



ONTARIO ENERGY BOARD

STAFF SUBMISSION

APPLICATION FOR AN INCREASED SMART METER FUNDING ADDER

Horizon Utilities Corporation

EB-2010-0292

February 3, 2011

**Board Staff Submission
Horizon Utilities Corporation
Application for an Increased Smart Meter Funding Adder
EB-2010-0292**

Introduction

Horizon Utilities Corporation (“Horizon”) filed an application (the “Application”) with the Ontario Energy Board (the “Board”) on September 27, 2010, under section 78 of the *Ontario Energy Board Act, 1998*, seeking approval for changes to the Smart Meter Funding Adder that Horizon charges to help fund the deployment of smart meters in accordance with Government policy and regulations. In the Application, Horizon proposed to increase the approved Smart Meter Funding Adder from \$1.56 per month to \$2.45 per month, applicable to all metered ratepayers. Horizon proposed that the increase would be effective December 1, 2010. The Application for an increase to the Smart Meter Funding Adder is separate from Horizon’s application to rebase its electricity distribution rates which is being considered by the Board under File No. EB-2010-0131.

Notice of Application and Hearing was issued on October 27, 2010. Horizon subsequently published the Notice and served it on all registered intervenors in its 2011 Cost of Service application. There were no interventions, but four letters of comment were received by the Board with respect to Horizon’s Application.

In response to Board staff IR # 2, Horizon revised its proposed Smart Meter Funding Adder to \$2.47 per month per metered customer, as a result of a review of some recorded costs. In response to subsequent Board staff IRs, Horizon submitted further adjustments. Page 4 of the response to Board staff IR # 5 states:

Horizon Utilities had originally requested December 1, 2010 as the effective date for the smart meter funding adder. Horizon Utilities submits that a revised effective date of March 1, 2011 is appropriate. Horizon Utilities is therefore providing a forecast of the Smart Meter Funding Adder revenue (from the existing Smart Meter Funding Adder) for the period December 1, 2010 to February 28, 2011 and incorporating such into the model. Customer numbers have been updated to reflect that which was

filed with the Board on January 10, 2011 and have been incorporated into the model. Retaining the month period over which the Revenue Requirement is collected (March 1, 2011 to March 31, 2012) results in a Smart Meter Funding Adder of \$2.15 per metered customer per month.

On January 28, 2011, Horizon filed updated evidence in support of the quoted interrogatory response, and revised its proposed smart meter funding adder to \$2.14 per month per metered customer, assuming an effective date of March 1, 2011 and a recovery period to March 31, 2012. In making this revised proposal, Horizon noted that it had made the following revisions:

- An effective date of March 1, 2011 and a recovery period of 13 months to March 31, 2012;
- Reflection of funding adder revenues collected from December 1, 2010 to February 28, 2011, estimated at \$370,000 per month based on the existing approved Smart Meter Funding Adder of \$1.56 per month per metered customer;
- Inclusion of forecasted OM&A expenses of \$428,500 for the period from January 1 to March 31, 2012. While the capital-related costs for the same period are not included, this is a time-matching of the OM&A expenses to the period over which recovery is proposed;
- Updating the denominator of metered customers on which the Smart Meter Funding Adder is proposed, from 233,707 to 234,555 corresponding to the number of metered customers as of December 31, 2010;
- \$833,165 of capital assets added to Account 1555 in fiscal 2010 as part of a review and reclassification, as documented in the response to Board staff IR # 2;
- Correction of the aggregate Federal and Provincial tax rate from 31.00% to 28.25% and elimination of the Ontario Capital Tax for 2011; and
- Revision of the Cost of Capital parameters to correspond with those approved in Horizon's most recent cost of service application, for 2008 distribution rates (EB-2009-0697).

The purpose of this document is to provide the Board with the submissions of Board staff based on its review of the evidence submitted by Horizon in the Application and in responses to interrogatories by Board staff and the revised evidence filed on January 28, 2011.

SMART METER FUNDING ADDER

Horizon filed its original Application to increase the Smart Meter Funding Adder from \$1.56 per month to \$2.45 per month applicable to all metered customers, and effective December 1, 2010. Horizon states that the Application complies with *Guideline G-2008-0002: Smart Meter Funding and Cost Recovery* (the “Guideline”), issued October 22, 2008. While Horizon has largely completed deployment of its smart meters, it is not seeking final disposition of incurred costs for installed smart meters at this time.

