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Susan Frank

Vice President and Chief Regulatory Officer
Regulatory Affairs



BY COURIER

March 9, 2009

Ms. Kirsten Walli
Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
P.O. Box 2319
Toronto, ON.
M4P 1E4

Dear Ms. Walli:

EB-2008-0187 – Hydro One Networks' 3GIRM 2009 Distribution Rate Application – Responses to Interrogatory Questions

I have attached three (3) copies of Hydro One Networks' responses to Interrogatory questions. I have also provided an index page to show the original intervenor question numbers and the equivalent tab and schedule numbers.

An electronic copy of Hydro One Networks' responses to Interrogatory questions has been filed using the Board's Regulatory Electronic Submission System (RESS) and the proof of successful submission slip is attached.

Hydro One Networks will post electronic copies of the interrogatory responses on the Hydro One Networks' website for public access. In addition, one copy is being provided for public access at each of the following Hydro One Networks' offices –

Hydro One Networks Head Office, 8th Floor, South Tower, 483 Bay Street, Toronto, Ontario

Hydro One Networks Barrie Field Business Centre, 45 Sarjeant Drive, Barrie, Ontario

Hydro One Networks Peterborough Field Business Centre, 913 Crawford Drive, Peterborough, Ontario

Hydro One Networks Sudbury Field Business Centre, 957 Falconbridge Road, Sudbury, Ontario

Hydro One Networks Merivale Service Centre, 31 Woodfield Drive, Ottawa, Ontario

Hydro One Networks Dundas Field Business Centre, 40 Olympic Drive, Dundas, Ontario

Hydro One Networks Beachville Field Business Centre, 56 Embro Street, Beachville, Ontario

Hydro One Networks Thunder Bay Field Business Centre, 255 Burwood Road, Thunder Bay,
Ontario

Copies of the Interrogatories will be provided to Intervenor within the next few business days.

Sincerely,

ORIGINAL SIGNED BY SUSAN FRANK

Susan Frank

Attach.

c. EB-2008-0187 Intervenor

Interrogatory Index					
Intervenor Name	Question List	Question Number	Equivalent Tab and Schedule Number - All responses are Exhibit I		
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CME	1	5	Tab	7	Schedule 5
CME	1	6	Tab	7	Schedule 6

Interrogatory Index						
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Pollution Probe	1	7	Tab	9	Schedule	7

Ontario Energy Board (Board Staff) INTERROGATORY #1 List 1

Interrogatory

Updated Application

1. Ref: Cover Letter

In the cover letter dated January 30, 2009, Hydro One Networks Inc. ("Hydro One") states that "these updates do not materially change the distribution rate proposal contained in the EB-2008-0187 application submitted by Hydro One on November 7, 2008 and outlined in the Notice of Application issued by the Board on December 10, 2008."

a) Consistent with the methodology used to calculate the range of impacts shown in the Notice of Application, please provide a revised range of impacts on the delivery portion of the bill (\$ and %) that would arise directly from the revised application dated January 30, 2009, if approved as filed, for:

i) A residential customer consuming 1,000 kWh per month, and

ii) A small general service customer consuming 2,000 kWh per month and having a monthly demand of 50kW or lower.

b) Please also provide a) based on total bill impacts.

Response

a)

i) The impacts on the Delivery portion of the bill for a Residential customer consuming 1,000 kWh per month resulting from the revised application ranges from 4.8% or \$2.60 to 5.8% or \$2.72

ii) The impacts on the Delivery portion of the bill for a small General Service customer consuming 2,000 kWh per month resulting from the revised application ranges from 4.2% or \$2.93 to 5.6% or \$4.75

b)

i) The impacts on the Total bill for a Residential customer consuming 1,000 kWh per month resulting from the revised application as well as changes to RRRP and loss factor ranges from 2.2% or \$2.92 to 2.8% or \$3.54

Filed: March 9, 2009

EB-2008-0187

Exhibit I

Tab 1

Schedule 1

Page 2 of 2

- 1 ii) The impacts on the Total bill for a small General Service customer consuming
- 2 2,000 kWh per month resulting from the revised application as well as
- 3 changes to RRRP ranges from 1.5% or \$3.59 to 2.2% or \$5.41.

Ontario Energy Board (Board Staff) INTERROGATORY #2 List 1

Interrogatory

Incremental Capital Investment Request

2. Ref: Exhibit B1/Tab 3/Schedule 1/Pages 1 and 2

As summarized in Table 1, Hydro One is requesting that \$174 million of its \$461 million planned capital additions in 2009 be approved as incremental capital investment, as contemplated in the *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors* dated September 17, 2008 (the "Supplemental Report"). This amount is the difference between the \$461 million in planned 2009 capital expenditures and the incremental capital threshold calculated on Sheet G2.1 of the 2009 3rd Gen. IRM Supplementary Filing Module (the "Sup. Module").

- a) Please confirm whether Hydro One considers the incremental capital threshold, as calculated on Sheet G2.1 of the Sup. Module, to be the appropriate demarcation between incremental and non-incremental capital, and not solely a "tool" to determine whether or not Hydro One is eligible to make an incremental capital application. If confirmed, please explain why this would be the case.
- b) On page 2, Hydro One states that "the requested revenue requirement (comprised of incremental return on rate base, depreciation and PILs associated with the incremental capital expenditures) is directly associated with the capital spending and is clearly outside of the base upon which current rates were derived. Further, these costs will not be funded by the expansion of service to include new customers or load growth."
 - i) If Hydro One confirmed the view outlined in a), please explain how Hydro One reached the conclusion it did on page 2 and provide any analysis Hydro One prepared to support that statement.
 - ii) Please explain why the entire revenue requirement associated with the requested \$174 million in incremental capital is "clearly outside of the base upon which current rates were derived" given that the planned 2009 capital additions are only \$59 million above the 2008 re-basing year amount approved in EB-2007-0681.
 - iii) On page 3 of Exhibit B1/Tab 3/Schedule 2, Hydro One indicates that "Development capital expenditures consist of investments required to serve new customers and meet increased demand of existing customers." Please explain why none of the incremental capital investments requested will "be funded by the expansion of service to include new customers or load growth" when the development capital, totalizing \$171 million in 2009, is comprised

of capital expenditures supporting the service of new customers and load growth.

- c) Please indicate the amount of planned 2009 capital investments that is expected to qualify under the capital cost allowance (“CCA”) Class 50 and be eligible for the accelerated CCA rate announced in the January 27, 2009, federal budget. Please also indicate what the expected total tax savings will be.
- d) Please provide an indication whether expenditure levels could result in a further incremental capital request application before the end of the incentive regulation term.
- e) Please indicate when Hydro One plans on filing its next Cost of Service application.
- f) Please provide Hydro One’s capital expenditure plan for 2010.
- g) Please provide Hydro One’s capitalization policy. This should include a description of the direct overhead and indirect overhead capitalized. Please provide a five-year history of the percentage of overhead capitalized in capital expenditure projects and the reasons for the choices made.

Response

- a) Hydro One does not agree that the incremental capital threshold as calculated in Sheet G2.1 of the Sup. Module is the appropriate demarcation between incremental and non-incremental capital. Instead, Hydro One considers the incremental capital threshold to be the demarcation between capital facilities that are in base year (approved) rate base and the incremental capital facilities that will be placed in-service that are not covered by current rates.

Hydro One has understood throughout the evolution of the 3rd Generation IRM model process that the activation of the capital module was designed to take care of a funding gap which arises when a utility’s rate base changes at a faster rate than its depreciation expense. In other words the increase in depreciation expense as envisaged under a Price Cap Index adjustment is inadequate to fund the incremental capital additions that come into service in a rate year. Consequently if under those circumstances there was no capital module, a utility would forego the ability to recover costs associated with capital facilities that would be going into service in the rate adjustment year and this creates a funding gap. On the other hand if rate base changes are in step with depreciation expense changes then there is no need for a capital adjustment module.

The 2008 approved rate base and the associated 2008 approved depreciation amounts from EB-2007-0681 are used as inputs along with the Price Cap Index, Growth and Dead Band value to determine the Threshold Test value and the Threshold Capex amount as shown in Exhibit B2, Tab 1, Schedule 2, Appendix D, page 6 (“G2.1 Threshold Test”).

$$\text{Threshold Test} \quad L = 1 + (J / K) * (B + A * (1 + B)) + C$$

Where:

A = Price Cap Index

B = Growth

C = Dead Band

J = Rate Base (2008 Approved)

K = Depreciation (2008 Approved)

L = Threshold Test

M = Threshold CAPEX

The following table illustrates the contribution of the individual variables to the Threshold CAPEX amount calculated from the model:

Item	\$(M)	% of Threshold
2008 Depreciation	187.5	65
Price Cap Index	41.8	15
Growth	20.4	7
Dead Band	37.5	13
Threshold CAPEX	287.1	100

From the above table, it can be seen that the balance of the \$460 million capital expenditure of \$210.5M (\$460 – (187.5+41.8+20.4)) has not been recovered through the model. There is no other mechanism in IRM to recover this capital shortfall except through the application for the Incremental Capital Module. At that, using the model Hydro One can only request \$173M out of the \$210.5M because the model also necessitates the application of a 20% dead band (\$38M). Therefore, due to the impact of the Dead Band value, Hydro One is foregoing recovery on \$38M of capital expenditures even with the application of the Incremental Capital module.

1 Even though the rate base is established for the base year, the fact remains that the
2 rate base will change in the rate setting year when capital projects are completed and
3 placed in service at a level greater than depreciation. Hydro One, the Coalition of
4 Large Distributors and its consultant Ms. Julia Frayer of London Economics Inc. felt
5 that change in rate base was the crux of the matter and advocated for the capital
6 adjustment threshold to be established on the basis of changes to rate base rather than
7 in relation to an absolute value of depreciation¹.

8
9 b)

10 i) Hydro One's response to part a) of this IR provides the supporting rationale
11 for the basis of the submission made in its pre-filed evidence in support of
12 triggering the capital adjustment module for capital related spending in 2009.

13
14 ii) Consistent with its response to part a) of this IR, Hydro One maintains that in
15 calculating the threshold for triggering the capital adjustment model one has
16 to take into account the total capital expenditure in the year of adjustment and
17 not just the incremental change in capital expenses year-over-year. The fact
18 remains that even if the capital expenditure in the rate year was sustained at
19 the same level as in the approved base year (i.e. there was zero incremental
20 change in capital expenditure), the capital expenditure requirement reflects
21 activities in the rate year and projects that will be going into service in the rate
22 year. Consequently there will still be changes in the rate base as a result of
23 projects going into service in 2009 which will require increase in revenue
24 requirement above base year. To consider only the incremental capital
25 expenditure increase would ignore all of the rate base additions in the rate
26 year.

27
28 iii) The formula to determine the trigger level for utility's capital adjustment
29 module includes a term that factors in growth. Therefore the resultant trigger
30 level in respect of a given capital expenditure that is related to base year
31 depreciation expense automatically accounts for growth. Consequently if a
32 utility's trigger level is above the threshold this implies that growth will not be
33 sufficient to provide recovery of capital related costs for capital expenditures
34 above the threshold.

35
36 c) The planned 2009 capital investment that is expected to qualify under CCA Class 50
37 is \$500,000. The 2009 CCA calculation amount included in this filing does not
38 include the accelerated CCA rate announced in the January 27th, 2009 federal budget.
39 The CCA Class 50 amount used in the 2009 calculations is \$137,500 (tax benefit of
40 \$45,375). Using the accelerated CCA rate announced in the federal budget the
41 incremental tax savings would be \$119,625 (\$165,000 - \$45,375).
42

¹ EB-2007-0673; Transcript of Stakeholder Consultation on August 7, 2008, pages 10-19

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2 rate base will change in the rate setting year when capital projects are completed and
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¹ EB-2007-0673; Transcript of Stakeholder Consultation on August 7, 2008, pages 10-19

- 1 d) Hydro One anticipates that its capital expenditure levels in the remaining years of the
2 3GIRM plan would require it to trigger the capital adjustment module
3
4 e) Hydro One is filing a Cost of Service Application for the 2010 and 2011 test years in
5 the third quarter of this year. This submission is described in a letter dated February
6 11, 2009 from Susan Frank, VP and Chief Regulatory Officer of Hydro One
7 Networks to Kirsten Walli, Secretary, Ontario Energy Board and in a letter dated
8 March 5, 2009 from the Board selecting Hydro One for Rate rebasing in 2010
9 (EB-2009-0028).
10
11 f) Please see response to part e) of this interrogatory response.
12
13 g) Hydro One's capitalization accounting policy dated October 2000 is attached as
14 Attachment 1. This policy was reviewed and approved as part of EB-2007-0681,
15 Exhibit H, Tab 1, Schedule 7, Attachment A.
16

17 The following table shows the overhead capitalization rate for 2004 to 2008.
18

19 Table 1

20 Overhead Capitalization Rate (%)

2004	2005	2006	2007	2008
17.0	16.0	17.0	10.5	8.7

21
22 The 2006 to 2008 capitalization rate is based upon the OEB accepted Black and
23 Veatch (formerly "RJ Rudden Associates") methodology, the details of which were
24 filed in EB-2008-0272, Exhibit C1, Schedule 5, Tab 2.
25

Filed: March 9, 2009
EB-2008-0187
Exhibit I-1-2
Attachment 1

1
2
3
4

**HYDRO ONE'S CAPITALIZATION ACCOUNTING POLICY
DATED OCTOBER 31, 2000**

Title	CLASSIFICATION OF EXPENDITURES October 31, 2000
Policy Statement	Hydro One shall classify its expenditures between capital and OM&A expense so as to allocate costs to specific accounting periods in a manner that appropriately matches those costs with related future economic benefits. Accordingly, expenditures that are material in amount and which meet the definition of an asset shall be capitalized.
Scope	This policy applies to all operations and subsidiaries of Hydro One Inc., whether regulated or unregulated.
Corporate Requirements	<p>GENERAL REQUIREMENTS:</p> <ul style="list-style-type: none"> Expenditures incurred for the following general purposes shall be capitalized, where above established materiality limits: <ul style="list-style-type: none"> a) purchase, construction and commissioning of specific assets that will provide future economic benefits; b) design and development of specific assets that will provide future economic benefits; c) additions to specific assets; and d) betterments that result in improvement of capacity, efficiency, useful life span, or economy of specific assets. <p>Current materiality limits are provided in Appendix A.</p> <p>Exception Materiality limits shall not apply to plant retirement units.</p> <ul style="list-style-type: none"> Direct expenditures qualifying for capitalization include direct labour, direct materials and supplies, transportation costs, directly attributable external costs and fees, permits, and injuries and damages incurred in construction work (net of insurance recoveries). <p>Indirect expenditures qualifying for capitalization include financing costs (i.e. for unregulated subsidiaries – (1) interest costs and for regulated subsidiaries - the regulator's allowance for funds used during construction), (2) attributable shared service costs (e.g. general engineering, administrative salaries and expenses, insurance and taxes), and (3) attributable depreciation of capital tools and transport and work equipment used in the capital project.</p> <ul style="list-style-type: none"> Direct and indirect decommissioning, fixed asset removal and site restoration costs shall be charged to current operations (i.e. depreciation expense) as incurred unless specific accounting provisions have already been made. If a specific accounting provision has been made, such expenditures are to be charged to that accumulated balance sheet provision. In unusual cases, generally accepted accounting principles require the deferral and amortization of certain specific costs when future economic benefits can be directly attributed and are reasonably assured. Recognition of such deferred charges requires a high level of accounting judgement and is potentially subject to inconsistent application. As such, deferred charge accounting treatments shall only be used in cases where the business facts are reviewed and approved by Corporate Finance.

- Materials, supplies and capital spares purchased for future usage are not immediately capitalized as in-service assets, nor are they immediately charged to operations. Materials, supplies and spare capital components are treated as inventories of stock for future consumption in Hydro One's operations, maintenance and construction programs. Materiality limits and business facts will determine the final accounting classification of these items as capital or OM&A.

SPECIFIC REQUIREMENTS:

Assets Not Owned by Hydro One

Expenditures on assets not owned by Hydro One but providing future economic benefits shall be capitalized, provided there is assurance that Hydro One has the right to use the asset or that the asset's future economic benefits will continue to be accrue to Hydro One.

Carrying Charges

Carrying charges shall be capitalized as asset acquisition costs as long as a project is undergoing design and construction activities and there is a reasonable expectation of completion and recovery. Carrying charges shall be charged to current operations once a project is either declared in-service or is declared as ready for service.

Carrying charges related to cancelled capital projects and capital facilities with rescheduled in-service dates shall be accounted for in accordance with the Corporate Financial Policy, "Cancelled Capital Projects and Capital Projects with Rescheduled In-service Dates."

