$ 2,687
Return on Rate Base		$ -	$ -		$ -	$ -		$ 9,272	$ 9,272		$ 5,832	$ 5,832		$ 5,387	$ 5,387		$ 4,942	$ 4,942		$ 4,497	$ 4,497
Operating Expenses														
Incremental Operating Expenses		$ -		$ -		$ 803,499		$ -		$ -		$ -		$ -
Amortization Expenses														
Amortization Expenses - Smart Grid Distribution Assets		$ -		$ -		$ 801		$ 1,603		$ 1,603		$ 1,603		$ 1,603
Amortization Expenses - Computer Hardware		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Amortization Expenses - Computer Software		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Amortization Expenses - Vehicles		$ -		$ -		$ 2,921		$ 5,843		$ 5,843		$ 5,843		$ 5,843
Total Amortization Expenses		$ -		$ -		$ 3,723		$ 7,445		$ 7,445		$ 7,445		$ 7,445
Revenue Requirement Before PILs		$ -		$ -		$ 816,493		$ 13,277		$ 12,832		$ 12,387		$ 11,942
Calculation of Taxable Income														
Incremental Operating Expenses		$ -		$ -		-$ 803,499		$ -		$ -		$ -		$ -
Depreciation Expenses		$ -		$ -		-$ 3,723		-$ 7,445		-$ 7,445		-$ 7,445		-$ 7,445
Interest Expense		$ -		$ -		-$ 3,732		-$ 2,347		-$ 2,168		-$ 1,989		-$ 1,810
Taxable Income For PILs		$ -		$ -		$ 5,540		$ 3,485		$ 3,219		$ 2,953		$ 2,687
Grossed up PILs		$ -		$ -		$ 203		-$ 1,594		-$ 420		$ 404		$ 981
Revenue Requirement Before PILs		$ -		$ -		$ 816,493		$ 13,277		$ 12,832		$ 12,387		$ 11,942
Grossed up PILs		$ -		$ -		$ 203		-$ 1,594		-$ 420		$ 404		$ 981
Revenue Requirement		**$ -**		**$ -**		**$ 816,696**		**$ 11,683**		**$ 12,412**		**$ 12,791**		**$ 12,923**

PILs Calculation

	2010	2011	2012	2013	2014	2015	2016
INCOME TAX							
Net Income	$ -	$ -	$ 5,540	$ 3,485	$ 3,219	$ 2,953	$ 2,687
Amortization	$ -	$ -	$ 3,723	$ 7,445	$ 7,445	$ 7,445	$ 7,445
CCA - Class 47 (8%) Distribution Assets	$ -	$ -	-$ 2,564	-$ 4,923	-$ 4,529	-$ 4,167	-$ 3,834
CCA - Class 12(100%) Software	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CCA - Class 50 (55%) Computers	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CCA - Class 10 (30%) Vehicles	$ -	$ -	-$ 6,135	-$ 10,429	-$ 7,300	-$ 5,110	-$ 3,577
Taxable income	$ -	$ -	$ 564	-$ 4,422	-$ 1,166	$ 1,121	$ 2,721
Tax Rate	31.00%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Income Taxes Payable	$ -	$ -	$ 149	-$ 1,172	-$ 309	$ 297	$ 721

Gross Up

	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in Income Taxes Payable	$ -	$ -	$ 149	-$ 1,172	-$ 309	$ 297	$ 721
Change in OCT	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PIL's	$ -	$ -	$ 149	-$ 1,172	-$ 309	$ 297	$ 721

	Gross Up 31.00%	Gross Up 26.50%	Gross Up 26.50%	Gross Up 26.50%	Gross Up 26.50%	Gross Up 26.50%	Gross Up 26.50%
	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs
Change in Income Taxes Payable	$ -	$ -	$ 203	-$ 1,594	-$ 420	$ 404	$ 981
Change in OCT	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PIL's	**$ -**	**$ -**	**$ 203**	**-$ 1,594**	**-$ 420**	**$ 404**	**$ 981**