An application for a change to a smart meter funding adder does not entail a comprehensive prudence review. Nonetheless, in Board staff’s submission, some level of scrutiny of a proposed funding adder and the costs from which it is derived is warranted.

While the Smart Meter Funding Adder was originally intended to help utilities initiate smart meter deployment once authorized by regulation, the role of the Smart Meter Funding Adder has evolved. During the period of smart meter implementation, increased funding adders have been allowed. This allows at least partial recovery of costs and mitigates rate volatility in the future. To date, the Smart Meter Funding Adder has been modest for most distributors, either \$1 per metered customer per month or some slightly higher distributor-specific number derived by using the smart meter model. The possibility that the Smart Meter Funding Adder might over-recover the incremental revenue requirement for installed smart meters has been low.

However, Board staff submits that as distributors complete deployment, applications are being made for an increased funding adder that is, for all intents and purposes, a full recovery of the incremental revenue requirement for the installed smart meters, and without a review for prudence. As the Smart Meter Funding Adder increases, the possibility of over-recovery increases, particularly if some costs are subsequently disallowed. Over-recovering costs and then subsequently having to refund amounts to customers introduces rate volatility that should be avoided if possible.

Therefore, in reviewing costs for significantly increased Smart Meter Funding Adders, some further scrutiny is warranted. Board staff has adopted this approach in reviewing Horizon’s Application.

Board staff does not oppose the proposed Smart Meter Funding Adder of \$2.14 per month per metered customer as revised on January 28, 2011, but makes submissions on the following matters:

- Costs Beyond Minimum Functionality;
- Bill Impacts; and
- Effective Date of the Increased Smart Meter Funding Adder.

Costs Beyond Minimum Functionality

Discussion

Installed smart meters and ancillary equipment, and operating expenses associated with these must, at a minimum, satisfy the technical specifications established by regulation by the Government.¹

In the Combined Smart Meter Proceeding conducted by the Board to review the costs incurred to that time for the thirteen utilities named by regulation and authorized to deploy smart meters, the Board adopted a definition of what constituted minimum functionality. For smart meter costs beyond minimum functionality, the utility must receive approval of the Board for the recovery of costs.

In its Decision with Reasons in the Combined Proceeding, the Board also stated:

As indicated, this proceeding relates only to the recovery of smart meter costs associated with minimum functionality. Costs in addition to minimum functionality can be recovered as part of distribution rates in an individual utility's next rate case. Those costs may include web presentment, the Customer Information System integration with the Meter Data Management/Meter Data Repository, consumer education, reengineering business practices and integration with retailers.²

¹ "FUNCTIONAL SPECIFICATION FOR AN ADVANCED METERING INFRASTRUCTURE, VERSION 2, July 5, 2007", and O.Reg. 425/06

² *Decision with Reasons*, EB-2007-0063, August 8, 2007, page 7

In general, costs “beyond minimum functionality” can be categorized into three areas as defined by the Board in its Decision with Reasons in the Combined Smart Meter Proceeding (quoted above):

- a) costs for smart meter deployment or conversion of customers in other than the residential and GS < 50 kW classes;
- b) additional technological functionality (e.g. SCADA-type functions) in installed smart meters and associated communications infrastructure; and
- c) costs beyond minimum functionality related to consumer education, web presentment, re-engineering, etc.

The Guideline states that, where a distributor is requesting a utility-specific Smart Meter Funding Adder, as part of the application they should support their proposal with “a business plan justification for any smart meter or AML costs that are incurred to support functionality that exceeds the minimum functionality adopted in O. Reg. 425/06, and an estimate of those costs.”³

In its Application, Horizon identified certain costs related to three-phase smart meter conversions as being beyond minimum functionality. The following is a summary of various costs from Table 7 in Horizon's Application. Based on the accompanying documentation in the Application, Board staff requested further explanation of operating expenses in the shaded categories as these might be “beyond minimum functionality”.