Common Facilities

A portion of the cost of common facilities in a multiple-asset facility or asset shall be transferred to fixed assets in service at the same time as each of the associated major assets is declared in service and in proportion to the total output or benefit represented by that asset.

Computer Software Costs

System software expenditures shall be capitalized. Major applications software projects with total acquisition and enhancement expenditures in excess of established materiality limits, and with an expected future useful life exceeding two years, shall be capitalized. All other software expenditures shall be charged to current operations as incurred.

Software acquisition and enhancement costs shall include:

- Software purchase costs (including internal and external customization charges);
- Initial and ongoing payments for licensing agreements to use external software packages where the license period exceeds two years;
- Attributable development costs where software is internally developed; and
- Testing, data purchase and loading costs, commissioning, and documentation.

Software-related expenditures for existing data clean up prior to loading are not capitalized as they represent a repair of existing data. Business process reengineering costs that are directly related to certain computer systems shall be

charged to current operations as incurred, as these reengineering costs are not an integral component of the software.

Major software projects that consist of several related but independent modules should be placed in service as each module meets in-service criteria.

Contributions in Aid of Construction

Fixed assets funded in whole or in part by external parties are capitalized at cost. Contributions in Aid of Construction received from external parties should be recorded in capital accounts as a specific asset contra account (i.e. credit account) offsetting the asset cost in whole or in part.

Land and Land Rights

Capitalized land costs include direct purchase costs including appraisals, fees, commissions surveys, title search and registration, and net clearance costs of unwanted buildings. Costs for first clearing, grading and damage costs related to construction and installation of plant are ultimately capitalized as part of the cost of fixed assets constructed on the land, rather than as an integral cost of the land.

Capitalized land rights include Hydro One's cost of acquiring rights, interests and privileges in land owned by others.

Net profits from sales of timber or other resources located on land or rights of way shall be credited to the cost of the land.

Leases

Capital and operating leases shall be accounted for in conformance with the requirements of section 3065 of the Handbook of the Canadian Institute of Chartered Accountants.

Major Infrequent Repairs

The accounting treatment of unbudgeted infrequent repairs which are material in amount shall be referred to Corporate Finance to determine whether a special regulatory accounting treatment should be sought. All other expenditures for repairs shall be expensed as incurred.

Major Transformation Equipment

The cost of major transformation equipment to be installed at a current construction project shall be transferred to the project capital work order at the time the equipment is delivered to site.

The cost of major transformation equipment for installation at a future construction project shall be transferred to the "Assets Held for Future Use Account" at the time the equipment is delivered to a storage site. While in this account, interest on the equipment will be charged to current operations until the equipment is delivered to a current construction project.

The cost of major transformation equipment purchased as power system operating spares shall be treated as if the equipment is placed in service at the time it is delivered to a storage site.

Mobile Distribution Station Equipment

The costs, including depreciation, rental, connection and disconnection, and moving such mobile distribution equipment, shall be charged to the related capital project in cases where the equipment is used to maintain service to customers during extensive re-arrangements of Hydro One distribution stations. The cost of mobile equipment used for other purposes shall be charged to current operations.

Penalty Payments

Contract penalty payments related to the design and construction of Hydro One fixed assets should be charged to current operations.

Plant Retirement Units (PRU's)

Expenditures for the creation or replacement of a PRU shall be capitalized. Expenditures to replace a component of a PRU or for the physical removal or relocation of a PRU, shall be charged to current operations or, where previously provided for, to the appropriate provision account (e.g. asset removal), as incurred.

Premium Labour Costs

Premium labour costs incurred in performing work during an emergency, whether the base work is of a capital, removal or OM&A nature, shall be charged to operations as incurred.

Project Development Costs

Project development and pre-engineering costs shall be capitalized once a preferred alternative has been selected and approved. All general planning and specific project planning costs incurred prior to the approval of a preferred alternative shall be charged to current operations as incurred.

Research and Development Costs

Research and development expenditures shall be accounted for in accordance with the recommendations of the CICA Handbook Section 3450, "Research and Development Costs." Specific capital project development expenditures shall be accounted for under the "project development costs" provision found elsewhere within this policy.

Temporary Facilities Built to Assist Construction

The cost of building and removing such facilities, including material cost less salvage, shall be capitalized as part of the cost of the related capital construction project.

Temporary Operating Plant

The cost of constructing such temporary operating assets shall be capitalized as operating plant if total cost exceeds established materiality levels and if the estimated service life exceeds two years.

Training Costs

Training costs related to assets that are new to Hydro One's operations or which are

otherwise unconventional in nature, and which can be directly associated with those specific tangible assets, shall be capitalized as an integral cost of those assets. All other training costs, including those associated with capitalized computer software projects, shall be charged to current operations as incurred.

Definitions

Many definitions relevant to this policy are provided in the Canadian Institute of Chartered Accountants' Handbook, in section 1000 (Financial Statement Concepts), section 3060 (Capital Assets), section 3065 (Leases) and section 3450 (Research & Development).

Addition:

An expenditure made to add to an existing capital asset.

Allowance for Funds Used During Construction (AFUDC):

AFUDC represents an allowance for financing costs attributable to the construction or acquisition of a regulated fixed asset. The allowance, which must be approved by the rate regulator, is capitalized as an integral cost of the asset.

Asset:

Economic resources controlled by an enterprise with three essential characteristics: (1) they embody future economic benefits; (2) the enterprise can control access to the benefit, and (3) the transaction giving rise to the future economic benefit has already occurred.

Betterment:

Expenditure made to enhance the service potential of a capital asset over its original specification. This can be accomplished by an increase in service life, increase in output, reduction in operating costs etc.

Capital Asset:

Fixed assets or property, plant & equipment meeting all three of the following criteria: (1) held for the production or supply of goods or services, for rental, for administrative purposes, or for the development, construction, maintenance or repair of other capital assets; (2) acquired, constructed or developed with the intention of being used on a continuing basis, and (3) not intended for resale in the usual course of business.

Carrying Charges:

Carrying charges are recurring costs associated with the possession or ownership of property. They include such costs as interest, utilities, security, insurance, payments in lieu of property taxes, and storage costs.

Commissioning (or Testing):

The need for commissioning or testing work occurs whenever an asset is constructed or extensively modified. Commissioning work includes pre-start checks and inspections, startup of equipment and systems, functional tests, identification and resolution of problems, running parallel systems in the case of major computer software, and bringing the unit up to full capacity with an acceptable operating reliability. The commissioning or

testing period for an asset unit normally starts well prior to the end of construction and continues to the in-service date.

Expenditure:

A cash disbursement, liability incurred or transfers of property for the purpose of obtaining goods or services.

Fixed Asset:

Generally synonymous with “capital asset.”

Future economic benefits:

Future economic benefits are generally evidenced by an increase in net cash inflow. Increased revenues reduced operating costs, or some combination of the two can cause this.

Future Use Asset:

An asset is a future use asset when it is acquired for future use in either a capital or OM&A project. Future use assets are not charged with capitalized interest (or AFUDC for regulated assets), nor are they depreciated or amortized.

In-service Asset:

An asset is declared in-service when ready for commercial use. Generally this point is evidenced by the commencement of the asset’s contribution of net economic benefits to the enterprise. Capitalization of interest (or in the case of regulated enterprises, capitalization of the allowance for funds used during construction) ceases at the in-service date and depreciation or amortization commences.

Major Infrequent Repair:

Occasionally, a significant repair is required to operating plant which does not result in the replacement of a plant retirement unit and does not result in an addition to, or the betterment of, an asset. A repair could be considered unusual if it is non-recurring, has not been budgeted for and is not expected to recur during the service life of the related asset. If the cost of such a repair is large enough to significantly distort net income in the year in which it occurs, it may require special consideration to determine whether an extraordinary regulatory accounting treatment is required.

Maintenance:

The ongoing cost of keeping a capital asset in good operating condition.

Materiality Limit:

For the purposes of classifying expenditures as capital additions or OM&A, Corporate Finance maintains specific quantitative limits to guide decision-making. Expenditures in excess of these preset limits, and which meet subjective criteria to be considered as capital assets, are capitalized. All other expenditures are charged to current operations as incurred.

Penalty Payment:

Any additional payment made to suppliers as a result of canceling or changing the terms of a contract or agreement to purchase which does not result in the acquisition of additional tangible goods, equipment or services of equivalent value. Examples of penalty payments are contract cancellation payments, shop under-absorption charges, loss of profit claims, and interest costs incurred by vendors. Costs arising because of errors in the design and construction process are not considered to be penalty payments. Likewise, storage costs are not considered to be penalty payments – they are treated as carrying charges.

Plant Retirement Unit (PRU):

The smallest unit of capital asset that is recorded in the accounts for the purposes of retirement or replacement.

Preferred Alternative:

The preferred alternative is the point at which pre-engineering or capital project development costs begin to be capitalized. A preferred alternative exists when management with sufficient authority provides expenditure approval for a specific capital project.

Project Development Costs (or 'Pre-engineering Costs'):

Costs incurred during the planning and approval phases of a capital project, prior to detailed design and construction.

Ready for Service Asset:

An asset is ready for service when construction activity has ceased and the asset is capable of providing net economic benefits but is constrained in some manner from making this contribution. Capitalization of interest (or in the case of regulated enterprises, capitalization of the allowance for funds used during construction) ceases when the asset becomes ready for service. Depreciation or amortization does not commence until the asset is actually in-service.

Repair:

The cost of corrective action required to return a capital asset to good operating condition.

Replacement:

The act of replacing one capital asset or PRU with another.

Temporary Operating Plant:

Plant constructed specifically to provide or to maintain service to customers and which will eventually be replaced by permanent facilities. Temporary plant is built to provide immediate relief to the operating system until permanent facilities are warranted or otherwise made available.

Temporary Facility:

A facility built, used, and dismantled during the progress of a Hydro One capital construction project. A temporary facility is required to assist construction or extensive re-arrangements to operating plant. An example is a temporary sub-station.

Appendix A - Materiality Limits for Capital Additions

Transmission stations - \$50,000
Transmission line sections - \$50,000
Communication line sections, stations or systems - \$10,000
Distributing stations or line sections - \$5,000
Administrative or service buildings - \$5,000
Minor fixed assets - \$2,000
Retail system facilities - none established
Administrative application software - \$2 million total project cost

Functional
Responsibility

Hydro One Networks Inc. – Corporate Finance

Ontario Energy Board (Board Staff) INTERROGATORY #3 List 1

Interrogatory

Incremental Capital Investment Request

3. Ref: Exhibit B1/Tab 3/Schedule 2/Page 2

In its Supplemental Report, the Board stated on page 30 and 31 that:

“The distributors, on the other hand, perceive the module as a special feature of the 3rd Generation IR architecture which would enable them to adjust rates on an on-going, as-needed basis to accommodate increases in rate base. In the Board’s view, the distributors’ view is not aligned with the comprehensive price cap form of IR which has been espoused by the Board in its July 14, 2008 Report. The distributors’ concept better fits a ‘targeted OM&A’ or ‘hybrid’ form of IR. This alternative IR form was discussed extensively in earlier consultations but was not adopted by the Board.”

The Board further stated that, “Rather, the capital module is intended to be reserved for unusual circumstances that are not captured as a Z-factor and where the distributor has no other options for meeting its capital requirements within the context of its financial capacities underpinned by existing rates.”

Hydro One states on page 2 that, “The majority of capital expenditures for 2009 are a continuation of the projects and programs included in Hydro One’s 2008 Distribution Rate Application that was previously filed with the Board.”

a) Please explain how the incremental capital request of \$174 million, the majority of which is comprised of “continuation of the projects and programs included in Hydro One’s 2008 Distribution Rate Application,” is consistent with the Board’s statement that “the capital module is intended to be reserved for unusual circumstances.”

b) Please explain whether Hydro One considers its incremental capital request to represent “a ‘targeted OM&A’ or ‘hybrid’ form of IR.” If so, please explain how this is consistent with the Board policy outlined in the Supplemental Report. If not, please explain how Hydro One’s application is consistent with the comprehensive price cap form of incentive regulation (“IR”) that has been espoused by the Board.

c) Please justify Hydro One’s approach to determine its proposed incremental capital investments by updating its entire capital plan submitted in EB-2007-0681, including storm damages, as opposed to determining which projects or part of projects should be considered incremental, as proposed by Oshawa PUC Networks Inc. in EB-2008-0205.

d) Please identify which projects or part of projects among the planned 2009 capital additions are incremental, explaining why this is the case, and demonstrate that they are clearly non-discretionary,

Response

a) As discussed in Hydro One's response to part a) of Exhibit I, Tab 1, Schedule 2, Hydro One views the application of the capital adjustment module as required to address the significant increase in rate base that is not covered by the Price Cap mechanism.

At issue is the fact that Hydro One's rate base is forecast to increase at a faster rate than depreciation expense and this creates a funding gap in 2009. The increase in rate base is due not to "unusual circumstances" but rather due to the sheer volume of normal utility work that the Company is undertaking in response to the need identified in the pre-filed evidence in support of the 2009 capital expenditures.

Perhaps a more appropriate way to view this issue of capital treatment under 3GIRM is to recognize the fact that Hydro One, and possibly other electricity distributors, are operating in an environment where future capital expenditures are trending considerably higher than historical capital expenditures. The 3GIRM Price Cap Index is established on the basis of historical data, using U.S. utilities data, and therefore is not a good proxy of the going forward or forecast capital expenditures during the 3GIRM term. In general annual Price Cap adjustments work best in an environment where rate base growth aligns with growth in load, i.e. a steady-state environment. This is not the case for Hydro One. Therefore it is Hydro One's expectation that Price Cap Index adjustments to its distribution rates will not be adequate to generate the necessary revenue requirement in 2009. Given that basic fact Hydro One is proposing to use the Capital Adjustment Module to support its 2009 rate application to be consistent with the Board rate plan to set rates using formulaic mechanisms during the 3GIRM term.

b) Hydro One continues to maintain the view that the Capital Adjustment Module is an integral component of the 3GIRM, because the price cap index adjustment is not expected to fund all of the costs associated with forecast capital expenditures. In this respect the 3GIRM model could be viewed as a "hybrid" form of IR since it contains a module outside the Price Cap adjustment.

c) The basis for invoking the capital adjustment module for determining the level of Hydro One's 2009 distribution rates is not just a matter of updating the capital plan submitted in EB-2007-0681 by considering which projects are incremental to previous year's capital expenditures. The approved capital expenditures in the 2008

1 proceeding reflect the capital facilities that went into service in 2008 and are now
2 enshrined in the 2008 rate base. The total capital expenditures forecast for the 2009
3 rate year need to be considered as a separate and standalone block of expenditures
4 different from 2008 capital expenditures because these planned expenditures reflect
5 the capital facilities that will go into service in 2009. In other words the capital
6 expenditures in 2009 are over and above the 2008 capital expenditures and not merely
7 incremental to 2008 levels. Therefore, one cannot isolate a few projects which could
8 be viewed as being “incremental” to the 2008 capital plan. It is the total capital
9 expenditures in the rate year that need to be factored in the capital related costs that
10 are incurred and need to be recovered through rates.

11
12 d) Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 2, part a).

Ontario Energy Board (Board Staff) INTERROGATORY #4 List 1

Interrogatory

4. Ref: 2009 3rd Gen. IRM Supplementary Filing Module (the “Sup. Module”)

- a) Please provide the actual 2008 capital additions (or, if unavailable, the 2008 forecast capital additions) as well as additional information requested in column M of Sheet G2.1.
- i) Please explain any difference between the 2008 actual capital additions and the test year amount of \$401 million.
- ii) Please confirm whether any of the capital additions that were planned for 2008 will now be executed in 2009. If confirmed, please state what the total amount is and explain how it was treated for the purpose of deriving the incremental capital investment request.

Response

- a) Column K of Sheet G2.1 (column M was not used) provides the OEB approved capital expenditures of \$401.4M. Our 2008 rate base was derived from this capital additions spend and used in the model. The 2008 actual capital additions of \$435.1 M, please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 1, does not change the 2008 rate base or any other inputs in Column K.
- i) Hydro One placed more capital in-service than was proposed in 2008. This was primarily related to the programs or projects listed in the interrogatory response Exhibit I, Tab 3, Schedule 1.
- ii) See response to part a i) above.

Ontario Energy Board (Board Staff) INTERROGATORY #5 List 1

Interrogatory

5. Ref: Exhibit B1/Tab 3/Schedule 1/Pages 2 and 3

On page 2, Hydro One states that it has “considered the potential resulting impacts on OM&A expenditure levels,” but also states on page 3 that “Hydro One Distribution, however, is not requesting any adjustments to OM&A levels in this submission. Overall impacts on OM&A costs will be addressed in Hydro One Distribution’s next cost of service application.”

On page 1 of Exhibit B1, Tab 3, Schedule 4, Hydro One indicates that the development capital investments consider “system configuration and additions in order to improve reliability.”