PowerStream Inc.
EB-2013-0166
Smart Grid Cost Rate Rider Calculations

Total Revenue Requirement	**$ 840,791**

Rate Class	Distribution Revenue	Distribution Revenue %	Allocated Revenue Requirement	Re-based Billed Customers or Connections	Annualized Amount Required per Customer	Number of Months in a Year	Proposed Rate Adder
RESIDENTIAL	$ 82,880,697	53.74%	$ 451,843	308,309	$ 1.47	12	$ 0.12
GENERAL SERVICE LESS THAN 50 KW	$ 23,667,311	15.35%	$ 129,028	31,199	$ 4.14	12	$ 0.34
GENERAL SERVICE 50 TO 4,999 KW	$ 44,578,212	28.90%	$ 243,028	4,662	$ 52.13	12	$ 4.34
LARGE USE	$ 286,079	0.19%	$ 1,560	2	$ 779.81	12	$ 64.98
STANDBY POWER							
UNMETERED SCATTERED LOAD	$ 430,380	0.28%	$ 2,346	2,814	$ 0.83	12	$ 0.07
SENTINEL LIGHTING	$ 14,476	0.01%	$ 79	120	$ 0.66	12	$ 0.05
STREET LIGHTING	$ 2,367,618	1.54%	$ 12,908	83,370	$ 0.15	12	$ 0.01
Total	**$ 154,224,772**	**100.00%**	**$ 840,791**	**430,476**			

PowerStream Inc

Renewable Generation Connection Rate Protection

Compensation Amounts under Ontario Regulation 330/09

Summary of Revenue Requirement for Recovery in 2014

Year	Revenue Requirement	
2012	$	27,162
2013	$	56,993
2014	$	61,915
Total	**$**	**146,070**

PowerStream Inc
Renewable Generation Connection Rate Protection (RGCRP)
Compensation Amounts under Ontario Regulation 330/09

	2012		2013		2014		2015	
Net Fixed Assets		$ 295,264		$ 577,107		$ 550,264		$ 523,422
OM&A	$ -		$ -		$ -		$ -	
WCA	15.0%	$ -	13.0%	$ -	13.0%	$ -	13.0%	$ -
Rate Base		$ 295,264		$ 577,107		$ 550,264		$ 523,422
Deemed ST Debt	4%	$ 11,811	*4%*	$ 23,084	*4%*	$ 22,011	*4%*	$ 20,937
Deemed LT Debt	56%	$ 165,348	*56%*	$ 323,180	*56%*	$ 308,148	*56%*	$ 293,116
Deemed Equity	40%	$ 118,106	*40%*	$ 230,843	*40%*	$ 220,106	*40%*	$ 209,369
ST Interest	1.33%	$ 157	*2.08%*	$ 480	*2.08%*	$ 458	*2.08%*	$ 435
LT Interest	5.89%	$ 9,739	*4.15%*	$ 13,412	*4.15%*	$ 12,788	*4.15%*	$ 12,164
ROE	8.01%	$ 9,460	*8.93%*	$ 20,614	*8.93%*	$ 19,655	*8.93%*	$ 18,697
		$ 19,356		$ 34,506		$ 32,901		$ 31,296
OM&A		**$ -**		**$ -**		**$ -**		**$ -**
Amortization		$ 13,421		$ 26,842		$ 26,842		$ 26,842
Grossed-up PILs		-$ 5,615		-$ 4,356		$ 2,171		$ 2,993
RGCRP - Revenue Requirement		**$ 27,162**		**$ 56,993**		**$ 61,915**		**$ 61,132**

Revenue Requirement

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09
PILs Calculation

	2012	2013	2014	2015
INCOME TAX				
Net Income	$ 9,460	$ 20,614	$ 19,655	$ 18,697
Amortization	$ 13,421	$ 26,842	$ 26,842	$ 26,842
CCA	-$ 38,456	-$ 59,538	-$ 40,476	-$ 37,238
Change in taxable income	-$ 15,575	-$ 12,081	$ 6,021	$ 8,301
Tax Rate	26.50%	26.50%	26.50%	26.50%
Income Taxes Payable	-$ 4,127	-$ 3,202	$ 1,596	$ 2,200
ONTARIO CAPITAL TAX				
Closing Net Fixed Assets	$ 288,461	$ 274,075	$ 259,690	$ 245,305
Less: Exemption	$ -	$ -	$ -	$ -
Deemed Taxable Capital	$ 288,461	$ 274,075	$ 259,690	$ 245,305
Ontario Capital Tax Rate				
Net Amount (Taxable Capital x Rate)	$ -	$ -	$ -	$ -