Table 7
OM&A Expenses - 2010 and 2011 and Beyond

| | 2010 | 2011 and beyond | Total |
|--|---------------------|------------------------|---------------------|
| Labour & Benefits | \$ 610,467 | \$ 621,394 | \$ 1,231,861 |
| IT maintenance Contracts/software | \$ 347,000 | \$ 604,098 | \$ 951,098 |
| Media Communications | \$ 300,000 | \$ 200,000 | \$ 500,000 |
| Outside Services | \$ 156,000 | \$ 110,000 | \$ 266,000 |
| Data Communications | \$ 115,310 | \$ 119,500 | \$ 234,810 |
| Training / Change Management Cost | \$ 8,500 | \$ 20,217 | \$ 28,717 |
| Miscellaneous Administration | \$ 14,360 | \$ 5,100 | \$ 19,460 |
| Total | \$ 1,551,637 | \$ 1,680,309 | \$ 3,231,946 |

In addition, Horizon has included costs related to consumer education, re-engineering, web presentment and Time-of-use (“TOU”) price development. Board staff posed certain interrogatories (Board staff IRs # 7, 8, 9 and 10), seeking further information on

costs that are (or may be) beyond minimum functionality. Board staff IR # 7 relates to costs for smart meter conversions for GS > 50 kW customers, and thus relates to item a) above; the remaining IRs relate to operating expenses that would fall under item c). Horizon has provided responses to all of these interrogatories.

Submission

Three-phase Meters

In its Application, Horizon identified 2010 costs of \$649,200 for three-phase meter conversions for industrial and commercial customers. In response to Board staff IR # 7, Horizon clarified the wording and indicates that about 500 of the 1700 three-phase meter conversions are for GS > 50 kW customers and thus exceed minimum functionality as defined in O.Reg. 425/06. Board staff accepts Horizon's clarification and takes no issue with the inclusion of costs for smart meter conversion for affected GS > 50 kW customers.

Expenses Beyond Minimum Functionality

Subject to staff's comments below, Board staff takes no issue with the inclusion of documented expenses that may be "beyond minimum functionality" for the purposes of calculating an increased Smart Meter Funding Adder. Board staff notes that inclusion of the costs does not constitute final approval; a review for prudence and approval will be dealt with in a subsequent application seeking disposition of the balances of accounts 1555 and 1556. Horizon will be expected to fully document and support all such costs in that application.

Board staff accepts that there are legitimate costs "beyond minimum functionality" that a utility may incur related to smart meter deployment and that are necessary and prudent to operationalize smart meters and to efficiently integrate them with existing distribution assets and operations. O.Reg. 426/06 gives the Board the authority and responsibility to review and approve such charges. The Guideline also establishes requirements for a utility to support such costs such as the filing of a business plan.

Staff notes that Horizon has not filed such a plan. In response to Board staff IR # 9 and 10, Horizon states that it "considers the entire customer education platform of smart

metering materials, information regarding TOU rates and web presentment to be part of a successful smart meter program and therefore within the minimum functionality for early adopters of the smart meter deployment and TOU rates”.⁴ Horizon also stated that “Sheet 2 of the Model (Smart Meter Data) includes items such as business process redesign, customer communication and change management among ‘Other AMI OM&A Costs Related to Minimum Functionality’”.⁵ Horizon notes that similar costs have been allowed for in previous applications that it has made, and it also cites applications made by Hydro Ottawa Limited.

Board staff submits that the fact that the smart meter model allows for inputs of such costs is not sufficient justification. The model must be generic and flexible enough to accommodate normal situations, which would include allowance for inclusion of “beyond minimum functionality” costs. This flexibility in the model does not obviate the need for the utility to satisfy the Guideline requirements and to provide adequate support for any such costs. As Board staff has noted in the introduction, even for an increased Smart Meter Funding Adder, some level of review is justified, particularly as the level of the funding adder increases, both to protect ratepayers with respect to the prices paid and to avoid rate volatility from over-collection that would subsequently have to be refunded.

Board staff also submits that there is some confusion in the industry as to what constitutes smart meter costs, and whether all costs related to TOU rate implementation are valid smart meter costs. This was not addressed in early proceedings, such as the Combined Smart Meter Proceeding EB-2007-0063, which focused solely on costs to deploy smart meters. Costs related to MDM/R, TOU rates and bill presentment to customers were not known at that time. Even in recent applications by other distributors, whether such costs are related to Smart Meters, to other activities, or covered under core business activities whose costs are currently recovered in distribution rates is not always clear. In implementing new Customer Information System (“CIS”) and billing systems, or maintaining current systems, some utilities may have funded TOU rate implementation separate from smart meters. It is not clear whether this would also apply to Horizon.