On page 1 of Exhibit B1, Tab 3, Schedule 5, Hydro One indicates that “significant benefits can be achieved from the NMS and ORMS systems by enhancing the monitoring and control of the distribution network and improving the management of historical information.” Other savings are highlighted on pages 3 and 4.

In Exhibit B1, Tab 3, Schedule 6, Hydro One describes the expected efficiency gains that will result from the Cornerstone project. On page 7, Hydro One states that “Savings will start to materialize in 2009 when it is anticipated that there will be \$3 million in savings attributable to incorporation of processes and utilization of the built in SAP functionality to support those processes.”

a) Please identify which projects as part of the overall 2009 capital additions are expected to result in savings and what those savings will be over the IR term.

b) Please confirm whether Hydro One considers that the savings of the projects listed in a) will provide funding for these projects.

c) Please confirm that Hydro One has deducted the expected \$3 million in savings resulting from the Cornerstone project in 2009 from the incremental capital investments requested, but has not netted the savings from the other projects identified in a). If confirmed, please explain why.

d) Please explain how Hydro One’s proposal to recover the revenue requirement associated with its requested incremental capital investments at this time, but address “overall impacts on OM&A costs” in Hydro One’s next cost of service application is consistent with the comprehensive price cap form of IR that has been espoused by the Board in its July 14, 2008 *Report of the Board on 3rd Generation Incentive Regulation for Ontario’s Electricity Distributors*.

1 **Response**

2
3 a) Sustainment program projects as well as many Operations and Development projects
4 will result in some reduction in O&M costs in future years. For example demand
5 program costs will be lower than they otherwise would be in future years due to end
6 of life replacements. As Hydro One will submit a full Cost of Service application for
7 2010 and 2011 later this year (see interrogatory response in Exhibit I, Tab 1,
8 Schedule 2, part e), the IR term for Hydro One is limited to 2009 and no material
9 savings are expected within 2009.

10
11 b) Please refer to part d) below. Any project savings generated would be insufficient to
12 provide funding for these capital projects.

13
14 c) Cornerstone savings in capital expenditures have been recognized as an overall
15 reduction to total capital expenditures in 2009 rather than discretely attributed to
16 individual capital projects. This is due to the broad and far reaching efficiency gains
17 which will be garnered through Cornerstone Phase 1 in 2009.

18
19 Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 10 part d) for a
20 full discussion of savings to be gained from Cornerstone including those to be
21 delivered through Cornerstone Phase 1 in 2009.

22
23 d) The comprehensive Price Cap form of IRM does not provide a mechanism to analyze
24 the entire level of OM&A spending in the year being tested (July 14, 2008 *Report of*
25 *the Board on third Generation Incentive Regulation for Ontario's Electricity*
26 *Distributors*). It does state in the September 17, 2008 *Supplemental Report of the*
27 *Board*, Appendix B page vi that the analysis of incremental capital should include a
28 review of OM&A. Hydro One examined the OM&A costs for 2009 but is not
29 performing an analysis of the "overall impacts on OM&A costs" of incremental
30 capital projects since the IRM model doesn't accommodate such a review. Further,
31 any such savings would be captured within the Productivity Factor in the Price Cap
32 Index. Hydro One will undertake a full analysis of OM&A costs in our next cost of
33 Service application for 2010 – 2011. (Please refer to the interrogatory response in
34 Exhibit I, Tab 1, Schedule 2, part e).

Ontario Energy Board (Board Staff) INTERROGATORY #6 List 1

Interrogatory

6. Ref: Exhibit B1/Tab 3/Schedule 6/Page 7

Table 4 shows the forecast 2009 savings arising from Cornerstone process improvements and the result of netting these savings against the total 2009 capital costs.

Please describe the forecasted savings over the whole term of 3rd Generation IR.

Response

Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 2, part e). Hydro One is only applying for 3rd Generation IR for 2009. For 2010 and 2011 the forecast savings for Cornerstone will be included in Hydro One's Cost of Service Application.

Ontario Energy Board (Board Staff) INTERROGATORY #7 List 1

Interrogatory

7. Ref: Exhibit B1/Tab 3/Schedule 6/Page 2

In light of the Board's findings in EB-2007-0681 with regard to the anticipated benefits associated with Cornerstone project over the term of the 3rd Generation IR, please justify any amounts sought for this project through the incremental capital module.

Response

The amounts sought for this project in 2009 (\$41.8M) are one portion of the overall incremental capital as defined in Exhibit B2, Tab 1, Schedule 2, Appendix D. The Incremental capital amount requested in this application does not reflect the full 2009 Cornerstone capital expenditures.

Ontario Energy Board (Board Staff) INTERROGATORY #8 List 1

Interrogatory

8. Ref: Exhibit B1/Tab 3/Schedule 6/Page 11

Hydro One is requesting \$0.6 million for a new Internal Energy Efficiency program for 2009.

- a) Please describe what improvements or measures would be implemented to build new facilities to a higher standard of energy efficiency.
- b) Please indicate what are the estimated savings over the IR term.
- c) Please provide a discounted cash flow analysis and the estimated pay back period for this project.

Response

- a) It is too early to give detailed information regarding the new building design. Hydro One will be following, however, the Canada Green Building Council's Leadership in Energy and Environmental Design (LEED) Standard as a basis for designing its new Service Centre facility. LEED standards cover a number of sustainability elements including optimized energy performance, renewable energy, storm water management, construction waste management, recycling and indoor air quality. Hydro One is working with a LEED accredited design firm to assess and determine the final set of LEED elements that will be incorporated into the planned new Hydro One service centre building.
- b) LEED designed facilities are intended to promote environmental sustainability, and may involve some additional costs to reduce the overall environmental footprint of the facility. As part of the process, designs and technologies will be pursued that will allow us to realize long-term energy savings. Other features of the LEED design process may result in incremental costs. Those assessments are to be performed later this year.
- c) The LEED design process which is now underway will assess costs of implementing energy efficiency and environmental sustainability features into the planned new service centre design.

Ontario Energy Board (Board Staff) INTERROGATORY #9 List 1

Interrogatory

Letters of Comment

9. Ref: Letters of Comment Filed with the Board Secretary's Office

Your Notice of Application indicated that the letters of comment for your application will be part of the public record and be provided to the Board Members deciding the application. Board staff notes that, as of February 11, 2008, the Board Secretary's Office has received letters of comment from 20 interested parties.

- a) Please indicate whether Hydro One has responded to those letters of comment and, if not, if it intends to do so.
- b) If Hydro One has responded to the letters of comment, please provide a copy of your response to the Board Secretary's Office.
- c) If Hydro One has not responded, please provide Hydro One's position with respect to the issues raised in any un-answered letters.

Response

- a) Yes Hydro One has responded.
- b) See Attachment 1.
- c) Not applicable.

HYDRO ONE'S RESPONSE TO LETTERS OF COMMENT

1. Response to Mr. Ron Alton
2. Response to Ms. Nancy Beaune
3. Response to Ms. Bettina Bolender
4. Response to Mr. Don Boulton
5. Response to Mr. Rick Brown
6. Response to Mr. Ugo Cavaliere
7. Response to Ms. Sheila Cule
8. Response to Ms. Suzanne Fortier
9. Response to Ms. Audrey Hann
10. Response to Mr. Don Hopkins
11. Response to Ms. Hillary Hopps
12. Response to Ms. Helene Huraj
13. Response to Ms. Diane Letellier
14. Response to Mr. Murray Moore
15. Response to Mr. Dave Norcott
16. Response to Mr. Richard Osborne
17. Response to Ms. Eva Rathgeber
18. Response to Jim and Janice Robinson
19. Response to Mr. Mike Shayda
20. Response to Mr. Joel Stoklosa
21. Response to Ms. Mary Waskowec

HYDRO ONE'S RESPONSE TO LETTERS OF COMMENT

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18. Response to Jim and Janice Robinson
19. Response to Mr. Mike Shayda
20. Response to Mr. Joel Stoklosa
21. Response to Ms. Mary Waskowec

From: WEBSTER Jessica
Sent: Monday, February 02, 2009 10:33 AM
To: 'budbg@xplornet.com'
Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Dear Mr. Alton,

I am writing to acknowledge Hydro One Networks receipt of your January 15, 2009 email addressed to the Secretary of the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Jessica Webster
Regulatory Clerk
Hydro One Networks

From: MACDONALD Glen

Sent: Friday, January 02, 2009 2:41 PM

To: 'bentwood@execulink.com'

Subject: EB-2008-0187 - Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Ms. Nancy Beaune

I am writing to acknowledge Hydro One Networks receipt of your December 28, 2008 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald

Regulatory Affairs, Hydro One Networks

Phone 416-345-5913

Fax 416-345-5866

Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen

Sent: Tuesday, January 13, 2009 4:42 PM

To: 'bettinabb@hotmail.com'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Ms. Bettina Bolender

I am writing to acknowledge Hydro One Networks receipt of your January 12, 2009 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen
Sent: Friday, January 02, 2009 3:14 PM
To: 'dboulton2@cogeco.ca'
Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Mr. Don Boulton

I am writing to acknowledge Hydro One Networks receipt of your December 23, 2008 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen
Sent: Friday, January 02, 2009 2:38 PM
To: 'mari67@sympatico.ca'
Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Mr. Rick Brown

I am writing to acknowledge Hydro One Networks receipt of your December 24, 2008 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen

Sent: Friday, January 02, 2009 3:13 PM

To: 'Ugo@kmoose.com'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Ugo Cavaliere

I am writing to acknowledge Hydro One Networks receipt of your December 28, 2008 email with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen
Sent: Friday, January 02, 2009 3:17 PM
To: 'sheilacule@sympatico.ca'
Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Ms. Sheila Cule

I am writing to acknowledge Hydro One Networks receipt of your December 18, 2008 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: REILLY Anne-Marie

Sent: Tuesday, January 06, 2009 1:23 PM

To: 'fortier.s@sympatico.ca'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

I am writing to acknowledge Hydro One Networks receipt of your January 4, 2009 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Anne-Marie Reilly

Regulatory Coordinator

Regulatory Affairs

Hydro One Networks Inc.

Phone: (416) 345-6482

From: MACDONALD Glen

Sent: Tuesday, January 13, 2009 4:41 PM

To: 'chris.hann@sympatico.ca'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Ms. Audrey Hann

I am writing to acknowledge Hydro One Networks receipt of your January 10, 2009 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Glen MacDonald

Regulatory Affairs, Hydro One Networks

Phone 416-345-5913

Fax 416-345-5866

Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen
Sent: Friday, January 02, 2009 3:18 PM
To: 'don_hopkins@sourcecable.net'
Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Mr. Don Hopkins

I am writing to acknowledge Hydro One Networks receipt of your December 18, 2008 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen

Sent: Wednesday, January 14, 2009 10:45 AM

To: 'handkh@gmail.com'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Ms. Hillary Hopps

I am writing to acknowledge Hydro One Networks receipt of your December 31, 2008 email addressed to the Secretary of the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
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Email - glen.e.macdonald@HydroOne.com

Hydro One Networks Inc.

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www.HydroOne.com

Tel: (416) 345-5700
Fax: (416) 345-5870
Cell: (416) 258-9383
Susan.E.Frank@HydroOne.com

Susan Frank

Vice President and Chief Regulatory Officer
Regulatory Affairs



BY MAIL

January 15, 2009

Helene Huraj
55 Bailey Avenue
St. Thomas, ON.
N5R 4Z8

Dear Helene Huraj:

**EB-2008-0187 – Hydro One Networks' 3rd Generation Incentive Regulation based 2009
Distribution Rate Application**

I am writing to acknowledge Hydro One Networks receipt of your December 30, 2008 letter with comments on the Hydro One Networks' 2009 distribution rates application now before the Ontario Energy Board.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your letter/email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Sincerely,

ORIGINAL SIGNED BY SUSAN FRANK

Susan Frank

From: MACDONALD Glen

Sent: Friday, January 02, 2009 2:35 PM

To: 'dletellier@on.aibn.com'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

I am writing to acknowledge Hydro One Networks receipt of your December 30, 2008 email addressed to the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

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Cell: (416) 258-9383
Susan.E.Frank@HydroOne.com

Susan Frank

Vice President and Chief Regulatory Officer
Regulatory Affairs



BY MAIL

January 2, 2009

Mr. Murray L. Moore
627 Glenwood Drive
Pembroke, ON
K8A 1T9

Dear Mr. Moore:

**EB-2008-0187 – Hydro One Networks' 3rd Generation Incentive Regulation based 2009
Distribution Rate Application**

I am writing to acknowledge Hydro One Networks receipt of your letter to the Secretary of the Ontario Energy Board with comments on the Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your letter/email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Sincerely,

A handwritten signature in dark ink, appearing to read "Susan Frank", written in a cursive style.

Susan Frank

From: MACDONALD Glen

Sent: Monday, March 02, 2009 4:50 PM

To: 'denorcott@ripnet.com'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Mr. Dave Norcott

I am writing to acknowledge Hydro One Networks receipt of your December 18, 2008 email addressed to the Secretary of the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen

Sent: Friday, March 06, 2009 7:27 AM

To: 'cosborne147@sympatico.ca'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Mr. Richard Osborne

I am writing to acknowledge Hydro One Networks' receipt of your March 4, 2009 email addressed to the Ontario Energy Board (OEB) Market Operations email box. The OEB has forwarded a copy to Hydro One.

I understand you have had a telephone conversation with OEB staff and are aware that distribution rate changes are currently being implemented which were approved by the OEB in its EB-2007-0681 Decision and Rate Order. I also understand you are aware that Hydro One has a separate application (EB-2008-0187) in progress which is based on use of the OEB's third generation incentive regulation mechanism to change Hydro One Networks' distribution rates effective May 1, 2009.

Hydro One Networks has followed OEB guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published earlier in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

For your convenience, you can obtain and review [Hydro One's EB-2008-0187 application at Hydro One's web site](#). You can also review the [OEB Notice](#).

If you need more information, you can visit the OEB website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: MACDONALD Glen

Sent: Wednesday, January 14, 2009 10:41 AM

To: 'rpr@sympatico.ca'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Ms. Eva Rathgeber

I am writing to acknowledge Hydro One Networks receipt of your January 6, 2009 email addressed to the Secretary of the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

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Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

From: WEBSTER Jessica
Sent: Monday, February 02, 2009 10:40 AM
To: 'janice@eagle.ca'
Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board
Dear Jim and Janice Robinson,

I am writing to acknowledge Hydro One Networks receipt of your January 14, 2009 email addressed to the Secretary of the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Jessica Webster
Regulatory Clerk
Hydro One Networks

Hydro One Networks Inc.

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483 Bay Street
Toronto, Ontario M5G 2P5
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Cell: (416) 258-9383
Susan.E.Frank@HydroOne.com

Susan Frank

Vice President and Chief Regulatory Officer
Regulatory Affairs



BY MAIL

January 2, 2009

Mr. Mike Shayda
511 Wilson Road South
Oshawa, ON.
L1H 6E1

Dear Mr. Shayda:

**EB-2008-0187 – Hydro One Networks' 3rd Generation Incentive Regulation based 2009
Distribution Rate Application**

I am writing to acknowledge Hydro One Networks receipt of your December 19, 2008 letter with comments on the Hydro One Networks' 2009 distribution rates application now before the Ontario Energy Board.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your letter/email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Sincerely,

ORIGINAL SIGNED BY SUSAN FRANK

Susan Frank

From: MACDONALD Glen

Sent: Monday, March 02, 2009 4:52 PM

To: 'Joel.Stoklosa@fmglobal.com'

Subject: EB-2008-0187 – Hydro One Networks 3rd Generation Incentive Regulation based 2009 Distribution Rates Application to the Ontario Energy Board

Mr. Joel Stoklosa

I am writing to acknowledge Hydro One Networks receipt of your December 20, 2008 email addressed to the Secretary of the Ontario Energy Board with comments on Hydro One Networks' 2009 distribution rates application.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Glen MacDonald
Regulatory Affairs, Hydro One Networks
Phone 416-345-5913
Fax 416-345-5866
Email - glen.e.macdonald@HydroOne.com

Hydro One Networks Inc.

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Fax: (416) 345-5870
Cell: (416) 258-9383
Susan.E.Frank@HydroOne.com

Susan Frank

Vice President and Chief Regulatory Officer
Regulatory Affairs



BY MAIL

January 20, 2009

Ms. Mary Waskowec
RR2
Colborne, ON.
K0K 1S0

Dear Ms. Waskowec:

**EB-2008-0187 – Hydro One Networks' 3rd Generation Incentive Regulation based 2009
Distribution Rate Application**

I am writing to acknowledge Hydro One Networks receipt of your January 10, 2009 letter with comments on the Hydro One Networks' 2009 distribution rates application now before the Ontario Energy Board.