Gross Up	2012	2013	2014	2015
	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in Income Taxes Payable	-$ 4,127	-$ 3,202	$ 1,596	$ 2,200
Change in OCT	$ -	$ -	$ -	$ -
PIL's	-$ 4,127	-$ 3,202	$ 1,596	$ 2,200

	2012 Grossed Up PILs	2013 Grossed Up PILs	2014 Grossed Up PILs	2015 Grossed Up PILs
Change in Income Taxes Payable	-$ 5,615	-$ 4,356	$ 2,171	$ 2,993
Change in OCT	$ -	$ -	$ -	$ -
PIL's	**-$ 5,615**	**-$ 4,356**	**$ 2,171**	**$ 2,993**

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09
Average Net Fixed Assets

Net Fixed Assets/1818		**2012**	**2013**	**2014**	**2015**
Opening Capital Investment			$ 264,570	$ 264,570	$ 264,570
Capital Investment		$ 264,570			
Closing Capital Investment		$ 264,570	$ 264,570	$ 264,570	$ 264,570
Opening Accumulated Amortization			$ 3,307	$ 9,921	$ 16,536
Amortization Year One	*40*	$ 3,307	$ -	$ -	$ -
Amortization Thereafter	*40*	$ -	$ 6,614	$ 6,614	$ 6,614
Closing Accumulated Amortization		$ 3,307	$ 9,921	$ 16,536	$ 23,150
Opening Net Fixed Assets		$ -	$ 261,263	$ 254,648	$ 248,034
Closing Net Fixed Assets		$ 261,263	$ 254,648	$ 248,034	$ 241,420
Average Net Fixed Assets		$ 130,631	$ 257,956	$ 251,341	$ 244,727

Net Fixed Assets/Software (1925)		**2012**	**2013**	**2014**	**2015**
Opening Capital Investment			$ 31,083	$ 31,083	$ 31,083
Capital Investment		$ 31,083			
Closing Capital Investment		$ 31,083	$ 31,083	$ 31,083	$ 31,083
Opening Accumulated Amortization			$ 3,885	$ 11,656	$ 19,427
Amortization Year One	*4*	$ 3,885	$ -	$ -	$ -
Amortization Thereafter	*4*	$ -	$ 7,771	$ 7,771	$ 7,771
Closing Accumulated Amortization		$ 3,885	$ 11,656	$ 19,427	$ 27,198
Opening Net Fixed Assets		$ -	$ 27,198	$ 19,427	$ 11,656
Closing Net Fixed Assets		$ 27,198	$ 19,427	$ 11,656	$ 3,885
Average Net Fixed Assets		$ 13,599	$ 23,312	$ 15,542	$ 7,771

Net Fixed Assets /*1981 RTUs*		**2012**	**2013**	**2014**	**2015**
Opening Capital Investment			$ 81,732	$ 81,732	$ 81,732
Capital Investment		$ 81,732			
Closing Capital Investment		$ 81,732	$ 81,732	$ 81,732	$ 81,732
Opening Accumulated Amortization			$ 2,724	$ 8,173	$ 13,622
Amortization Year One	*15*	$ 2,724	$ -	$ -	$ -
Amortization Thereafter	*15*	$ -	$ 5,449	$ 5,449	$ 5,449
Closing Accumulated Amortization		$ 2,724	$ 8,173	$ 13,622	$ 19,071
Opening Net Fixed Assets		$ -	$ 79,007	$ 73,558	$ 68,110
Closing Net Fixed Assets		$ 79,007	$ 73,558	$ 68,110	$ 62,661
Average Net Fixed Assets		$ 39,504	$ 76,283	$ 70,834	$ 65,385

Net Fixed Assets /*P&C systems*		**2012**	**2013**	**2014**	**2015**
Opening Capital Investment			$ 67,380	$ 67,380	$ 67,380
Capital Investment		$ 67,380			
Closing Capital Investment		$ 67,380	$ 67,380	$ 67,380	$ 67,380
Opening Accumulated Amortization			$ 1,685	$ 5,054	$ 8,423
Amortization Year One	*20*	$ 1,685	$ -	$ -	$ -
Amortization Thereafter	*20*	$ -	$ 3,369	$ 3,369	$ 3,369
Closing Accumulated Amortization		$ 1,685	$ 5,054	$ 8,423	$ 11,792
Opening Net Fixed Assets		$ -	$ 65,696	$ 62,327	$ 58,958
Closing Net Fixed Assets		$ 65,696	$ 62,327	$ 58,958	$ 55,589
Average Net Fixed Assets		$ 32,848	$ 64,011	$ 60,642	$ 57,273