Board staff is not opposing the costs claimed by Horizon in the determination of the proposed Smart Meter Funding Adder in this application. In Board staff’s view, these

4 Response to Board staff IR # 9 a)

5 Response to Board staff IR #10 a)

areas are best addressed in a subsequent application seeking disposition and prudence review of smart meter costs.

Bill Impacts

Discussion

Originally, Horizon proposed to increase the Smart Meter Funding Adder from \$1.56 to \$2.45 per month per metered customer, an increase of \$0.89. It would, in itself, represent a 2.8% impact on the delivery line and 0.9% increase on the total bill for a typical residential customer consuming 800 kWh per month. Similarly, a typical General Service < 50 kW customer consuming 2,000 kWh per month would see a delivery line impact of 1.5% and a total bill impact of 0.4%.

Submission

Board staff acknowledges that the Board considers each application on the record in each case. That being said, to assist the Board and to indicate the magnitude of bill impacts that could arise if both this Application, as revised on January 28, 2011, and the changes in distribution and delivery rates proposed by Horizon in its 2011 Cost of Service application are approved as filed, Board staff submits the following table, derived from Tables 7a and 7b of the Revenue Requirement Work Form in Horizon's 2011 Cost of Service application; the detailed derivations are shown in the Appendices to this submission. Board staff submits that this may be useful information in assessing the nature of rate and bill impacts that Horizon's ratepayers may face in a short span of time based on this Application and Horizon's 2011 cost of service application.

Table 1 summarizing Delivery and Bill Impacts Assuming Smart Meter Funding Adder of \$2.14 and 2011 Distribution Rates Approved as Applied for in EB-2010-0292 and EB-2010-0131 Applications

| | Current Approved Rates | Proposed Rates | \$ Impact | % Change |
|---------------------------------------|-----------------------------------|-----------------------|------------------|-----------------|
| Residential, 800 kWh/month | | | | |
| Delivery Line | \$31.56 | \$35.88 | \$4.32 | 13.7% |
| Total Bill | \$106.93 | \$111.36 | \$4.43 | 4.1% |
| GS < 50 kW, 2,000 kWh/month | | | | |
| Delivery Line | \$58.63 | \$69.48 | \$10.85 | 18.5% |
| Total Bill | \$252.46 | \$263.59 | \$11.13 | 4.4% |

Note: Ontario Clean Energy Benefit not applied.

These impacts are illustrative, and may change based on revised evidence and the Board's determinations on this Application and in Horizon's 2011 Cost of Service application. As one example, updated Cost of Capital parameters are not reflected in distribution rates in Horizon's 2011 Cost of Service application. The bill impacts shown above also do not reflect the application of the Ontario Clean Energy Benefit.

Effective Date for the Increased Smart Meter Funding Adder

Discussion

In its Application, Horizon sought an effective date for the increased Smart Meter Funding Adder of December 1, 2010. However, the Application was filed on September 27, 2010, two months in advance of the proposed effective date. Given the need for Notice of the proposed rate change and the routine stages for discovery and submissions, this was clearly insufficient time for the Board to process the Application. How this Application would proceed was also conditional on the Board's determination of how to proceed with Horizon's 2011 Cost of Service application. Procedural Order No. 1 for this Application was issued on December 8, 2010, while the Decision on the Preliminary Issue of Early Rebasing and Procedural Order No. 5 was issued on December 15, 2010.

In its responses to interrogatories and its updated evidence filed on January 28, 2011, Horizon has proposed an effective date of March 1, 2011, and a recovery period to March 31, 2011.

Submission

Since the Application is seeking an increased Smart Meter Funding Adder, and not a prudence review and final disposition of smart meter costs, Board staff submits that there is no significance to the originally proposed effective date of December 1, 2010. Horizon is still charging and collecting from its metered ratepayers the current approved Smart Meter Funding Adder of \$1.56 per month. The revenues collected will be used as an offset to smart meter costs, upon disposition and approval for necessity and prudence, and the utility will be “held whole” with respect to the deferred revenue requirement offset by collected funding adder revenues.