Hydro One Networks has followed the Ontario Energy Board's guidelines for Ontario electricity distribution utilities with respect to preparing and filing third generation incentive regulation based rates applications. The Board's written hearing process which was outlined in the Notice published in newspapers does provide you with opportunities to present your concerns and comments to the Board through your letter/email of comment. The Board's Notice states that any comments filed on this Application will be "provided to Board members deciding the application" so you can be assured that your views will be part of the Board's deliberations in deciding this Application.

If you need more information, you can visit the Board's website at www.oeb.gov.on.ca or call the Board's Consumer Relations Centre at 1-877-632-2727 to obtain more information on the review process and ways to participate.

Sincerely,

Susan Frank

Energy Probe Research Foundation (EP)) INTERROGATORY #1 List 1

Interrogatory

Ref: Exhibit B1, Tab 3, Schedule 3

The evidence on Page 2 in the first paragraph refers to the Applicant's "work program prioritization process".

a) Please describe the work program prioritization process of Hydro One in respect of Capital Expenditures.

b) Please advise whether each of the following corporate areas of Hydro One have a separate, distinct work program prioritization process in respect of Capital Expenditures:

- i) Customer Operations
- ii) Asset Management
- iii) Engineering & Construction Services
- iv) Grid Operations
- v) General Counsel & Secretariat
- vi) Corporate Projects
- vii) Corporate Services
- viii) Corporate & Regulatory Affairs

c) Does the final decision on ranking of program priority reside within each corporate area?

d) Does the work program prioritization process combine both Distribution and Transmission Capital Expenditures? If so, is one deemed a higher priority than the other?

Response

a) Hydro One provided evidence in EB-2008-0272 regarding the work program prioritization process of Hydro One Networks. Attachment 1 to this interrogatory provides the exhibit in full. Please note this is a Hydro One Networks Planning process that incorporates both Transmission and Distribution work programs and projects.

b) Hydro One has an integrated work program prioritization process making trade offs between individual corporate function capital expenditures.

c) No. The final decision on ranking of program priority resides at the executive level.

Filed: March 9, 2009

EB-2008-0187

Exhibit I

Tab 2

Schedule 1

Page 2 of 2

- 1 d) The initial work program prioritization process reviews the distribution and
- 2 transmission programs separately. Then as a second step since Hydro One is an
- 3 integrated workforce the programs are reviewed in total. However, one is not deemed
- 4 a higher priority than the other.
- 5

Filed: March 9, 2009
EB-2008-0187
Exhibit I-2-1
Attachment 1

1
2
3
4

PLANNING PROCESS
EB-2008-0272 EXHIBIT A, TAB 14, SCHEDULE 1

PLANNING PROCESS

1.0 INTRODUCTION

Business planning is performed annually and focuses on the development of a five-year plan which comprises a detailed plan for the first three years in the planning cycle and a less detailed outlook for the remaining two-year period. The planning cycle in 2008 pertained to the 2009-2013 period. The results as they apply to 2009 and 2010 (the test years) form the basis for the rate submission.

The annual business planning process consists of five stages:

1. Strategic direction and goals established;
2. Development of economic outlook and forecast assumptions;
3. Investment proposals developed;
4. Prioritization and selection of investment plan; and
5. Development of business plans and work programs;

Figure 1 provides an overview of the planning process:

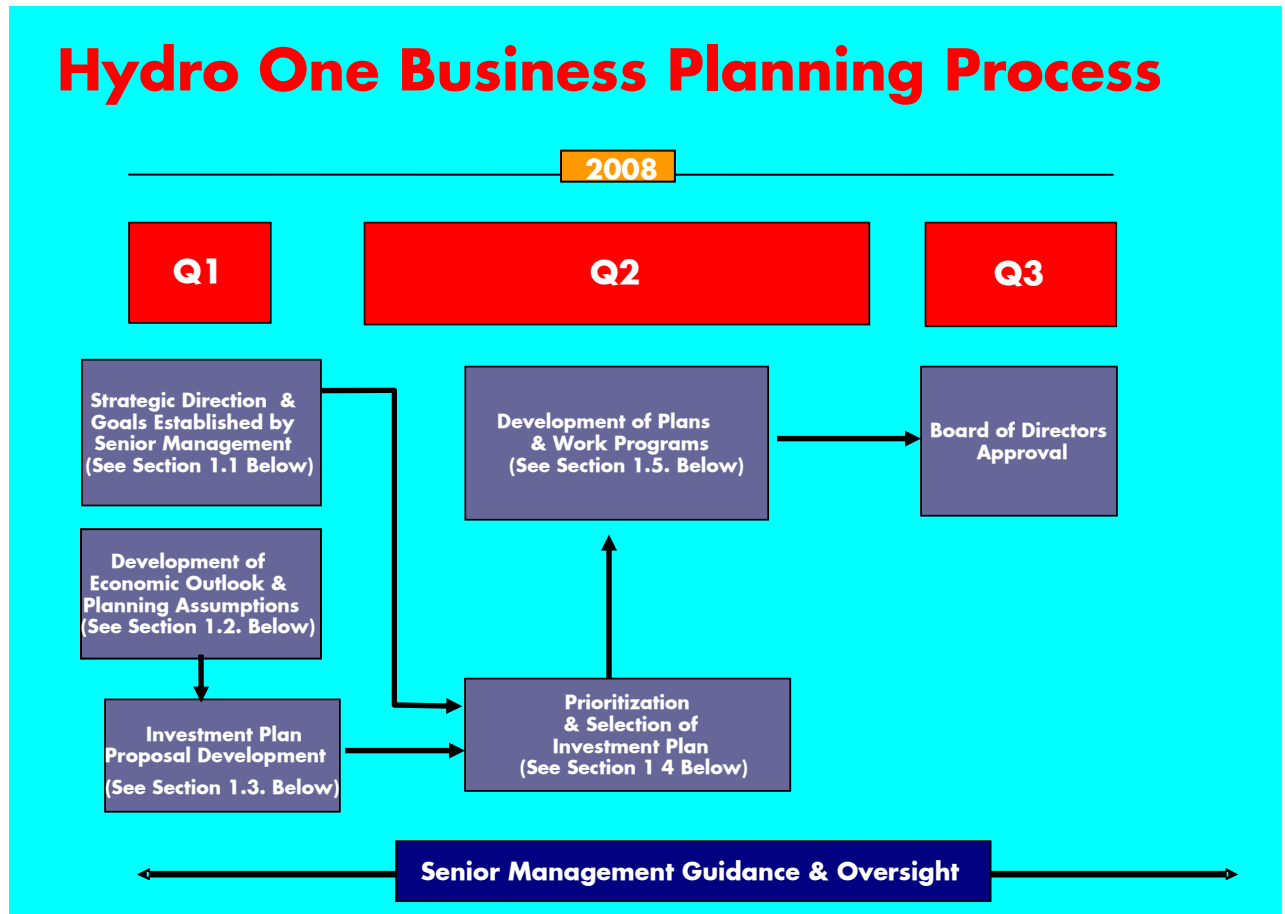


Figure 1

The key dates applicable to the 2009-2013 planning cycle include:

<u>Date</u>	<u>Action</u>
January 2008	Strategic direction and goals established by Senior Management
January 2008	Business plan instructions issued
February 2008	Investment proposals developed
April/May 2008	Investment plan prioritized and selected
June 2008	Executive Committee review of business plans with Lines of Business
August 2008	Hydro One Inc. Board approval of business plan

1 **1.1 Strategic Direction and Goals Established by Senior Management**

2
3 Hydro One Transmission's strategic direction and goals are reviewed and established by
4 the CEO and other members of the senior management team. The strategic goals are
5 included in the business planning instructions for reference by planners as the business
6 plan is being developed. Hydro One's corporate vision and strategic objectives are
7 shown in Exhibit A, Tab 4, Schedule 1.
8

9 **1.2 Development of Economic Outlook and Planning Assumptions**

10
11 To facilitate the preparation of the business plan, an economic outlook and customer load
12 forecast is developed and included with the planning instructions issued. This includes
13 forecasts of key economic statistics, interest rates, labour escalation rates, income tax
14 rates, and cost rates for benefits. The assumptions used for the 2008 business plan are
15 attached to this exhibit as Appendix A. A detailed discussion of these variables is filed at
16 Exhibit A, Tab 14, Schedule 2 and 3.
17

18 **1.3 Investment Plan Development**

19
20 As part of the investment plan development phase, customer needs (including anticipated
21 load growth and generator connections), criticality of asset, operational performance, and
22 asset condition are examined to identify areas requiring investments. Investments are
23 prioritized and optimized to balance risk and expenditures. Exhibit A, Tab 14,
24 Schedule 4 provides a detailed discussion of the Company's investment planning process.

1.4 Prioritization and Selection of Investment Plan

The investments resulting from the planning process go through a prioritization process. A list of work is prepared that is consistent with Hydro One Transmission's strategic goals and take into account financial, operational, environmental, safety, regulatory and legal considerations. Investments are prioritized using these considerations. This results in a final investment plan that is then endorsed and confirmed by the Hydro One Transmission senior management team. The investment plan prepared during 2008 provided the basis for the 2009 and 2010 forecasts. Please see Exhibit A, Tab 14, Schedule 5 for a more detailed description of the work prioritization and selection process.

1.5 Development of Plans and Work Programs

During the planning process, plans and work programs are further refined consistent with the economic and forecast assumptions. As part of this process, sufficient detail is provided to facilitate preparation of the 2009 and 2010 Rate Application. At the end of this process, the Hydro One Transmission senior management team provides direction as necessary in order to balance the various factors under consideration including customer service levels, rate impacts and economic considerations.

The operations, maintenance and administration ("OM&A") budget and the capital budget that result from this planning process are discussed at Exhibit C1, Tab 2 and Exhibit D1, Tab 3 respectively. Refer to Exhibit A, Tab 14, Schedule 6 for an overview of the project approval process for Hydro One Transmission.

The financial plan is prepared, incorporating OM&A and capital work program levels consistent with the investment plan, as well as forecasts of revenue, cost of power,

1 depreciation and amortization expense, financing charges, income tax, and working
2 capital.

3

4 The resulting plan is reviewed by the Executive Committee of Hydro One Inc. As
5 necessary, underlying assumptions are modified and the results finalized and presented
6 for approval to the Hydro One Inc. Board of Directors.

7

Energy Probe Research Foundation (EP) INTERROGATORY #2 List 1

Interrogatory

Ref: Exhibit B1, Tab 3, Schedule 3

The evidence at Pages 10 to 13 describes Capital Expenditures in respect of the need for increasing spending in Lines Sustaining Capital, Lines from \$139.5 million Board Approved in 2008 to \$153.6 million in the 2009 Test Year. In the sub-category Trouble Call & Storm Damage there is an increase identified as \$53.4 million to \$58.3 million.

In the first paragraph on Page 13, the evidence describes an additional finding of the Asset Assessment Condition process, specifically an emerging issue with end of life submarine cables.

- a) What portion of the \$58.3 million expenditures requested for 2009 deals with the emerging issue with end of life submarine cables?
- b) Is the end of life submarine cables issue an ongoing problem for Hydro One?
- c) Why is the end of life submarine cables issue classified as part of the Trouble Call & Storm Damage section of Lines Sustaining Capital?

Response

- a) \$3.1M of the \$58.3M is for Submarine and Underground Cable Trouble Call response.
- b) Yes, the end-of-life submarine cable issue is an ongoing issue.
- c) The expenditures within the Trouble Call & Storm Damage section that are attributed to cables are included to address situations that require cable repairs and replacement prior to the next period in which planned work is set.

Energy Probe Research Foundation (EP)) INTERROGATORY #3 List 1

Interrogatory

Ref: Exhibit B1, Tab 3, Schedule 6

The evidence at Pages 5 to 7 discusses the Cornerstone Capital portion of Shared Services Capital in respect of the need for increasing spending from \$63 million Board Approved in 2008 to \$92.3 million in the 2009 Test Year.

Phase 3 is designed to enhance integrated planning by integrating key systems to, in part, improve asset lifecycle management analytics and decisions.

During the EB-2006-0501 Hydro One Transmission proceeding Oral Hearing on May 8, 2007, the following exchange took place during cross examination of Panel 3:

MR. MacINTOSH: Fine. And the specific question I have is that within Cornerstone, within any of the four phases and the many applications, is there an application that will enable the company to break out its capital project estimates and forecasts in categories such as cost of materials and cost of labour?

MR. STRUTHERS: In phase 3, which is the financial side of it, there is a project costing module that should provide additional information that should hopefully address your requirement, yes.

a) Is the project costing module that will enable the company to break out its capital project estimates and forecasts in categories such as cost of materials and cost of labour still part of the Cornerstone Project?

b) Will the project costing module come on line in 2009? If not, when?

Response

a) Yes the project costing module will be installed to replace existing end-of-life PeopleSoft Finance, Human Resources (HR) and Payroll processing with functionality provided by SAP that is integrated with the Enterprise Asset Management (EAM) solution installed in Phase 1. The module is being utilized to capture actual project costs, not project estimates and Cost of Service Application forecasts. This being the case, the SAP project costing module will not be able to provide resource breakouts of the capital project forecasts that are submitted in Cost of Service Applications.

b) The expected in-service is Q3 2009

Consumers Council of Canada (CCC) INTERROGATORY #1 List 1

Interrogatory

(Ex. B1/T3) For Sustaining, Development, Operations and Shared Services Capital please provide detailed budgets showing 2008 Board approved and 2008 actuals.

Response

Please see the table below.

Description	2008	
	Approved Budget	Actual
Sustaining	152.3	170.7
Development	167.7	153.2
Operations	3.6	0.9
Shared Services	92.2	110.3
Total	415.8	435.1

The variance in sustaining capital is attributed to:

- A severe storm late in the year resulted in storm damage costs exceeding budget amounts by \$11M.
- Added demand for Joint Use and Line Relocations resulted in expenditures being \$7M above plan.

The variance in development capital is attributed to:

- System Capability costs less than expected.

The variance in operations capital is attributed to:

- Under spend for the Distribution Historical Data Management investment which has been delayed as the pre-requisite infrastructure has not yet been established.
- Smart Meters into Outage Management initiative was consolidated with other Smart Meter programs.

The variance in shared services capital is attributed to:

- The shift of Cornerstone Phase 1 work from 2007 to 2008.

Consumers Council of Canada (CCC) INTERROGATORY #2 List 1

Interrogatory

In its Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors, the Board stated:

“The Board notes that there are clearly differences in perception as to the purpose of the incremental capital module. Ratepayer groups perceive the capital module as a mechanism aimed solely at addressing extraordinary or special CAPEX needs by distributors. The distributors, on the other hand, perceive the module as a special feature of the 3rd Generation IR architecture which would enable them to adjust rates on an on-going, as needed basis to accommodate increases in rate base.

In the Board's view, the distributors view is not aligned with the comprehensive price cap form of regulation which has been espoused by the Board in its July 14, 2008 Report. The distributor's concept better fits a “targeted OM&A” or “hybrid” form of IR. This alternative IR form was discussed extensively in earlier consultations but was not adopted by the Board. The intent is not to have an IR regime under which distributors would habitually have their CAPEX reviewed to determine whether their rates are adequate to support the required funding. Rather, the capital module is intended to be reserved for unusual circumstances that are not captured as a Z-factor and where the distributor has no other options for meeting its capital requirement.” (pp. 30-31)

Please provide a list of all capital projects for 2009 and identify which projects constitute “unusual circumstances”.

Response

Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 3, part a).

Consumers Council of Canada (CCC) INTERROGATORY #3 List 1

Interrogatory

(Ex B1/T3/S1) The evidence states that in preparing its incremental capital module HON Dx considered the potential resulting impacts on OM&A.

- a) Please provide copies of that analysis.
- b) What was the net result having looked at all of the capital proposed?
- c) Are OM&A costs going up or down?

Response

- a) OM&A costs were reviewed as part of this filing but an analysis was not undertaken since we are not requesting specific recovery of OM&A costs related to the Incremental Capital Module as part of this submission. Hydro One is filing a Cost of Service Application for the 2010 and 2011 test years in the third quarter of this year. This submission is described in a letter dated February 11, 2009 from Susan Frank, VP and Chief Regulatory Officer of Hydro One Networks to Kirsten Walli, Secretary, Ontario Energy Board and in a letter dated March 5, 2009 from the Board selecting Hydro One for Rate rebasing in 2010 (EB-2009-0028).
- b) See response in part a) above.
- c) See response in part a) above.