Net Fixed Assets /*1821*		**2012**	**2013**	**2014**	**2015**
Opening Capital Investment			$ 36,735	$ 36,735	$ 36,735
Capital Investment		$ 36,735			
Closing Capital Investment		$ 36,735	$ 36,735	$ 36,735	$ 36,735
Opening Accumulated Amortization			$ 459	$ 1,378	$ 2,296
Amortization Year One	*40*	$ 459	$ -	$ -	$ -
Amortization Thereafter	*40*	$ -	$ 918	$ 918	$ 918
Closing Accumulated Amortization		$ 459	$ 1,378	$ 2,296	$ 3,214
Opening Net Fixed Assets		$ -	$ 36,276	$ 35,357	$ 34,439
Closing Net Fixed Assets		$ 36,276	$ 35,357	$ 34,439	$ 33,521
Average Net Fixed Assets		$ 18,138	$ 35,816	$ 34,898	$ 33,980

Net Fixed Assets /*1845*		**2012**	**2013**	**2014**	**2015**
Opening Capital Investment			$ 122,449	$ 122,449	$ 122,449
Capital Investment		$ 122,449			
Closing Capital Investment		$ 122,449	$ 122,449	$ 122,449	$ 122,449
Opening Accumulated Amortization			$ 1,361	$ 4,082	$ 6,803
Amortization Year One	*45*	$ 1,361	$ -	$ -	$ -
Amortization Thereafter	*45*	$ -	$ 2,721	$ 2,721	$ 2,721
Closing Accumulated Amortization		$ 1,361	$ 4,082	$ 6,803	$ 9,524
Opening Net Fixed Assets		$ -	$ 121,089	$ 118,368	$ 115,647
Closing Net Fixed Assets		$ 121,089	$ 118,368	$ 115,647	$ 112,926
Average Net Fixed Assets		$ 60,544	$ 119,728	$ 117,007	$ 114,286
check					
Additions		$ 603,949	$ -	$ -	$ -
Average Net Fixed Assets		**$ 295,264**	**$ 577,107**	**$ 550,264**	**$ 523,422**
Total Amortization		**$ 13,421**	**$ 26,842**	**$ 26,842**	**$ 26,842**

For PILs Calculation

UCC / Class 47		**2012**	**2013**	**2014**	**2015**
Opening UCC			$ 549,951	$ 505,955	$ 465,479
Capital Additions		$ 572,866			
UCC Before Half Year Rule		$ 572,866	$ 549,951	$ 505,955	$ 465,479
Half Year Rule (1/2 Additions - Disposals)		$ 286,433	$ -	$ -	$ -
Reduced UCC		$ 286,433	$ 549,951	$ 505,955	$ 465,479
CCA Rate Class	47				
CCA Rate	8%	8%	8%	8%	8%
CCA		$ 22,915	$ 43,996	$ 40,476	$ 37,238
Closing UCC		$ 549,951	$ 505,955	$ 465,479	$ 428,240

UCC /class 12		**2012**	**2013**	**2014**	**2015**
Opening UCC			$ 15,542	$ -	$ -
Capital Additions		$ 31,083			
UCC Before Half Year Rule		$ 31,083	$ 15,542	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ 15,542	$ -	$ -	$ -
Reduced UCC		$ 15,542	$ 15,542	$ -	$ -
CCA Rate Class	12				
CCA Rate	100%	100%	100%	100%	100%
CCA		$ 15,542	$ 15,542	$ -	$ -
Closing UCC		$ 15,542	$ -	$ -	$ -

PowerStream Inc
Renewable Generation Connection Rate Protection (RGCRP)
Compensation Amounts under Ontario Regulation 330/09

Calculation of Direct benefits

		Actual 2012	Direct Benefit	Eligible Amount
Capital spending			6%	
WiMax Communication Network		$ 254,459	$ 15,268	$ 239,191
CIS modifications for FIT		$ 33,067	$ 1,984	$ 31,083
Fault Level Reduction and Station programming		$ 354,973	$ 21,298	$ 333,675
Total		$ 642,499	$ 38,550	$ 603,949

Gross cost:

Summary by Account	1818	1981	1822	1821	1845	1925	Total
Wimax	$ 95,829	$ 86,948	$ 71,681	$ -	$ -	$ -	$ 254,459
Fault Level Reduction and Station programming	$ 185,628	$ -	$ -	$ 39,080	$ 130,265	$ -	$ 354,973
CIS program requirements	$ -	$ -	$ -		$ -	$ 33,067	$ 33,067
Total	$ 281,457	$ 86,948	$ 71,681	$ 39,080	$ 130,265	$ 33,067	$ 642,499

Net of direct benefit:

Summary by Account	1818	1981	1822	1821	1845	1925	Total
Wimax	$ 90,079	$ 81,732	$ 67,380	$ -	$ -	$ -	$ 239,191
Fault Level Reduction and Station programming	$ 174,490	$ -	$ -	$ 36,735	$ 122,449	$ -	$ 333,675
CIS program requirements	$ -	$ -	$ -	$ -	$ -	$ 31,083	$ 31,083
Total	$ 264,570	$ 81,732	$ 67,380	$ 36,735	$ 122,449	$ 31,083	$ 603,949

1818 - Transformer stations, winding
1981 - System Supervisory Equipment, Remote Terminal Units (RTUs)
1822 - Transformer stations, Protection and control system
1821 - Transformer stations, grounding system
1845 - Underground conductor and devices
1925 - Computer application software

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09

Summary of Revenue Requirement
RGC Eligible Investments in 2011 and Prior

Approved for recovery in 2013:

Year	Revenue Requirement	
2010	$	4,455
2011	$	28,013
2012	$	60,626
2013	$	69,590
Total	**$**	**162,684**

Proposed for recovery in 2014:

Year	Revenue Requirement	
2014	**$**	**67,769**

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09

	2010		2011		2012		2013		2014		2015	
Net Fixed Assets		$ 40,060		$ 275,566		$ 452,657		$ 415,945		$ 379,234		$ 347,083
OM&A	$ -		$ -		$ -		$ -		$ -		$ -	
WCA	13.0%	$ -	13.0%	$ -	13.0%	$ -	13.0%	$ -	13.0%	$ -	13.0%	$ -
Rate Base		$ 40,060		$ 275,566		$ 452,657		$ 415,945		$ 379,234		$ 347,083
Deemed ST Debt	4%	$ 1,602	4%	$ 11,023	4%	$ 18,106	*4%*	$ 16,638	*4%*	$ 15,169	*4%*	$ 13,883
Deemed LT Debt	56%	$ 22,433	56%	$ 154,317	56%	$ 253,488	*56%*	$ 232,929	*56%*	$ 212,371	*56%*	$ 194,366
Deemed Equity	40%	$ 16,024	40%	$ 110,226	40%	$ 181,063	*40%*	$ 166,378	*40%*	$ 151,694	*40%*	$ 138,833
ST Interest	1.33%	$ 21	1.33%	$ 147	1.33%	$ 241	*2.08%*	$ 346	*2.08%*	$ 316	*2.08%*	$ 289
LT Interest	5.89%	$ 1,321	5.89%	$ 9,089	5.89%	$ 14,930	*4.15%*	$ 9,667	*4.15%*	$ 8,813	*4.15%*	$ 8,066
ROE	8.01%	$ 1,284	8.01%	$ 8,829	8.01%	$ 14,503	*8.93%*	$ 14,858	*8.93%*	$ 13,546	*8.93%*	$ 12,398
		$ 2,626		$ 18,065		$ 29,674		$ 24,870		$ 22,675		$ 20,753
OM&A		**$ -**		**$ -**		**$ -**		**$ -**		**$ -**		**$ -**
Amortization		$ 1,981		$ 20,336		$ 36,711		$ 36,711		$ 36,711		$ 27,593
Grossed-up PILs		-$ 152		-$ 10,388		-$ 5,760		$ 8,009		$ 8,383		$ 5,460
Provincial Rate Protection - Revenue Requirement		**$ 4,455**		**$ 28,013**		**$ 60,626**		**$ 69,590**		**$ 67,769**		**$ 53,805**