Therefore, Board staff submits that, if approved, the increased Smart Meter Funding Adder should come into effect at a date subsequent to the Board’s Decision in this Application. With the record closing in February, 2011, this would presumably be no earlier than March 1, 2011. Board staff therefore takes no issue with Horizon’s revised proposal.

Board staff submits that there is no need for a temporary rate rider to recover amounts back to December 1, 2010, as Horizon will be held whole in the long run.

Finally, Board staff notes that the proposed Smart Meter Funding Adder would be approved on an interim basis, pending the Board’s decision with respect to Horizon’s 2011 cost of service application. In the proceeding considering that cost of service application, the Board, in its Decision on the Preliminary Issue of Early Rebasing and Procedural Order No. 4, issued December 17, 2010, declared Horizon’s current approved Tariff of Rates and Charges interim effective January 1, 2011.

All of which is respectfully submitted.

Appendix Detailed Bill Impact Calculations

A. Residential, 800 kWh per Month, assuming rate changes proposed in EB-2010-0131 and EB-2010-0292 for a \$2.14 Smart Meter Funding Adder.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Horizon Utilities Corporation
File Number: EB-2010-0131
Rate Year: 2011

Residential

Consumption **800** kWh

| | Charge Unit | Current Board-Approved | | | Proposed | | | Impact | |
|---|-------------|------------------------|--------|-------------|--------------|--------|-------------|-----------|----------|
| | | Rate (\$) | Volume | Charge (\$) | Rate (\$) | Volume | Charge (\$) | \$ Change | % Change |
| 1 Monthly Service Charge | monthly | \$ 12.6800 | 1 | \$ 12.68 | \$ 14.7100 | 1 | \$ 14.71 | \$ 2.03 | 16.01% |
| 2 Smart Meter Rate Adder | monthly | \$ 1.5600 | 1 | \$ 1.56 | \$ 2.1400 | 1 | \$ 2.14 | \$ 0.58 | 37.18% |
| 3 Service Charge Rate Adder(s) | | | 1 | \$ - | | 1 | \$ - | \$ - | |
| 4 Service Charge Rate Rider(s) | | | 1 | \$ - | | 1 | \$ - | \$ - | |
| 5 Distribution Volumetric Rate | per kWh | \$ 0.0127 | 800 | \$ 10.16 | \$ 0.0145 | 800 | \$ 11.60 | \$ 1.44 | 14.17% |
| 6 Low Voltage Rate Adder | per kWh | | 800 | \$ - | \$ 0.0000500 | 800 | \$ 0.04 | \$ 0.04 | |
| 7 Volumetric Rate Adder(s) | | | 800 | \$ - | | 800 | \$ - | \$ - | |