Consumers Council of Canada (CCC) INTERROGATORY #4 List 1

Interrogatory

a) Please explain what HON is doing in the context of IRM to reduce its overall capital plan through efficiency improvements.

b) Please provide a list of all initiatives

Response

A number of initiatives were identified and introduced in 2007 and 2008 to streamline the business, and many commenced prior to 2007, as identified in the Company's evidence filed in EB-2006-0501, EB-2007-0681 and EB-2008-0272. Many of these continue to provide value to the organization, such as:

- Developing a more multi-skilled workforce;
- Increased staffing flexibility (e.g. use of hiring hall) to execute peak seasonal and project work;
- Implementation of focused trades training programs;
- New tools and technologies, such as the full implementation of information technology used for new connections;
- Implementation of new processes and tools in the field to enable improved planning, scheduling and reporting of work;
- Improvements in the fleet management business;
- The full use of temporary headquarters for work crews, reducing travel time and thereby increasing "wrench" time on the job;
- Targeted savings from strategic sourcing initiatives;
- The centralized operation of the transmission and distribution systems;
- Continued outsourcing of work activities;
- Integration and bundling of work, such as improvements to the management of equipment outages;
- Opportunities to increase efficiency and reduce compensation costs related to unionized staff are pursued through collective bargaining.

Hydro One Distribution also uses benchmarking (internal and external) and information on best practices to find ways to operate the business more effectively and efficiently. Internal analyses are performed to compare performance across geographic regions and identify performance trends. The primary purpose of external studies is to compare relative performance and identify best practices others are using which may improve Hydro One Distribution's performance.

1 Additional incremental savings in 2009 are expected to increase from recent levels
2 through such initiatives as:

- 3
- 4 • Process improvements, including savings associated with implementation of the
5 Cornerstone initiative and ACPI/WEP;
 - 6 • Implementation of the Distribution AIS / GIS initiative;
 - 7 • Strategic sourcing savings for materials and services;
 - 8 • Better planning and estimating, leading to reduced cancellations of outages; and
 - 9 • Job bundling to allow for improved efficiencies and overall reduced job costs.
- 10

11 A detailed discussion of 2009 Cornerstone savings is provided in Exhibit I, Tab 3,
12 Schedule 10, part c).

13

14 Please refer to EB-2007-0681, Exhibit C1, Tab 4, Schedule 2, pages 1-6, titled “Cost
15 Efficiency” and EB-2008-0272, Exhibit A, Tab 16, Schedule 1, pages 1-13, titled “Cost
16 Efficiencies/Productivity” for more detailed discussions of the productivity/cost
17 efficiency initiatives that are underway at Hydro One.

18

Consumers Council of Canada (CCC) INTERROGATORY #5 List 1

Interrogatory

(Ex. B1/T3/S4/p. 5)

- a) Please provide detailed evidence to support the \$5.9 million in generation connections.
- b) The evidence states that the majority of these costs are recoverable through capital contributions. Is the \$5.9 million incremental to that?

Response

- a) The \$5.9 million to support generation connections is spent on:

- Changes to Hydro One Networks' plant, such as replacement of poles, to allow generators to connect to the Distribution system and
- Relocation of Hydro One lines to new facilities, such as poles, built by generation proponents.

The \$5.9 million forecast was based on the expectation that the number of generators actually connected to the distribution system in 2009 (63) would be less than in 2008 (74) due to current capacity limitations of the system as described in the evidence Exhibit B1, Tab 3, Schedule 4, page 5 and Exhibit B1, Tab 3, Schedule 7, page 18.

In most cases where a line route selected by a proponent extends along a section of road that is occupied by a Hydro One line, rights of way are not available for both lines to exist for an extended distance. Under these conditions, Hydro One's approach will be to offer to share the right of way and structures with the proponent. The proponent would build new structures to accommodate their new line as well as Hydro One's existing line. Hydro One would pay for the portion of the cost of the new structures that benefit other Hydro One customers.

- b) The \$5.9 million is an incremental expenditure.

Consumers Council of Canada (CCC) INTERROGATORY #6 List 1

Interrogatory

(Ex. B1/T3/S4/p.5) Please provide a business case for the \$6.8 million expenditure related to the Smart Grid program.

Response

This funding will allow Hydro One to implement pilot projects to test Smart Grid technologies and business processes. The pilot projects will provide the needed data to assess technology readiness and develop business cases in advance of wider program development.

New government sponsored programs in the areas of smart meters and renewable distributed generation are spawning the need for technological advancement in the Distribution System. Many of the new “smart grid” technologies are in their infancy but they are nevertheless very promising in their advancement of system monitoring and protection capability and reliability enhancement. Controlled pilots provide the opportunity to test these technologies in the Hydro One operating environment and geographic territory and are a necessary step to broader implementation – this approach limits risk and cost while providing the potential upside of advancement where business benefits merit further investment. The proposed Green Energy Act also supports the need for a comprehensive Smart Grid program.

The pilots to be funded under this investment are listed in Exhibit B1, Tab 3, Schedule 7, Page 19.

Consumers Council of Canada (CCC) INTERROGATORY #7 List 1

Interrogatory

(Ex. B1/T3/S7/p. 26) HON is planning on spending \$30.7 million for head office improvements including new office space and furniture systems.

- a) Please provide a detailed breakdown of that budget.
- b) Please provide evidence to support those budget amounts including market assessments etc.
- c) Please provide evidence that HON has pursued all cost effective alternatives.

Response

- a) Please refer to the interrogatory response in Exhibit I, Tab 8, Schedule 29.
- b) and c) The rationale for this investment is provided in the Investment Summary Document for Facilities and Real Estate (SS3). Please refer to Exhibit B1, Tab 3, Schedule 7, page 26.

Consumers Council of Canada (CCC) INTERROGATORY #8 List 1

Interrogatory

(Ex. B1/T3/S7/p. 14)

- a) Please provide a detailed break-out of the Development Capital – Connections and Upgrades Budget of \$110.1 million.
- b) Is it likely that given the current economic conditions that new customer connections will decline relative to the current forecast?
- c) If so, is this budget currently overstated?

Response

- a) The table below provides the detailed break-out of the Development Capital -- Connections and Upgrades Budget.

2009 Forecast	New Connections	Service Upgrades	Eliminate LTLT	Retail Revenue Meters
HON Cost (\$M)	82.3	24.1	0.4	3.3

- b) Please refer to the interrogatory response in Exhibit I, Tab 5, Schedule 8 part a).
- c) See response b) above.

Consumers Council of Canada (CCC) INTERROGATORY #9 List 1

Interrogatory

(Ex. B1/T3/S5/p. 2)

The evidence states that the increase in Operations Capital over 2008 is required to continue with the investments to improve operating efficiencies and undertake three additional initiatives.

- a) Will there be offsetting OM&A costs associated with these efficiencies in 2009?
- b) If so, please identify those cost reductions.

Response

- a) There will be no OM&A savings during 2009. During 2009 these projects include integration and business process re-engineering activities. Savings are anticipated in future years that will be incorporated into future Cost of Service Applications.
- b) Not applicable

Consumers Council of Canada (CCC) INTERROGATORY #10 List 1

Interrogatory

(Ex. B1/T3/S6/p. 2)

- a) Please provide a schedule setting out Cornerstone expenditures, both capital and OM&A for the entire program up to 2010.
- b) Please include the total amounts and the allocations to TX and DX.
- c) In addition, please provide forecast/Board approved and actual numbers where available.
- d) Also, please provide a detailed break-down of the forecasted benefits for each year and explain how the benefit calculations were derived.
- e) Are the benefits incorporated into the 2009 revenue requirement?
- f) If not, why not?

Response

- a) Per Hydro One Network's Transmission Rate Application, EB-2008-0272 Exhibit D1-3-7, the following table sets out the total Cornerstone expenditures for OM&A and Capital.

Cornerstone Expenditures (\$M)	Historic			Forecast		Total
	2006	2007	2008	2009	2010	
Total Cornerstone	2006	2007	2008	2009	2010	Total
- Capital and MFA	0.0	63.6	107.1	100.3	63.5	334.5
- OM&A and Removals	3.5	4.8	2.6	4.5	1.8	17.2
Total Cornerstone	3.5	68.4	109.7	104.8	65.3	351.7

- b) Per Hydro One Network's Transmission Rate Application, EB-2008-0272, the following tables provide the Transmission and Distribution allocation for the total Cornerstone expenditures for OM&A and Capital.

Transmission Allocation (\$M)	Historic			Forecast		Total
	2006	2007	2008	2009	2010	
Transmission Allocation	2006	2007	2008	2009	2010	Total
- Capital and MFA	0.0	35.2	59.1	55.5	35.4	185.2
- OM&A and Removals	2.2	2.7	1.5	2.5	1.0	9.9
Total Transmission Allocation	2.2	37.9	60.6	58.0	36.4	195.1

Distribution Allocation (\$M)	Historic			Forecast
Distribution Allocation	2006	2007	2008	2009
- Capital and MFA	0.0	28.4	48.0	44.8
- OM&A and Removals	1.3	2.1	1.1	2.0
Total Distribution Allocation	1.3	30.5	49.1	46.8

- c) The Board approved numbers (reference EB-2006-0501 and EB-2007-0681) for the Cornerstone Project are provided in the table below

OEB Approved Numbers (\$M)	2006	2007	2008	Total
Capital* and MFA	0	102	63.0	165.0
OM&A and Removals	4	6	6	16
Gross Investment Cost	4.0	108	69.0	181.0
Capital Contribution				
Net Investment Cost	4.0	108.0	69.0	181.0

- d) The following tables show total Cornerstone benefits as well as benefits allocated to Distribution.

Total Benefits (\$M)	2006	2007	2008	2009
- Capital Savings	0	0	0	8
- O&M Savings	0	0	0	10
Total Cornerstone Benefits	0	0	0	18

Dx Allocated Benefits (\$M)	2006	2007	2008	2009
- Capital Savings	0	0	0	3
- O&M Savings	0	0	0	4
Total Dx Benefits	0	0	0	7

The benefits for each phase are based upon a complete understanding of the benefits from the SAP application and estimated using the following sources of information:

- High-level design work completed during project discovery
- Applicable benchmarks and experience
- Historical performance data
- Consultation with experts

The benefits are derived from three key value levers underpinned by Cornerstone Phase 1 application, process and organizational changes. These value levers are:

- Centralizing to a single asset registry with a uniform hierarchy and selective integration to legacy databases;
- Providing greater process transparency, integration and collaboration (enabled through the application and process changes) across Hydro One's lines of business (LOB); and,
- Enhancing compliance to the underlying processes and data requirements.

The savings in each of the 3 Cornerstone phases are as follows.

I) Phase 1 Savings

Phase 1 savings (both Transmission and Distribution) total \$200 million over a seven year period starting in 2009 to 2015. Total savings of \$40M are expected in the years 2009 and 2010. The bulk of the Phase 1 total savings are through the following:

- Optimize O&M and Capital spend through enhanced asset analysis and maintenance by managing operational risks over the asset life cycle (Expected Benefits \$50.3M with \$3.8M in 2009-2010)
- Enhanced crew productivity due to better materials availability through more efficient forecasting, planning and execution. The contribution to improvement in crew productivity results from having the right materials available at the right time and the right location (Expected Benefits \$35.5M with \$7.4M in 2009-10).
- Improve internal & supplier contract compliance through reduction in non – Purchase Order spend for direct purchase of materials and services. This benefit is derived from all users purchasing standardized materials and services off negotiated contracts at agreed prices and terms (Expected Benefits \$35M with \$6.8M in 2009-10).

II) Phase 2 Savings

The Phase 2 benefits build on the benefits derived from three key value levers underpinned by the Cornerstone Phase 1 application for technology, process and organizational changes. The Phase 2 savings total approximately \$50 million with \$4 million of savings in 2010 (\$3M in OM&A and \$1M in capital expenditures). The Phase 2 savings are based upon the following benefits identified over a seven year period starting in 2010:

1. Replacement of the core Finance / Human Resources / Payroll Functionality

Expected Benefits \$20M (and \$1.6M in 2010):

- Provide efficiency improvements that are driven by having a standardized platform for business process, technology and reporting and an integrated system of record within SAP for all asset and financial data;
- Improve IT security and internal control; and
- Avoid costs associated with maintaining and reconciling two separate financial system applications and having to implement IFRS compliance requirements in both (the SAP financials implemented with Phase 1, and the legacy PeopleSoft application.).

2. Business Intelligence/Business Warehouse

Expected Benefits \$30M (and \$2.4M in 2010):

- Provide field supervisors with key operational data, standard reports and analytical tools to enable further workforce productivity improvements;
- Provide the centralized Asset Management group with a common and single source for information and better analytical tools to improve asset investment decisions; and
- Provide the Company with a tool to help realize and measure progress in realizing the business benefits of Cornerstone.

e) Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 5, part c).

f) See response to e) above.

Consumers Council of Canada (CCC) INTERROGATORY #11 List 1

Interrogatory

(Ex B1/T3/S6/p. 11)

- a) Please describe the Internal Energy Efficiency program and provide the TRC screening results for the program.
- b) Please provide the expected cost savings for 2009.

Response

- a) Hydro One developed and launched an internal energy efficiency and environmental program in 2008. The purpose of this is to create a conservation culture among our employees and to reduce the impacts associated with our internal energy use and emissions. The program emphasizes the opportunity to make energy efficiency improvements within our Hydro One facilities and fleet and includes a critical employee awareness program. A project team was established to engage employees and there is representation from across the company. The name of the program is "Greener Choices".

A TRC analysis has not been conducted for the program because it is not a customer targeted program and it does not utilize traditional conservation funding. Projected cost savings for the 2009 program will be outlined in the business case summaries that are yet to be developed for the key elements of the internal efficiency program.

- b) Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 8.

Consumers Council of Canada (CCC) INTERROGATORY #12 List 1

Interrogatory

Is it HON's position that all incremental capital spending, as defined by the plan should be recovered through rates?

Response

It is Hydro One Distribution's view that 2009 capital related costs, if the level triggers the threshold established by the Board in conjunction with the use of the Capital Adjustment Module, should be recovered through a rate rider in that year. Otherwise Hydro One Distribution will experience a revenue shortfall. Before these costs are placed in rate base they will be reviewed by the OEB during Hydro One's next Distribution Cost of Service Application.

Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 3.

Consumers Council of Canada (CCC) INTERROGATORY #13 List 1

Interrogatory

(Ex. B1/T3/S 7/pp. 1-30)

HON has provided Investment Summary Documents for all programs placed into service in 2009 where the spending is greater than \$5 million.

- a) Please prioritize these projects indicating which are most critical to meet HON's obligations for system safety and reliability.
- b) Please indicate which of the projects could potentially be deferred.

Response

- a) Please refer to Exhibit I, Tab 2, Schedule 1, part (a). Hydro One applies a risk-based planning process and the projects that Hydro One undertakes are critical to meeting Hydro One's obligations for system safety and reliability.
- b) None of these projects can be deferred.

Consumers Council of Canada (CCC) INTERROGATORY #14 List 1

Interrogatory

In its Supplemental Report, the Board dictated that amounts to be incurred must be non-discretionary, and prudent. From the Board's perspective, prudent means that, "the distributor's decision to incur the amounts represents the most cost-effective (not necessarily least initial cost) option for ratepayers." (Report of the Board, Appendix B, p. VII)

a) Please provide evidence that the 2009 capital spending proposed meets this test.

Response

As stated in Exhibit B1, Tab 3, Schedule 2, Page 1, the 2009 capital expenditures that support Hydro One Distribution's work programs and projects result from a rigorous business planning and work prioritization process that reflects risk-based decision-making to ensure that the appropriate and cost-effective solutions are put into place to meet Hydro One Distribution's objectives.

This annual process consists of the following steps:

- Refine/validate business values;
- Develop multiple levels of investments to incrementally mitigate risks;
- Determine and evaluate the cost, benefits and risks for each level;
- Prioritize the levels across all areas; and
- Assess the results and build the Investment Plan Proposal

Hydro One Distribution follows this intensive investment planning process ensuring that capital investment expenditures are prudent, non-discretionary and cost effective. Please refer to the interrogatory response in Exhibit I, Tab 2, Schedule 1, Attachment 1.

Consumers Council of Canada (CCC) INTERROGATORY #15 List 1

Interrogatory

Please indicate to what extent HON Dx has assessed the need to apply for an incremental capital module in 2010.

Response

Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 2, part e).

Power Worker's Union (PWU) INTERROGATORY #1 List 1

Interrogatory

Reference: Exhibit B1/Tab 3/Schedule 3/Page 6/Lines 5-10

Due to the importance of these system elements to customer reliability and since lead times for purchasing new transformers or regulators have been increasing and are in the order of 75 to 80 weeks, Hydro One Distribution maintains a spares inventory of transformers and regulators that is based on the number and type of transformers and regulators in-service, reliability of equipment in use and the available mobile substation.

Questions:

- a.) What is the reason for the increasing lead times required for purchasing new transformers and regulators?
- b.) Is there an expectation that the lead times will continue to increase in the near term i.e. in 2009 - 2010?
- c.) If there is an expectation that lead times will continue to increase in the near term i.e. in 2009-2010, have such increased lead times been factored into the capital module.