Revenue requirement 2010-2013 $ 162,684

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09
PILs Calculation

	2010	2011	2012	2013	2014	2015
INCOME TAX						
Net Income	$ 1,284	$ 8,829	$ 14,503	$ 14,858	$ 13,546	$ 12,398
Amortization	$ 1,981	$ 20,336	$ 36,711	$ 36,711	$ 36,711	$ 27,593
CCA	-$ 3,650	-$ 55,550	-$ 67,189	-$ 29,355	-$ 27,007	-$ 24,846
Change in taxable income	-$ 386	-$ 26,385	-$ 15,975	$ 22,213	$ 23,251	$ 15,144
Tax Rate	28.25%	28.25%	26.50%	26.50%	26.50%	26.50%
Income Taxes Payable	-$ 109	-$ 7,454	-$ 4,233	$ 5,887	$ 6,161	$ 4,013
ONTARIO CAPITAL TAX						
Closing Net Fixed Assets	$ 30,937	$ 224,622	$ 202,652	$ 180,682	$ 158,712	$ 145,861
Less: Exemption	$ -	$ -	$ -	$ -	$ -	$ -
Deemed Taxable Capital	$ 30,937	$ 224,622	$ 202,652	$ 180,682	$ 158,712	$ 145,861
Ontario Capital Tax Rate						
Net Amount (Taxable Capital x Rate)	$ -	$ -	$ -	$ -	$ -	$ -

Gross Up

	2010	2011	2012	2013	2014	2015
	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in Income Taxes Payable	-$ 109	-$ 7,454	-$ 4,233	$ 5,887	$ 6,161	$ 4,013
Change in OCT	$ -	$ -	$ -	$ -	$ -	$ -
PIL's	-$ 109	-$ 7,454	-$ 4,233	$ 5,887	$ 6,161	$ 4,013

	2010	2011	2012	2013	2014	2015
	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs
Change in Income Taxes Payable	-$ 152	-$ 10,388	-$ 5,760	$ 8,009	$ 8,383	$ 5,460
Change in OCT	$ -	$ -	$ -	$ -	$ -	$ -
PIL's	**-$ 152**	**-$ 10,388**	**-$ 5,760**	**$ 8,009**	**$ 8,383**	**$ 5,460**

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09
Average Net Fixed Assets

Net Fixed Assets		2010	2011	2012	2013	2014	2015
Opening Capital Investment		$ -	$ 30,624	$ 165,213	$ 165,213	$ 165,213	$ 165,213
Capital Investment		$ 30,624	$ 134,589				
Closing Capital Investment		$ 30,624	$ 165,213	$ 165,213	$ 165,213	$ 165,213	$ 165,213
Opening Accumulated Amortization		$ -	$ 383	$ 2,831	$ 6,961	$ 11,091	$ 15,222
Amortization Year One	*40*	$ 383	$ 1,682	$ -	$ -	$ -	$ -
Amortization Thereafter	*40*	$ -	$ 766	$ 4,130	$ 4,130	$ 4,130	$ 4,130
Closing Accumulated Amortization		$ 383	$ 2,831	$ 6,961	$ 11,091	$ 15,222	$ 19,352
Opening Net Fixed Assets		$ -	$ 30,241	$ 162,382	$ 158,252	$ 154,122	$ 149,991
Closing Net Fixed Assets		$ 30,241	$ 162,382	$ 158,252	$ 154,122	$ 149,991	$ 145,861
Average Net Fixed Assets		$ 15,121	$ 96,312	$ 160,317	$ 156,187	$ 152,056	$ 147,926

Net Fixed Assets/Software		2010	2011	2012	2013	2014	2015
Opening Capital Investment		$ -	$ 795	$ 71,358	$ 71,358	$ 71,358	$ 71,358
Capital Investment		$ 795	$ 70,563				
Closing Capital Investment		$ 795	$ 71,358	$ 71,358	$ 71,358	$ 71,358	$ 71,358
Opening Accumulated Amortization		$ -	$ 99	$ 9,119	$ 26,958	$ 44,798	$ 62,637
Amortization Year One	*4*	$ 99	$ 8,820	$ -	$ -	$ -	$ -
Amortization Thereafter	*4*	$ -	$ 199	$ 17,840	$ 17,840	$ 17,840	$ 8,721
Closing Accumulated Amortization		$ 99	$ 9,119	$ 26,958	$ 44,798	$ 62,637	$ 71,358
Opening Net Fixed Assets		$ -	$ 696	$ 62,240	$ 44,400	$ 26,561	$ 8,721
Closing Net Fixed Assets		$ 696	$ 62,240	$ 44,400	$ 26,561	$ 8,721	$ -
Average Net Fixed Assets		$ 348	$ 31,468	$ 53,320	$ 35,480	$ 17,641	$ 4,361