| 8 Volumetric Rate Rider(s) | | | 800 | \$ - | | 800 | \$ - | \$ - | |
| 9 Smart Meter Disposition Rider | | | 800 | \$ - | | 800 | \$ - | \$ - | |
| 10 LRAM & SSM Rate Rider | per kWh | \$ 0.0002 | 800 | \$ 0.16 | | 800 | \$ - | \$ -0.16 | -100.00% |
| 11 Deferral/Variance Account Disposition Rate Rider | | | 800 | \$ - | | 800 | \$ - | \$ - | |
| 12 to April 30, 2011 | per kWh | -\$ 0.0003 | 800 | -\$ 0.24 | | | \$ - | \$ 0.24 | -100.00% |
| 13 to April 30, 2012 | per kWh | -\$ 0.0020 | 800 | -\$ 1.60 | -\$ 0.0020 | 800 | -\$ 1.60 | \$ - | 0.00% |
| 14 | | | | \$ - | | | \$ - | \$ - | |
| 15 Rate Rider for Tax Changes | per kWh | -\$ 0.0002 | 800 | -\$ 0.16 | \$ - | | \$ - | \$ 0.16 | -100.00% |
| 16 Sub-Total A - Distribution | | | | \$ 22.56 | | | \$ 26.89 | \$ 4.33 | 19.19% |
| 17 RTSR - Network | per kWh | \$ 0.0059 | 833.68 | \$ 4.92 | \$ 0.0059 | 832.56 | \$ 4.91 | -\$ 0.01 | -0.13% |
| 18 RTSR - Line and Transformation Connection | per kWh | \$ 0.0049 | 833.68 | \$ 4.09 | \$ 0.0049 | 832.56 | \$ 4.08 | -\$ 0.01 | -0.13% |
| 19 Sub-Total B - Delivery (including Sub-Total A) | | | | \$ 31.56 | | | \$ 35.88 | \$ 4.32 | 13.68% |
| 20 Wholesale Market Service Charge (WMSC) | per kWh | \$ 0.0052 | 833.68 | \$ 4.34 | \$ 0.0052 | 832.56 | \$ 4.33 | -\$ 0.01 | -0.13% |
| 21 Rural and Remote Rate Protection (RRRP) | per kWh | \$ 0.0013 | 833.68 | \$ 1.08 | \$ 0.0013 | 832.56 | \$ 1.08 | -\$ 0.00 | -0.13% |
| 22 Special Purpose Charge | per kWh | \$ 0.0003725 | 833.68 | \$ 0.31 | \$ - | 832.56 | \$ - | \$ 0.31 | -100.00% |
| 23 Standard Supply Service Charge | monthly | \$ 0.2500 | 1 | \$ 0.25 | \$ 0.2500 | 1 | \$ 0.25 | \$ - | 0.00% |
| 24 Debt Retirement Charge (DRC) | per kWh | \$ 0.0007 | 800 | \$ 0.56 | \$ 0.0007 | 800 | \$ 0.56 | \$ - | 0.00% |
| 25 Energy | | | 833.68 | \$ - | | 832.56 | \$ - | \$ - | |
| 26 first 600 | per kWh | \$ 0.0650 | 600 | \$ 39.00 | \$ 0.0650 | 600 | \$ 39.00 | \$ - | 0.00% |
| 27 over 600 | per kWh | \$ 0.0750 | 233.68 | \$ 17.53 | \$ 0.0750 | 232.56 | \$ 17.44 | -\$ 0.08 | -0.48% |
| 28 Total Bill (before Taxes) | | | | \$ 94.63 | | | \$ 98.55 | \$ 3.92 | 4.14% |
| 29 HST | | 13% | | \$ 12.30 | 13% | | \$ 12.81 | \$ 0.51 | 4.14% |
| 30 Total Bill (including Sub-total B) | | | | \$ 106.93 | | | \$ 111.36 | \$ 4.43 | 4.14% |
| 31 Loss Factor (%) | Note 1 | 4.21% | | | 4.07% | | | | |