Response

- a) Increased lead time is required by transformer manufacturers due to the market demand on material, limited production capacity and high demand for transformers and regulators.
- b) It is expected that the lead time in the near term (i.e. 2009-2010) will remain the same.
- c) N/A. See response to b) above. There is no expectation that lead time in the near future will continue to increase.

Power Worker's Union (PWU) INTERROGATORY #2 List 1

Interrogatory

Reference: Exhibit B1/Tab 3/Schedule 7/Page 8/ Lines 12-15

Costs:

- *The costs for forestry and premium time incurred as part of storm damage restoration are captured as part of OM&A Trouble Calls.*
- *Includes \$2.5M that is recovered through claims.*

Question:

- a.) How is the forecast on the amount to be recovered through claims derived?

Response

- a) Please refer to interrogatory response in Exhibit I, Tab 6, Schedule 7, section a) for the derivation of Trouble Call and Storm Damage projections. Damage claim credits are included in the Trouble Call – Other category forecast.

Power Worker's Union (PWU) INTERROGATORY #3 List 1

Interrogatory

Reference: Exhibit B1/Schedule 7/Page 18/Lines 22-30

The volume of applications for distribution generation connections continues at a very high level. Hydro One has received 2300 applications for connection of generators to the distribution system as of 2008.

As more applicants for distribution generation connections are received, and more connection impact assessments are completed, it becomes more and more complex to assess and connect additional applications for distribution generation to the Hydro One Networks distribution system.

As a result, more investment may be needed to modify or upgrade the distribution and transmission systems to connect new generation facilities to Hydro One Networks distribution system.

Reference: Exhibit B1/Schedule 7/Page 18/Lines 37-39

☐ *additional renewable generation may be connected to the Hydro One Networks distribution system because most of the applications for the distribution generation connections are related to the OPA's Renewable Energy Standard Offer Program (RESOP).*

Preamble:

In a speech made at the Canadian Club of Toronto on February 3, 2009, Premier McGuinty stated the following:

(<http://www.premier.gov.on.ca/news/Product.asp?ProductID=2822>)

The truth is, the places that reduce carbon first will have a competitive advantage. And we need to get there first.

That's why, when the Legislature returns shortly, we will introduce a new Green Energy Act.

There are tremendous opportunities to be had in a green economy.

Our intention is to unleash an explosion of new, green energy — and create more than 50,000 jobs over the next three years.

1 *At the same time, we will make it easier and simpler to get new wind turbines, solar*
2 *panels and biofuel plants online and plugged into the grid.*

3
4 *Our province will be greener, and stronger, and in a much better position to compete*
5 *and win against the rest of the world.*

6
7 Question:

8
9 a.) Does the forecast capital expenditure of \$5.9M for Distribution Generation
10 Connection take into account the impact of the “explosion of new, green
11 energy” that the new Green Energy Act is expected to bring about on the
12 amount of investment needed to modify or upgrade the distribution system?

13
14 b.) If the response to (a) is no, please describe how HO intends to account for the
15 revenue shortage related to incremental capital expenses that result from the
16 new Green Energy Act in 2009.?

17
18 Response

19
20 a) No, the forecast 2009 capital expenditure does not take into account the potential
21 impact of the Green Energy Act. Depending upon when in 2009 the legislation is
22 passed and direction is provided, increased spending may be required in 2009 to
23 respond to the Green Energy Act.

24
25 b) The specific programs and projects where these dollars will be spent will be
26 explained in Hydro One’s next cost of service application being submitted later this
27 year. (See interrogatory response in Exhibit I, Tab 1, Schedule 2, part e)

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #1 List 1

Interrogatory

Ref: Exhibit B1/Tab3/Schedule 2/Table 1

Please update this table with an additional column containing 2008 actual costs.

Response

Please see interrogatory response in Exhibit I, Tab 3, Schedule 1.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #2 List 1

Interrogatory

Reference: Ref: Appendix B (Amended Filing Guidelines) to the Supplemental Report of the OEB on 3ed Generation Incentive Regulation for Electricity Distributors (EB-2007-0673).

Preamble: The Board guidelines for an incremental capital module in 3rd Generation IRM appear to set a standard of need that is higher than that required of a traditional cost of service application, where the standard may be more in the nature of simply establishing that a proposed expenditure is cost beneficial and prudent.

Please describe how Hydro One's capital planning and prioritization process for 2009 changed from that used to support a traditional cost of service application.

Response

Hydro One does not agree with the statement made in the Preamble to this interrogatory that the Board guidelines for the incremental capital module in 3rd generation IRM appear to set a higher standard of need than is normally required in a traditional cost of service proceeding. The Board's minimum filing requirements are prescriptive in terms of the level of detail required in support of cost of service submissions. In the case of 3GIRM the Board chose to identify three criteria for evaluating the submission of a capital adjustment module. Hydro One views these three criteria as being a subset of the Board's minimum filing requirements. Hydro One takes the same approach in justifying its capital expenditure irrespective of the form of regulatory mechanism for approving revenue requirement and setting just and reasonable rates. In this respect Hydro One did not change its capital planning and prioritization process for 2009.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #3 List 1

Interrogatory

Please describe how Hydro One's projected 2009 capital requirements reflect changes in drivers that have occurred with the economic downturn, such as reduced housing starts, plant closures, etc.

Response

Please refer to interrogatory response in Exhibit I, Tab 5, Schedule 8.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #4 List 1

Interrogatory

Ref: Exhibit B1/Tab 3/Schedule 3/page 6, line 23-25

Please provide the detailed rationale for the increased purchases of spare transformers in 2009 over 2008, including a discussion of additions and subtractions from this inventory in 2008.

Response

The rationale was based on the population of in-service transformers to defined quantities of spares required to sustain reliability based on delivery lead times for new transformers prior history of failures and spares inventory levels at the time that requirements were set within the given category.

It should be noted that the in-service distribution transformers consist of many different categories depending on their required design functions such as capacity, primary voltage rating, secondary voltage rating and the requirement for a tapchanger. The different ratings of transformers and regulators being purchased in 2009 are provided below:

	Mva	Voltage	Quantity
Transformer	7.5	27.6 -8.8/5.1	1
Transformer	7.5/10/12.5	115.5-13.2/7.6	1
Transformer	7.5/10/12.5	115.5-26.5/15.3	1
Transfomer	6	115.5-13.2/7.6	1
Regulator	25	44	2

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #5 List 1

Interrogatory

Ref: Ex B1/Tab 3/Sch3 - Sect 1.1.3 and 1.1.4

- a) Please identify the stations and schedules involved in these two programs.
- b) Also, please indicate if any of the stations in the plan for PCB elimination have measured concentrations of PCB in oil below 500ppm.

Response

- a) The following are distribution station projects under Section 1.1.3 scheduled for 2009:

- Red Lake DS
- Sioux Narrows DS
- Petawawa DS
- Navan DS
- Monteith DS
- Bolton Hardwick DS
- Owen Sound 16'th Ave DS
- Larder Lake DS

The following are distribution station projects under Section 1.1.4 scheduled for 2009:

- Alex East Boundry DS
- Cataraqui Twn Cn CDS
- Hanmer Keith DS
- Perrault Falls DS
- Pointe Au Baril DS

- b) None of the stations listed in a) above for Section 1.1.3 have measured concentrations of PCB in oil below 500ppm. All of the stations listed in a) above for Section 1.1.4 have measured concentrations of PCB in oil below 500ppm.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #6 List 1

Interrogatory

Ref: Ex B1/Tab 3/Sch3/Table 1 & P 17 - Line Projects

- a) Please provide information on the number of distribution submarine cable failures by year, since 2005.
- b) Please identify the expenditures by year for submarine cable replacement since 2005.
- c) Please provide age demographics for Hydro One's existing submarine cable population.
- d) Please identify the expected 2009 accomplishments for submarine cable replacements.

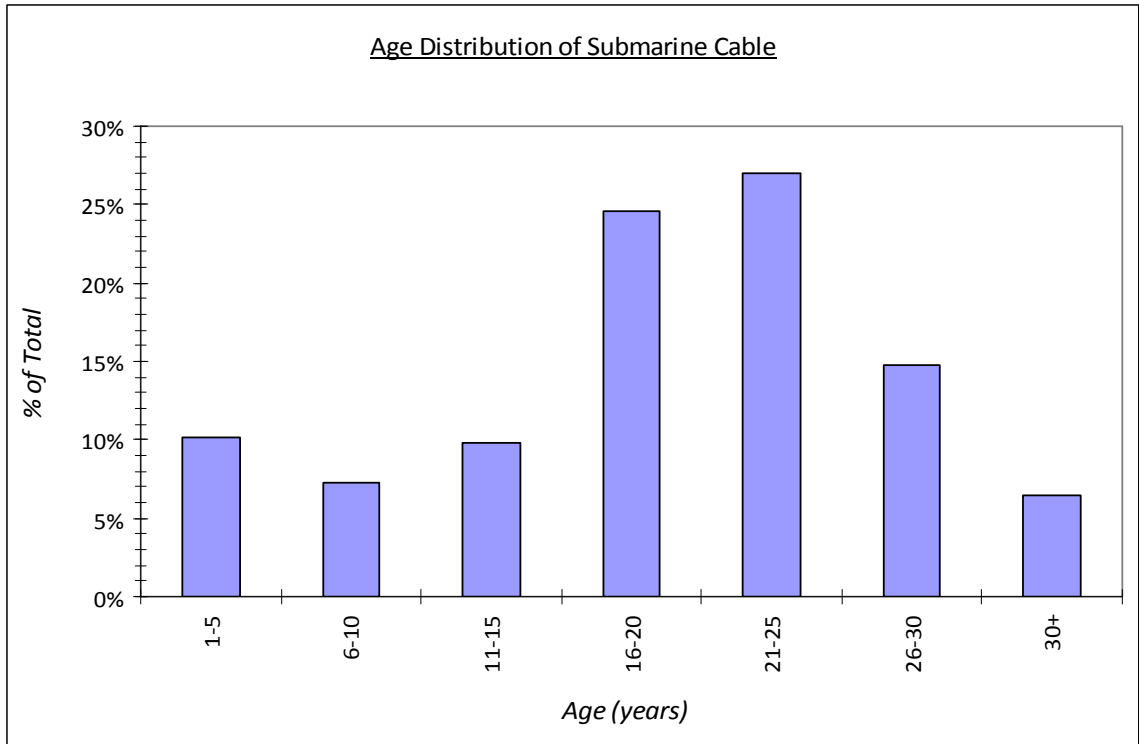
Response

a) Hydro One Distribution tracks cable failures based on power interruption events, which have varied between 50 and 100 in any given year. It is important to note that reliability or 'cable failure' is not the sole or primary driver for cable repairs and replacements as funded through Line Projects. As outlined in Investment Summary Document S7 (Exhibit B1, Tab 3, Schedule 7, page 13), safety is also an important consideration, as cable armour wire that has corroded causes a discontinuity of the grounding system and can result in a voltage hazard to the public at shorelines. As such, expenditures are not determined with exclusive reference to failure rates. Factors such as the condition of the overall cable plant and its armour wires are also considered.

b) Submarine cable replacement expenditures since 2005 are:

2005	2006	2007	2008 Planned
\$1.3M	\$1.9M	\$1.7M	\$1.3M

c) Demographics for Hydro One's existing submarine cable population are provided below:



d) The 2009 plan is to accomplish repairs and replacements at approximately 90 installations.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #7 List 1

Interrogatory

Ref: Ex B1/Tab3/Sch3/Page 18, lines 7-14.

The wording of this paragraph is a little unclear. Does the \$1.0M cost of this program for 2009 encompass replacing only the 100 distribution padmount transformers with PCB concentrations above 500ppm, or all 650 transformers noted with concentrations above 50ppm, or some other quantity?

Response

The 2009 cost of this program relates to the removal and disposal of the estimated 100 pad mounted transformers that are expected to contain > 500 ppm.

This is a subset of the estimated 650 transformers that are expected to contain > 50 ppm. This larger group of assets must be removed from service by the end of the year 2025.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #8 List 1

Interrogatory

Ref: Exhibit BI/Tab 3/Sch 4/Table 1

- a) Please provide either an estimate of the volume of new connections and upgrades in 2009 versus 2008, with reference to Hydro One's projections of the underlying activity drivers that generate the need for these increased expenditures in 2009 (e.g., housing starts, home renovation activity, business investment).
- b) Please provide information on the underlying customer activity drivers that generate reinforcement, and how these are expected to increase or the need for system capability decrease in 2009 over 2008.
- c) Please provide the actual quantities of generation connections in total at year end 2008, added in 2008 and the number of expected additions in 2009.

Response

- a) The current volume forecast is presented below.

	2008 Forecast	2009 Forecast
<i>New Connections (Volume)</i>	17,583	17,685
<i>Service Upgrades (Volume)</i>	4,745	4,791

Housing starts and business conditions affecting it, as measured by growth in Ontario GDP, are provide below.

	2008 Forecast	2009 Forecast
<i>Housing Starts (Volume)</i>	68,000	70,300

Demand for housing reflects an investment decision and, as such, is subject to a lagged response in relation to changes in business conditions. For example many houses are sold one or two years in advance and then built. On the average, there is also a 9-month lag between obtaining a building permit for a new house and finally building it. In view of this business-condition lag, Ontario GDP growth rates for two prior years would also be relevant. The GDP growth rate was 2.1% in 2006, and 2.0% in 2007.

b) The underlying activities that drive System Capability Reinforcement and the expected change between 2008 and 2009 are as follows:

- Increase in load growth has occurred over a period of time, and now that the load has reached equipment capacities, additions to the distribution system in the form of feeders or stations, or upgrading of existing facilities will be required. The additions to address load growth are not going to change significantly from 2008, as for the most part, the work in 2008 and 2009 responds to system growth that has already occurred.
- Changes in system loading can negatively impact power quality and system protections. System modifications are required to maintain voltage levels to within CSA standards and protections need to be modified to operate as required. Addressing these situations is on going and there is very little change between 2008 and 2009.
- Some investments are undertaken to improve customer reliability. Specifically for System Capability Reinforcement, these involve the installation of sectionalizers, monitoring of the system to provide quicker response and alteration in supply points to reduce line exposure and improve load transfer capabilities. A number of the reliability improvement initiatives are now identified under the Smart Grid, Exhibit B1, Tab 3, Section 7, page 19. As such the 2009 System Capability Reinforcement spending is lower than 2008.

c)

Year	Actual Number of Projects Connected
2004	12
2005	13
2006	36
2007	68
2008	61
Total (end of 2008)	190
Forecast / Planned Connections for 2009	112

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #9 List 1

Interrogatory

Ref: BI/Tab 3/Sch 4/Page 5, Section 1.4 (Smart Grid)

Ref: Appendix B (Amended Filing Guidelines) to the Supplemental Report of the OEB on 3rd Generation Incentive Regulation for Electricity Distributors (EB-2007-0673), Table 5 (Incremental Capital Investment Eligibility Criteria)

Preamble: The smart grid development appears to be a long term program that, if approved in this application, will require significant additional funding in later years. It should therefore be seen as important that it be justified up front as a long term program or project.

d) Please provide the detailed business case and long term program plan for the smart grid program, including a schedule of benefit achievement as well as costs.

e) Please discuss how Hydro One is planning to "provide communications technology", with respect to whether this is a service capability Hydro One is planning to develop internally or source from outside service providers.

f) Please explain how this investment meets the criteria established in the Board's filing guidelines.

Response

d) Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 6.

We agree that Smart Grid development will be a long term program but at this stage we are undertaking pilots. If the pilots are successful then a long range program will be developed. Further direction is also expected from the Green Energy Act.

e) Smart Meters and communication in customer homes for CDM tools is one aspect of communications sometimes referred to as local, home or community area network. Hydro One's selected AMI vendor utilizes an RF mesh technology that has bandwidth capable of supporting Smart Meters and a variety of in-home applications in this area.

Hydro One is also looking to leverage its expansive assets, both fibre network and towers, to expand its network reach (wide area network) to accommodate smart grid applications of the future. We have been working with other provincial utilities and Industry Canada to secure dedicated spectrum for critical infrastructure protection.

- 1 Once secured, we will use a combination of service providers and expansion of our
2 communications assets using wireless broadband to meet these future business needs.
3
4 f) The investment associated with smart grid development is part of the capital
5 expenditure forecast for 2009. Please refer to the interrogatory response Exhibit I,
6 Tab 1, Schedule 2, part b).
7

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #10 List 1

Interrogatory

Ref: Ex B1/Tab 3/ Sch 5. Sections 3.4,2.5, 3.6

Ref: Appendix B (Amended Filing Guidelines) to the Supplemental Report of the OEB
on 3rd Generation Incentive Regulation for Electricity Distributors (EB-2007-0673),
Table 5 (Incremental Capital Investment Eligibility Criteria)

- a) Please explain how these investments meet the criteria in Table 5 of the Board's
filing guidelines.