Net Fixed Assets /*1981*		2010	2011	2012	2013	2014	2015
Opening Capital Investment		$ -	$ 27,778	$ 134,226	$ 134,226	$ 134,226	$ 134,226
Capital Investment		$ 27,778	$ 106,448				
Closing Capital Investment		$ 27,778	$ 134,226	$ 134,226	$ 134,226	$ 134,226	$ 134,226
Opening Accumulated Amortization		$ -	$ 926	$ 6,326	$ 15,274	$ 24,223	$ 33,171
Amortization Year One	*15*	$ 926	$ 3,548	$ -	$ -	$ -	$ -
Amortization Thereafter	*15*	$ -	$ 1,852	$ 8,948	$ 8,948	$ 8,948	$ 8,948
Closing Accumulated Amortization		$ 926	$ 6,326	$ 15,274	$ 24,223	$ 33,171	$ 42,120
Opening Net Fixed Assets		$ -	$ 26,852	$ 127,900	$ 118,952	$ 110,003	$ 101,055
Closing Net Fixed Assets		$ 26,852	$ 127,900	$ 118,952	$ 110,003	$ 101,055	$ 92,106
Average Net Fixed Assets		$ 13,426	$ 77,376	$ 123,426	$ 114,477	$ 105,529	$ 96,581

Net Fixed Assets /*P&C systems*		2010	2011	2012	2013	2014	2015
Opening Capital Investment		$ -	$ 22,903	$ 110,667	$ 110,667	$ 110,667	$ 110,667
Capital Investment		$ 22,903	$ 87,764				
Closing Capital Investment		$ 22,903	$ 110,667	$ 110,667	$ 110,667	$ 110,667	$ 110,667
Opening Accumulated Amortization		$ -	$ 573	$ 3,912	$ 9,445	$ 14,979	$ 20,512
Amortization Year One	*20*	$ 573	$ 2,194	$ -	$ -	$ -	$ -
Amortization Thereafter	*20*	$ -	$ 1,145	$ 5,533	$ 5,533	$ 5,533	$ 5,533
Closing Accumulated Amortization		$ 573	$ 3,912	$ 9,445	$ 14,979	$ 20,512	$ 26,045
Opening Net Fixed Assets		$ -	$ 22,330	$ 106,755	$ 101,222	$ 95,688	$ 90,155
Closing Net Fixed Assets		$ 22,330	$ 106,755	$ 101,222	$ 95,688	$ 90,155	$ 84,622
Average Net Fixed Assets		$ 11,165	$ 64,543	$ 103,989	$ 98,455	$ 92,922	$ 87,388

Net Fixed Assets /*1912*		**2010**	**2011**	**2012**	**2013**	**2014**	**2015**
Opening Capital Investment		$ -	$ -	$ 1,873	$ 1,873	$ 1,873	$ 1,873
Capital Investment		$ -	$ 1,873				
Closing Capital Investment		$ -	$ 1,873	$ 1,873	$ 1,873	$ 1,873	$ 1,873
Opening Accumulated Amortization		$ -	$ -	$ 19	$ 56	$ 94	$ 131
Amortization Year One	*50*	$ -	$ 19	$ -	$ -	$ -	$ -
Amortization Thereafter	*50*	$ -	$ -	$ 37	$ 37	$ 37	$ 37
Closing Accumulated Amortization		$ -	$ 19	$ 56	$ 94	$ 131	$ 169
Opening Net Fixed Assets		$ -	$ -	$ 1,854	$ 1,817	$ 1,779	$ 1,742
Closing Net Fixed Assets		$ -	$ 1,854	$ 1,817	$ 1,779	$ 1,742	$ 1,704
Average Net Fixed Assets		$ -	$ 927	$ 1,836	$ 1,798	$ 1,761	$ 1,723