Notes:

Note 1: Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.

B. General Service < 50 kW, 2,000 kWh per Month, assuming rate changes proposed in EB-2010-0131 and EB-2010-0292 for a \$2.14 Smart Meter Funding Adder.



REVENUE REQUIREMENT WORK FORM

Version: 2.11

Name of LDC: Horizon Utilities Corporation

File Number: EB-2010-0131

Rate Year: 2011

General Service < 50 kW

Consumption kWh

| | Charge Unit | Current Board-Approved | | | Proposed | | | Impact | |
|---|-------------|------------------------|--------|-------------|--------------|--------|-------------|-----------|----------|
| | | Rate (\$) | Volume | Charge (\$) | Rate (\$) | Volume | Charge (\$) | \$ Change | % Change |
| 1 Monthly Service Charge | monthly | \$ 27.4500 | 1 | \$ 27.45 | \$ 33.8700 | 1 | \$ 33.87 | \$ 6.42 | 23.39% |
| 2 Smart Meter Rate Adder | monthly | \$ 1.5600 | 1 | \$ 1.56 | \$ 2.1400 | 1 | \$ 2.14 | \$ 0.58 | 37.18% |
| 3 Service Charge Rate Adder(s) | | | 1 | \$ - | | 1 | \$ - | \$ - | |
| 4 Service Charge Rate Rider(s) | | | 1 | \$ - | | 1 | \$ - | \$ - | |
| 5 Distribution Volumetric Rate | per kWh | \$ 0.0073 | 2000 | \$ 14.60 | \$ 0.0089 | 2000 | \$ 17.80 | \$ 3.20 | 21.92% |
| 6 Low Voltage Rate Adder | per kWh | | 2000 | \$ - | \$ 0.0000400 | 2000 | \$ 0.08 | \$ 0.08 | |
| 7 Volumetric Rate Adder(s) | | | 2000 | \$ - | | 2000 | \$ - | \$ - | |
| 8 Volumetric Rate Rider(s) | | | 2000 | \$ - | | 2000 | \$ - | \$ - | |
| 9 Smart Meter Disposition Rider | | | 2000 | \$ - | | 2000 | \$ - | \$ - | |
| 10 LRAM & SSM Rider | | | 2000 | \$ - | | 2000 | \$ - | \$ - | |
| 11 Deferral/Variance Account Disposition Rate Rider | | | 2000 | \$ - | | 2000 | \$ - | \$ - | |
| 12 to April 30, 2011 | per kWh | -\$ 0.0005 | 2000 | -\$ 1.00 | | 2000 | \$ - | \$ 1.00 | -100.00% |
| 13 to April 30, 2012 | per kWh | -\$ 0.0020 | 2000 | -\$ 4.00 | -\$ 0.0020 | 2000 | -\$ 4.00 | \$ - | 0.00% |
| 14 new rider | | | 2000 | \$ - | -\$ 0.0003 | 2000 | -\$ 0.60 | \$ -0.60 | |
| 15 Rate rider for Tax Changes | per kWh | -\$ 0.0001 | 2000 | -\$ 0.20 | | 2000 | \$ - | \$ 0.20 | -100.00% |
| 16 Sub-Total A - Distribution | | | | \$ 38.41 | | | \$ 49.29 | \$ 10.88 | 28.33% |
| 17 RTSR - Network | per kWh | \$ 0.0052 | 2084.2 | \$ 10.84 | \$ 0.0052 | 2081.4 | \$ 10.82 | -\$ 0.01 | -0.13% |
| 18 RTSR - Line and Transformation Connection | per kWh | \$ 0.0045 | 2084.2 | \$ 9.38 | \$ 0.0045 | 2081.4 | \$ 9.37 | -\$ 0.01 | -0.13% |
| 19 Sub-Total B - Delivery (including Sub-Total A) | | | | \$ 58.63 | | | \$ 69.48 | \$ 10.85 | 18.51% |
| 20 Wholesale Market Service Charge (WMSC) | per kWh | \$ 0.0052 | 2084.2 | \$ 10.84 | \$ 0.0052 | 2081.4 | \$ 10.82 | -\$ 0.01 | -0.13% |
| 21 Rural and Remote Rate Protection (RRRP) | per kWh | \$ 0.0013 | 2084.2 | \$ 2.71 | \$ 0.0013 | 2081.4 | \$ 2.71 | \$ 0.00 | -0.13% |
| 22 Special Purpose Charge | per kWh | \$ 0.0003725 | 2084.2 | \$ 0.78 | \$ - | 2081.4 | \$ - | -\$ 0.78 | -100.00% |
| 23 Standard Supply Service Charge | monthly | \$ 0.2500 | 1 | \$ 0.25 | \$ 0.2500 | 1 | \$ 0.25 | \$ - | 0.00% |
| 24 Debt Retirement Charge (DRC) | per kWh | \$ 0.0007 | 2000 | \$ 1.40 | \$ 0.0007 | 2000 | \$ 1.40 | \$ - | 0.00% |
| 25 Energy | | | 2084.2 | \$ - | | 2081.4 | \$ - | \$ - | |
| 26 First 750 | per kWh | \$ 0.0650 | 750 | \$ 48.75 | \$ 0.0650 | 750 | \$ 48.75 | \$ - | 0.00% |
| 27 Over 750 | per kWh | \$ 0.0750 | 1334.2 | \$ 100.07 | \$ 0.0750 | 1331.4 | \$ 99.86 | -\$ 0.21 | -0.21% |
| 28 Total Bill (before Taxes) | | | | \$ 223.42 | | | \$ 233.26 | \$ 9.85 | 4.41% |
| 29 HST | | 13% | | \$ 29.04 | 13% | | \$ 30.32 | \$ 1.28 | 4.41% |
| 30 Total Bill (including Sub-total B) | | | | \$ 252.46 | | | \$ 263.59 | \$ 11.13 | 4.41% |
| 31 Loss Factor | Note 1 | | 4.21% | | | 4.07% | | | |

Notes:

Note 1: See Note 1 from Sheet 1A. Bill Impacts - Residential