Response

The materiality threshold has been met as explained in Exhibit B1, Tab 3, Schedule 1,
Page 4, Lines 18 through 25. Please refer to interrogatory response in Exhibit I, Tab 3,
Schedule 14 for a discussion of the need and prudence criteria.

Association of Major Power Consumers in Ontario (AMPCO)
INTERROGATORY #11 List 1

Interrogatory

Ref: Exhibit BI/Tab3/Sch 6

Ref: Appendix B (Amended Filing Guidelines) to the Supplemental Report of the OEB on 3rd Generation Incentive Regulation for Electricity Distributors (EB-2007-0673), Table 5 (Incremental Capital Investment Eligibility Criteria)

- a) Please identify those costs in the Software Refresh and Maintenance budget that are for new software or initiatives, or for software that does not absolutely need to be replaced (i.e., replacement is discretionary in 2009).
- b) Please identify the portion of the development program budget that it being driven by the ORMS Mobile IT Integration program described in Ex BI/Tab3/Sch5/Sect3.5
- c) Please describe how Cornerstone Phase 3 meets the Board criteria in Table 5 of Appendix B, particularly with respect to explaining why this capital project is "nondiscretionary."
- d) Please provide the schedule of benefits realization for the Cornerstone projects.

Response

- a) Of the total 2009 budget for Software Refresh and Maintenance, 49% is refresh of existing infrastructure, 51% is new (e.g. investment in new technology for enhanced security infrastructure). No expenditures requested in the incremental capital module are deemed discretionary.
- b) The ORMS Mobile IT Integration program does not drive any portion of the development program.
- c) Hydro One Networks is a primary infrastructure build company in the Ontario marketplace. As outlined and defended in its EB-2008-0272 application in both written and oral evidence, Cornerstone Phase 3 is a key contributing factor in Hydro One Networks' ability to plan and execute both its Distribution and Transmission capital as well as OM&A work programs in 2010 and beyond. By any and all definitions, Cornerstone Phase 3 is clearly a non-discretionary program investment.

Phase 3 will enhance integrated planning by expanding Hydro One's SAP solution and integrating key systems/technologies and specialized packaged point solutions to

1 drive additional business value, improve end-to-end process efficiency and improve
2 Asset Lifecycle Management analytics/decisions. This includes adding SAP
3 functionality by turning on new SAP modules (including workflow for process
4 control); integrating specialized software applications for reliability centred
5 maintenance optimization and scheduling/dispatch; interfacing key enterprise systems
6 (e.g. GIS, operating, fleet, telecom, protection & control, etc); incorporating new
7 assets into the asset registry (e.g. IT assets, real estate assets, metering assets, etc);
8 deploying enterprise mobile strategy across the province; and consolidating end-user
9 databases.

10
11 Hydro One business information consists of many different components that reside in
12 many different sources even after completion of Phases 1 and 2. The key is to
13 integrate these sources to allow for asset and other business data to be captured once
14 and used consistently throughout the Company to provide asset and asset work
15 information from a variety of perspectives e.g. system performance, asset condition,
16 labour, cost (historical and forecasted), work accomplishment, performance and work
17 metrics, customer reliability, outage management, etc.

- 18
19 d) Please refer to interrogatory response in Exhibit I, Tab 3, Schedule 10, part d) for the
20 schedule of benefits.

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #1 List 1

Interrogatory

Reference: Exhibit B1, Tab 2, Schedule 1, page 5

Question:

- a) Distribution revenue is used to allocate the costs associated with Rate Rider 5-a and 5-b to customer classes. What is the basis for the revenue by classes that is used (i.e., how is it calculated)? If based on materials previously filed with the Board, please provide a reference. Otherwise, please show the derivation.

Response

- a) The Distribution revenue data was filed in Proceeding EB-2007-0681 as Exhibit G1, Tab 5, Schedule 1, Table 1. It is derived from applying the 2008 sale statistics, number of customers and consumption, to the marked up 2007 distribution rates, as explained in Exhibit H, Tab 12, Schedule 49, part c) of the same Proceeding.

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #2 List 1

Interrogatory

Reference: Exhibit B1, Tab 2, Schedule 1, pages 6-7

Question:

- a) As part of the 2008 rates, for residential customers in acquired LDCs with total bill increases of 15% Hydro One Networks limited the total bill increase to no more than \$3. Please identify those acquired LDCs where residential customers received the associated rebates for 2008 and the number of customers in each receiving a rebate.
- b) Were the bill impacts shown in Exhibit C, Tab 1, Schedules 3-6 calculated assuming that no customers received rebates in 2008? If yes, for each acquired LDC identified in part (a), please provide the range of bill impacts (equivalent to Schedule 6) that will be seen by those residential customers receiving rebates in 2008.

Response

- a) Please see Table 1 below.

Table 1: Average Bill Credit

Acquired LDC	Number of customers receiving credit	Average credit
Alisa Craig	17	\$ 0.85
Arkona	31	\$ 2.26
Arran-Elderslie	123	\$ 2.27
Bath	1	\$ 0.04
Blandford-Blenheim	8	\$ 0.63
Blyth	50	\$ 2.56
Brighton	45	\$ 0.47
Campbellford-Seymour	28	\$ 0.54
Centre Hastings	4	\$ 0.59
Chalk River	3	\$ 0.18
Champlain	105	\$ 1.10
Cobden	9	\$ 0.06
Fenelon Falls	168	\$ 4.81
Georgina	32	\$ 0.33
Kirkfield	8	\$ 2.64
Lanark Highlands	14	\$ 1.49

Acquired LDC	Number of customers receiving credit	Average credit
Latchford	3	\$ 0.07
Lucan Granton	9	\$ 0.43
Malahide	6	\$ 0.97
Marmora	10	\$ 0.45
North Dorchester	32	\$ 2.06
North Dundas	38	\$ 1.04
North Glengarry	146	\$ 1.96
North Stormont	59	\$ 2.90
Perth East	43	\$ 2.88
Quinte West	337	\$ 1.57
Ramara	8	\$ 2.47
Rockland	122	\$ 2.45
Russell	2	\$ 0.35
Severn	15	\$ 0.56
South Glengarry	25	\$ 1.28
Springwater	3	\$ 0.19
Stirling-Rawdon	2	\$ 0.22
Thorndale	20	\$ 3.10
Tweed	115	\$ 4.20
Wardsville	13	\$ 1.07
Woodville	31	\$ 3.74
Wyoming	15	\$ 0.68
Total	1700	\$ 2.02

b) Yes, the bill impacts shown in Exhibit C, Tab 1, and Schedules 3-6 assume that customers did not receive rebates in 2008.

The revised bill impacts resulting from including rebates received by residential customers are provided in Attachment 1. To estimate the new bill impacts, 1700 residential customers that received credits as part of 2008 Rates were grouped according to the OEB consumption classifications. The average credit amount was calculated for each LDC's consumption group and deducted from the 2008 total bill.

Filed: March 9, 2009
EB-2008-0187
Exhibit I-6-2
Attachment 1
Page 1 of 27

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

[illegible]

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + RM Incl Rate Riders										Non-Dx Component						Other Reg		New Reg		Commodity Bands					Existing				New																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Existing Dx Rates										Existing Dx New Rates				New Dx		RTSR old		RTSR new		WMSC old		WMSC new		DRC		TLF old		TLF new		\$		\$		5.6		6.5		Old		Total		Total \$		[\$(month)]		[\$(month)]		[\$(month)]		%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
New Class	Old Class	kWh	\$c/kWh	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	VarChg [cents]	[\$(month)]	\$c/kWh	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	Rider 5AB [cents]	VarChg [cents]	[\$(month)]	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

		Scenario	2008 Incl Rate Riders										2009 + IRRM Incl Rate Riders										Non-Dx Component										Other Reg	Other Reg	Commodity Bands				Existing		New		Incr	Incr					
			Existing Dx Rates										Existing New Dx Rates										New Dx										RTSR old	RTSR new	WMSC old	WMSC new	DRC	TLF old	TLF new	Band 1	Band 2	Old	New	Total Bill	Total Bill	Total Bill	Total Bill		
New Class	Old Class		kWh	\$/kWh	Rider4	base	Rider2	Rider3	Rider4	VarChg	\$/month	\$/kWh	Rider4	base	Rider2	Rider3	Rider4	Rider 5A/B	VarChg	\$/month	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	\$	\$	kWhs	kWhs	Total \$	Total \$	\$/month	\$/month	\$/month	%														
R1	Grand-Blenheim	100	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	16.90		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	20.48	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	15.19	15.19	41.82	46.44	4.61	11.9%												
		250	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	16.90		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	20.48	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	41.82	46.44	4.61	11.9%												
		500	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	16.90		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	20.48	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	69.77	75.97	6.20	9.7%												
		750	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	32.38		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	41.17	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	98.64	107.42	8.78	8.9%												
		1,000	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	39.58		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	49.25	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	128.52	139.39	10.87	8.8%												
		1,500	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	47.38		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	58.43	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	188.23	203.16	15.04	8.0%												
		2,000	13.60	0.78	2.200	0.330	(0.120)	0.110	2.52	64.78		16.13	0.78	2.827	0.330	(0.120)	0.110	0.087	3.23	68.60	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	248.07	267.27	21.21	7.7%												
R1	Blyth	100	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	13.65		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	17.98	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	20.13	26.56	6.43	31.9%												
		250	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	16.89		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	22.29	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	34.90	43.73	8.83	25.3%												
		500	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	22.29		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	29.47	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	64.58	72.35	7.77	12.0%												
		750	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	31.69		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	35.69	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	93.02	102.90	9.88	10.6%												
		1,000	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	33.09		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	35.63	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	122.03	133.96	11.93	9.8%												
		1,500	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	43.89		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	58.18	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	180.00	196.09	16.08	8.9%												
		2,000	10.71	0.78	1.900	0.270	(0.120)	0.110	2.16	54.79		14.33	0.78	2.525	0.270	(0.120)	0.110	0.087	2.87	72.54	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	237.98	258.21	20.24	8.5%												
R1	Bobcaygeon	100	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	18.71		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	21.46	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	27.17	30.04	2.87	10.6%												
		250	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	21.77		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	25.89	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	42.91	47.34	4.42	10.3%												
		500	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	25.87		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	30.87	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	69.76	76.17	6.41	9.1%												
		750	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	31.97		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	40.66	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	92.33	106.92	9.59	9.4%												
		1,000	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	37.07		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	48.05	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	126.01	138.19	12.17	9.7%												
		1,500	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	47.27		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	62.82	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	183.38	200.72	17.34	9.5%												
		2,000	15.89	0.78	1.950	0.100	(0.120)	0.110	2.04	57.47		17.73	0.78	2.777	0.100	(0.120)	0.110	0.087	2.95	77.59	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	240.76	263.26	22.51	9.3%												
R1	Brighton	100	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	16.49		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	19.93	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	24.58	28.51	3.93	16.0%												
		250	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	19.89		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	23.93	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	41.41	46.44	4.95	11.9%												
		500	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	25.39		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	31.99	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	66.28	74.88	7.20	10.6%												
		750	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	30.39		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	39.53	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	92.55	105.78	9.53	9.9%												
		1,000	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	36.39		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	46.06	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	125.33	137.20	11.87	9.5%												
		1,500	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	47.39		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	62.87	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	182.04	200.04	16.54	9.4%												
		2,000	13.61	0.78	2.100	0.110	(0.120)	0.110	2.20	58.39		16.14	0.78	2.827	0.110	(0.120)	0.110	0.087	3.01	77.21	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	241.68	262.88	21.21	8.8%												

Classes		Scenario	2008 Incl Rate Riders								2009 + IRM Incl Rate Riders							Non-Dx Component						Other Reg		Commodity Bands		Existing New		Incr						
			Existing Dx Rates				Existing Dx New Dx Rates				New Dx				RTSR old		RTSR new		WMSC new		DRC	TLF old	TLF new	Old	New	Band 1	Band 2	Total	New	Total	Incr	Total				
New Class	Old Class	kWh	\$/kCh [\$/kwh]	Rider4 [\$/kwh]	base [\$/kwh]	Rider2 [\$/kwh]	Rider4 [\$/kwh]	VarChg [\$/month]	\$/kCh [\$/kwh]	Rider4 [\$/kwh]	base [\$/kwh]	Rider2 [\$/kwh]	Rider4 [\$/kwh]	Rider 5AB [\$/kwh]	VarChg [\$/month]	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh		\$	\$	kWh	5.6	6.5	Total \$	Total \$	[\$/month]	[\$/month]	%	Total				
R1	Brockville	100	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	16.47	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	17.86	0.93	1.01	0.62	0.65	0.70	1.078	1.085	2.37	2.50	6.04	6.08	24.88	26.43	1.56	6.3%		
		250	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	16.47	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	17.86	0.93	1.01	0.62	0.65	0.70	1.078	1.085	5.93	6.25	15.09	15.47	3.82	2.5%				
		500	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	25.99	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	28.12	0.93	1.01	0.62	0.65	0.70	1.078	1.085	11.85	12.51	50.0	-	30.18	30.38	68.03	71.01	2.98	4.4%
		750	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	31.94	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	34.54	0.93	1.01	0.62	0.65	0.70	1.078	1.085	17.78	18.76	600	150	47.15	47.49	98.87	100.79	3.92	4.0%
		1,000	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	37.99	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	40.59	0.93	1.01	0.62	0.65	0.70	1.078	1.085	23.71	25.01	600	100	64.67	65.13	126.31	131.39	4.98	4.1%
		1,500	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	49.79	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	53.79	0.93	1.01	0.62	0.65	0.70	1.078	1.085	35.76	37.52	600	100	99.71	100.49	185.06	191.69	6.63	3.6%
		2,000	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	61.69	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	66.62	0.93	1.01	0.62	0.65	0.70	1.078	1.085	47.42	50.02	600	1,400	134.74	135.65	243.85	252.29	8.44	3.5%
R1	Caledon CH 02	100	16.71	0.78	2.000	0.080	(0.120)	0.110	2.07	19.56	18.37	0.78	2.878	0.080	(0.120)	0.110	0.087	3.03	22.18	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	28.02	30.76	2.74	9.8%
		250	16.71	0.78	2.000	0.080	(0.120)	0.110	2.07	22.67	18.37	0.78	2.878	0.080	(0.120)	0.110	0.087	3.03	26.74	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	43.81	48.48	4.37	10.0%
		500	16.71	0.78	2.000	0.080	(0.120)	0.110	2.07	27.84	18.37	0.78	2.878	0.080	(0.120)	0.110	0.087	3.03	34.32	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	70.13	77.21	7.08	10.1%
		750	16.71	0.78	2.000	0.080	(0.120)	0.110	2.07	33.02	18.37	0.78	2.878	0.080																						