Net Fixed Assets /*1912*		**2010**	**2011**	**2012**	**2013**	**2014**	**2015**
Opening Capital Investment		$ -	$ -	$ 9,992	$ 9,992	$ 9,992	$ 9,992
Capital Investment		$ -	$ 9,992				
Closing Capital Investment		$ -	$ 9,992	$ 9,992	$ 9,992	$ 9,992	$ 9,992
Opening Accumulated Amortization		$ -	$ -	$ 111	$ 333	$ 555	$ 777
Amortization Year One	*45*	$ -	$ 111	$ -	$ -	$ -	$ -
Amortization Thereafter	*45*	$ -	$ -	$ 222	$ 222	$ 222	$ 222
Closing Accumulated Amortization		$ -	$ 111	$ 333	$ 555	$ 777	$ 999
Opening Net Fixed Assets		$ -	$ -	$ 9,881	$ 9,659	$ 9,437	$ 9,215
Closing Net Fixed Assets		$ -	$ 9,881	$ 9,659	$ 9,437	$ 9,215	$ 8,993
Average Net Fixed Assets		$ -	$ 4,940	$ 9,770	$ 9,548	$ 9,326	$ 9,104
check		$ 82,100	$ 411,229	$ 493,329			
Average Net Fixed Assets		**$ 40,060**	**$ 275,566**	**$ 452,657**	**$ 415,945**	**$ 379,234**	**$ 347,083**
Total Amortization		**$ 1,981**	**$ 20,336**	**$ 36,711**	**$ 36,711**	**$ 36,711**	**$ 27,593**

For PILs Calculation

UCC / Class 47		**2010**	**2011**	**2012**	**2013**	**2014**	**2015**
Opening UCC		$ -	$ 78,053	$ 398,848	$ 366,940	$ 337,585	$ 310,578
Capital Additions		$ 81,305	$ 340,666				
UCC Before Half Year Rule		$ 81,305	$ 418,719	$ 398,848	$ 366,940	$ 337,585	$ 310,578
Half Year Rule (1/2 Additions - Disposals)		$ 40,653	$ 170,333	$ -	$ -	$ -	$ -
Reduced UCC		$ 40,653	$ 248,386	$ 398,848	$ 366,940	$ 337,585	$ 310,578
CCA Rate Class	47						
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA		$ 3,252	$ 19,871	$ 31,908	$ 29,355	$ 27,007	$ 24,846
Closing UCC		$ 78,053	$ 398,848	$ 366,940	$ 337,585	$ 310,578	$ 285,732

UCC /class 12		**2010**	**2011**	**2012**	**2013**	**2014**	**2015**
Opening UCC		$ -	$ 398	$ 35,282	$ -	$ -	$ -
Capital Additions		$ 795	$ 70,563				
UCC Before Half Year Rule		$ 795	$ 70,961	$ 35,282	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)		$ 398	$ 35,282	$ -	$ -	$ -	$ -
Reduced UCC		$ 398	$ 35,679	$ 35,282	$ -	$ -	$ -
CCA Rate Class	12						
CCA Rate	100%	100%	100%	100%	100%	100%	100%
CCA		$ 398	$ 35,679	$ 35,282	$ -	$ -	$ -
Closing UCC		$ 398	$ 35,282	$ -	$ -	$ -	$ -

PowerStream Inc

Renewable Generation Connection Rate Protection (RGCRP)

Compensation Amounts under Ontario Regulation 330/09

Calculation of Direct benefits, $000s

		Actual 2010 - 2011
Capital spending		
WiMax Communication Network		425.103
CIS modifications for FIT		69.431
Fault Level Reduction and Station programming		30.284
Total		**524.818**
Benefits to PowerStream customers		
WiMax Communication Network	6%	25.506
CIS modifications for FIT	6%	4.166
Fault Level Reduction and Station programming	6%	1.817
Total Direct Benefits		**31.489**
To be recovered through RGCRP		**493.329**

To be recovered through RGCRP:

Fixed Assets split	Acct	Amount	Asset life, years	CCA rate	CCA rate class	2010	2011	2010-2011
Steel structure - wimax - [TS station equip]	*1818*	147,977	40	8%	*47*	30,624	117,353	147,977
Base station, antennae -wimax - [scada equip]	*1981*	134,226	15	8%	*47*	27,778	106,448	134,226
Wimax (P&C)	*1822*	110,667	20	8%	*47*	22,903	87,764	110,667
software	*1925*	71,358	4	100%	*12*	795	70,563	71,358
Reactor Core	*1818*	14,238	40	8%	*47*	-	14,238	14,238
Reactor Core Pedestal	*1912*	1,873	50	8%	*47*	-	1,873	1,873
Switchgear / 2 units	*1821*	2,998	40	8%	*47*	-	2,998	2,998
U/G cable - 1000 mcm	*1845*	9,992	45	8%	*47*	-	9,992	9,992
Total		**493,329**				**82,100**	**411,229**	**493,329**