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario	2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx Component						Other Reg		New Reg		Commodity Bands			Existing			Total			Incr									
			Existing Dx Rates					New Dx Rates					New Dx					RTSR old		RTSR new		WMSC old		WMSC new		DRC		TLF old		TLF new						5.6		6.5		Old		New		Total \$		Total \$		Incr		Incr	
New Class	Old Class	kWh	SrChgs [cents]	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	VarChg [cents]	\$[month]	SrChgs [cents]	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	Rider 5AB [cents]	VarChg [cents]	\$[month]	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	\$	\$	kWhs	Bands 2	Bands 6.5	Total \$	Total \$	\$[month]	\$[month]	Total Bill	Total Bill	%	%								
R1	Cavan-Milbrook-North Monaghan	100	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	20.54	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	22.34	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	29.00	30.92	1.92	6.6%															
		250	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	20.04	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	27.00	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	46.18	48.44	2.25	4.9%															
		500	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	32.54	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	34.75	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	74.83	77.64	2.81	3.8%															
		750	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	47.54	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	42.51	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	105.40	108.40	3.00	2.8%															
		1,000	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	47.54	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	50.78	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	136.48	140.40	3.92	2.9%															
		1,500	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	62.54	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	65.78	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	100	100.39	100.39	196.65	203.68	5.03	2.5%															
2,000	16.76	0.78	2.610	0.400	(0.120)	0.110	3.00	77.54	18.46	0.78	2.625	0.400	(0.120)	0.110	0.087	3.10	81.19	0.93	1.01	0.62	0.65	0.70	1.085	1.085	45.74	50.02	600	1,400	135.65	135.65	260.83	266.96	6.14	2.4%																	
R1	Centre Hastings	100	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	16.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	19.72	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	24.24	28.30	4.06	16.8%															
		250	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	16.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	23.97	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	46.18	48.44	2.25	4.9%															
		500	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	24.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	31.05	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	66.66	73.94	7.28	10.9%															
		750	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	29.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	38.14	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	94.73	103.39	9.66	10.2%															
		1,000	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	34.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	45.22	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	123.31	135.35	12.04	9.8%															
		1,500	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	49.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	59.38	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	100	100.39	100.39	180.80	191.28	10.49	5.8%															
2,000	13.59	0.78	1.900	0.110	(0.120)	0.110	2.00	54.37	16.11	0.78	2.646	0.110	(0.120)	0.110	0.087	2.83	73.54	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	237.66	259.22	21.56	9.1%																	
R1	Chalk River	100	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	19.80	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	21.85	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	28.08	30.43	2.35	8.4%															
		250	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	24.33	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	26.54	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	45.47	47.98	2.50	5.5%															
		500	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	31.88	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	34.84	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	74.17	77.23	3.06	4.1%															
		750	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	46.98	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	49.06	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	94.73	103.39	8.66	9.4%															
		1,000	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	46.98	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	49.06	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	135.92	140.07	4.17	3.1%															
		1,500	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	62.08	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	65.57	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	100	100.39	100.39	198.19	203.47	5.28	2.7%															
2,000	16.00	0.78	2.610	0.420	(0.120)	0.110	3.02	77.18	17.95	0.78	2.625	0.420	(0.120)	0.110	0.087	3.12	81.18	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	260.47	266.65	6.39	2.5%																	
R1	Champlain	100	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	15.82	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	19.48	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	23.18	26.06	4.38	21.1%															
		250	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	19.00	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	23.88	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	40.14	45.32	5.18	12.9%															
		500	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	29.77	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	35.00	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	69.10	75.11	11.39	15.1%															
		750	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	29.60	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	38.88	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	94.96	104.80	9.84	10.4%															
		1,000	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	34.90	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	45.87	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	123.84	136.04	12.17	9.8%															
		1,500	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	49.90	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	60.81	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	100	100.39	100.39	191.61	195.39	35.73	18.2%															
2,000	12.92	0.78	1.900	0.230	(0.120)	0.110	2.12	56.10	15.77	0.78	2.625	0.230	(0.120)	0.110	0.087	2.93	75.20	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	239.34	260.87	21.49	9.0%																	

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										New Dx										Non-Dx Component				Other Reg		Other Reg		Commodity Bands				Existing			
New Class	Old Class	kWh	\$rChg (\$cent)	Rider4 (\$cent)	base (\$cent)	Rider2 (\$cents)	Rider3 (\$cents)	Rider4 (\$cents)	VarChg (\$[month])	\$[month]	\$Cchrg (\$cent)	Rider4 (\$cents)	base (\$cents)	Rider2 (\$cents)	Rider3 (\$cents)	Rider4 (\$cents)	Rider 5AB (\$cents)	VarChg (\$[month])	\$[month]	cKWh	cKWh	cKWh	cKWh	cKWh	TLF new	TLF new	\$	\$	kWhs	Bands 2	Bands 6.5	Total \$	Total \$	\$[month]	\$[month]	Total \$	Total \$	%											
R1	Coldben	100	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	19.03	0.31	2.625	0.410	(0.120)	0.110	0.087	3.11	21.31	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	27.42	29.89	2.47	6.01%														
		250	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	23.55	17.42	2.625	0.410	(0.120)	0.110	0.087	3.11	25.98	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.96	6.25	250	-	15.19	15.19	44.69	47.42	2.73	3.1%														
		500	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	31.07	17.42	2.625	0.410	(0.120)	0.110	0.087	3.11	33.76	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	150	30.38	30.38	73.36	76.65	3.29	4.4%														
		750	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	37.42	17.42	2.625	0.410	(0.120)	0.110	0.087	3.11	41.54	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	104.86	108.84	3.79	4.4%														
		1,000	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	46.12	17.42	2.625	0.410	(0.120)	0.110	0.087	3.11	49.32	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	135.06	139.40	4.40	3.3%														
		1,500	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	61.17	17.42	2.625	0.410	(0.120)	0.110	0.087	3.11	64.89	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	197.28	202.79	5.51	2.8%														
2,000	15.24	0.78	2.610	0.410	(0.120)	0.110	3.01	76.22	17.42	2.625	0.410	(0.120)	0.110	0.087	3.11	80.45	0.93	1.01	0.62	0.65	0.70	1.085	1.085	45.64	50.02	600	1,400	135.65	135.65	259.51	266.12	6.62	2.5%																
R1	Deep River	100	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	20.98	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	22.40	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	29.44	30.98	1.54	5.2%														
		250	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	26.67	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	28.15	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.96	6.25	250	150	15.19	15.19	49.27	51.87	2.67	4.1%														
		500	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	32.38	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	34.40	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	74.67	77.10	2.43	3.3%														
		750	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	39.51	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	41.97	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	104.86	107.85	2.98	2.8%														
		1,000	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	46.83	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	48.97	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	135.57	138.11	3.54	2.6%														
		1,500	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	61.67	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	63.74	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	197.28	202.79	5.51	2.8%														
2,000	17.35	0.78	2.610	0.250	(0.120)	0.110	2.85	75.13	18.67	2.625	0.250	(0.120)	0.110	0.087	2.95	78.86	0.93	1.01	0.62	0.65	0.70	1.085	1.085	45.64	50.02	600	1,400	135.65	135.65	258.24	261.77	5.76	2.2%																
R1	Deseronto	100	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	17.37	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	20.29	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	25.83	28.87	3.04	11.8%														
		250	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	20.82	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	24.35	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.96	6.25	250	-	15.19	15.19	41.96	46.26	4.29	10.2%														
		500	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	26.87	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	32.82	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	150	30.38	30.38	68.86	75.24	6.38	9.3%														
		750	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	32.02	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	39.89	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	104.86	114.14	8.79	14.6%														
		1,000	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	38.07	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	42.50	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	127.01	137.56	10.55	8.3%														
		1,500	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	49.57	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	67.42	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	185.68	200.40	14.72	7.9%														
2,000	14.29	0.78	2.200	0.110	(0.120)	0.110	2.30	61.07	16.50	2.827	0.110	(0.120)	0.110	0.087	3.01	77.57	0.93	1.01	0.62	0.65	0.70	1.085	1.085	45.64	50.02	600	1,400	135.65	135.65	244.36	263.24	18.89	7.7%																
R1	Dryden	100	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	18.06	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	18.89	0.93	1.01	0.62	0.65	0.70	1.078	1.085	2.37	2.50	100	-	6.04	6.06	26.47	27.46	1.00	3.8%														
		250	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	21.75	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	22.72	0.93	1.01	0.62	0.65	0.70	1.078	1.085	5.93	6.25	250	-	15.09	15.19	42.77	44.16	1.19	3.3%														
		500	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	25.53	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	28.11	0.93	1.01	0.62	0.65	0.70	1.078	1.085	11.85	12.51	500	150	30.38	30.38	69.04	72.90	3.82	2.9%														
		750	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	34.05	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	35.50	0.93	1.01	0.62	0.65	0.70	1.078	1.085	17.93	18.76	600	150	47.15	47.49	99.98	107.15	7.27	2.8%														
		1,000	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	40.20	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	41.89	0.93	1.01	0.62	0.65	0.70	1.078	1.085	23.71	25.01	600	400	64.67	65.13	128.58	132.03	4.31	2.7%														
		1,500	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	53.92	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	54.62	0.93	1.01	0.62	0.65	0.70	1.078	1.085	35.50	37.52	600	900	100.39	100.39	187.77	193.59	4.81	2.6%														
2,000	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	64.80	15.53	2.880	0.180	(0.110)	0.130	0.074	2.56	67.45	0.93	1.01	0.62	0.65	0.70	1.078	1.085	45.62	50.02	600	1,400	134.74	135.65	246.82	253.12	6.37	2.5%																

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx. Component										Other Reg		Other Reg		Commodity Bands		Existing		Total		Incr		Total			
				Existing Dx Rates										Existing Dx New Rates										New Dx														5.6		6.5		Old		New		Incr		Incr	
New Class	Old Class	kWh	ScChg (\$/kWh)	Rider4 (\$/kWh)	base (\$/kWh)	Rider2 (\$/kWh)	Rider3 (\$/kWh)	Rider4 (\$/kWh)	VarChg (\$/month)	ScChg (\$/month)	Rider4 (\$/kWh)	base (\$/kWh)	Rider2 (\$/kWh)	Rider3 (\$/kWh)	Rider4 (\$/kWh)	Rider 5AB (\$/kWh)	VarChg (\$/month)	(\$/month)	RTSR old c/kWh	RTSR new c/kWh	WMSC old c/kWh	WMSC new c/kWh	DRC c/kWh	TLF old c/kWh	TLF new c/kWh	\$	\$	kWhs	kWhs	Total \$	Total \$	(\$/month)	(\$/month)	Total (\$/month)	Total (\$/month)	%	%												
R1	Dundalk	100	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	18.99	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	21.54	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.38	2.50	100	-	6.08	6.08	27.45	30.12	2.67	9.0%	9.0%												
		250	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	22.47	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	26.10	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	43.61	47.14	3.52	3.2%	3.2%												
		500	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	28.27	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	33.68	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	30.38	30.38	70.56	76.57	6.01	8.5%	8.5%													
		750	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	32.07	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	41.78	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	99.43	107.52	8.09	13.1%	13.1%												
		1,000	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	39.87	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	48.85	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	128.81	138.98	10.18	7.9%	7.9%												
		1,500	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	51.47	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	60.45	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	187.58	201.93	14.35	7.5%	7.5%												
		2,000	15.89	0.78	2,200	0.130	(0.120)	0.110	2.32	63.07	17.73	0.78	2,827	0.130	(0.120)	0.110	0.087	3.03	79.20	0.93	1.01	0.62	0.65	0.70	1.085	1.085	45.74	50.02	600	1,400	135.65	135.65	246.36	264.87	18.52	7.5%	7.5%												
R1	Durham	100	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	20.85	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	22.50	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	29.31	31.08	1.77	6.0%	6.0%												
		250	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	25.03	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	26.96	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	43.61	47.14	3.52	3.2%	3.2%												
		500	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	31.45	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	33.40	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	73.74	77.08	3.34	4.5%	4.5%												
		750	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	38.08	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	41.05	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	103.43	107.96	4.32	4.2%	4.2%												
		1,000	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	44.70	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	48.81	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	133.64	138.95	5.30	4.0%	4.0%												
		1,500	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	56.80	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	63.45	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	194.69	205.13	10.44	5.2%	5.2%												
		2,000	17.42	0.78	2,500	0.160	(0.120)	0.110	2.65	71.20	18.80	0.78	2,686	0.160	(0.120)	0.110	0.087	2.92	78.04	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	246.36	264.87	18.52	7.5%	7.5%												
R1	Eganville	100	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	18.54	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	20.63	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	27.00	29.21	2.21	8.2%	8.2%												
		250	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	22.62	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	24.87	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	43.76	46.31	2.51	3.1%	3.1%												
		500	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	29.42	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	31.92	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	30.38	30.38	71.71	74.81	3.10	4.3%	4.3%													
		750	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	36.22	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	38.92	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	103.43	107.96	4.32	4.2%	4.2%												
		1,000	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	43.02	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	46.03	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	131.96	138.17	4.21	3.2%	3.2%												
		1,500	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	56.62	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	60.15	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	192.73	198.05	5.25	2.9%	2.9%												
		2,000	15.04	0.78	2,610	0.120	(0.120)	0.110	2.72	70.22	17.03	0.78	2,625	0.120	(0.120)	0.110	0.087	2.82	74.26	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	253.51	259.93	6.43	2.5%	2.5%												
R1	Erie	100	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	19.01	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	21.27	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	27.47	29.85	2.38	8.7%	8.7%												
		250	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	23.51	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	25.93	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	44.65	47.37	2.71	6.1%	6.1%												
		500	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	31.01	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	34.01	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	30.38	30.38	72.27	75.57	3.27	3.9%	3.9%													
		750	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	38.51	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	41.44	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	103.87	107.69	3.82	3.7%	3.7%												
		1,000	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	46.01	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	49.19	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	134.95	139.33	4.38	3.2%	3.2%												
		1,500	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	61.01	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	64.31	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	195.23	202.61	5.38	2.9%	2.9%												
		2,000	15.23	0.78	2,610	0.400	(0.120)	0.110	3.00	67.01	17.39	0.78	2,625	0.400	(0.120)	0.110	0.087	3.10	70.22	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	259.30	268.88	9.58	2.5%	2.5%												

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders												2009 + IBM Incl Rate Riders				Non-Dx Component								Other Reg		Other Reg		Commodity Bands		Existing		New		Incr		Incr													
																				RTSR old								RTSR new												Band 1		Band 2		Total		Total		Total		Total		%	
New Class	Old Class	kWh	\$/kWh	Rider4	base	Rider2	Rider3	Rider4	VarChg	\$/month	\$/kWh	Rider4	base	Rider2	Rider3	Rider4	Rider SAB	VarChg	\$/month	ckWh	ckWh	WMSOC	WMSOC new	DRC	TUF old	TUF new	\$	\$	kWhs	kWhs	Total	Total	\$/month	\$/month	%																		
R1	Exeter	100	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	19.75	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	22.90	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.38	6.25	250	-	6.08	6.08	28.21	30.88	2.67	9.5%																	
		250	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	23.11	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	26.36	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.95	6.25	100	-	15.19	15.19	44.25	48.41	4.15	9.4%																	
		500	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	28.71	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	34.77	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	71.00	77.61	6.61	9.3%																	
		750	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	34.31	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	42.49	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	108.67	108.67	60.70	9.1%																	
		1,000	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	39.91	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	50.25	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	128.81	140.39	11.53	9.0%																	
		1,500	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	51.11	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	61.77	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.64	600	900	100.39	100.39	187.22	203.68	16.45	8.8%																	
2,000	16.73	0.78	2.100	0.150	(0.120)	0.110	2.24	62.31	18.42	0.78	2.878	0.150	(0.120)	0.110	0.087	3.10	81.60	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	245.60	266.97	21.38	7.7%																			
R1	Fenelon Falls	100	9.99	0.78	1.600	0.080	(0.120)	0.110	1.67	12.44	13.88	0.78	2.100	0.080	(0.120)	0.110	0.087	2.26	16.92	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	18.62	25.49	6.87	36.9%																	
		250	9.99	0.78	1.600	0.080	(0.120)	0.110	1.67	14.06	13.88	0.78	2.100	0.080	(0.120)	0.110	0.087	2.26	18.56	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.95	6.25	100	-	15.19	15.19	44.25	47.75	3.57	21.4%																	
		500	9.99	0.78	1.600	0.080	(0.120)	0.110	1.																																												

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario										2008 IRM Rate Riders										2009 + IRM Ind Rate Riders										Non-Dx Component										Other Reg		Other Reg		Commodity Bands				Existing		New		Incr		Incr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		Existing Dx Rates					New Dx Rates					Existing Dx					New Dx					RTSR old		RTSR new		WMSC new		DRC		TLF old		TLF new		Old		New		Band 1		Band 2		Old		New		Total Bill		Total Bill		Incr		Incr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
New Class	Old Class	kWh	\$c/kWh	Rider#	base [\$/kWh]	Rider#	Rider#	Rider#	VariChg [\$/month]	\$c/kWh	Rider#	base [\$/kWh]	Rider#	Rider#	Rider#	Rider#	VariChg [\$/month]	[\$/month]	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx Component						Other Reg		Other Reg		Commodity Bands				Existing		New		Incr		Incr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Existing Dx Rates				Existing						New Dx Rates						RTSR old		RTSR new		WMSDC old		WMSDC new		DRC		TLF old		TLF new						Band 2		Band 5		Band 6		Total \$		Total \$		Total \$		Total \$		Total \$		%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
New Class	Old Class	kWh	\$c/kWh (\$cont)	Rider4 (\$cont)	basse (\$cont)	Rider2 (\$cont)	Rider3 (\$cont)	Rider4 (\$cont)	VArChg (\$[month])	S(\$[month])	\$c/kWh (\$cont)	Rider4 (\$cont)	basse (\$cont)	Rider2 (\$cont)	Rider3 (\$cont)	Rider4 (\$cont)	Rider SAB (\$[year])	VArChg (\$[month])	S(\$[month])	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	\$	\$	kW/hrs	kW/hrs	Totals \$	Total \$	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/kwh]	[\$/

Classes		Scenario		2008 Inc Rate Riders								2009 + IRM Inc Rate Riders								Non-Dx Component										Other Reg		Other Reg		Commodity Bands				Existing		New		Inc		Inc									
		Existing Dx Rate Raters								Existing Dx New Dx Rates								New Dx				RTSR old		RTSR new		WMSC new		DRC		TLF old		TLF new		Old		New		Band 1		Band 2		Old		New		Total		Total		Inc		Inc	
New Class	Old Class	kWh	ScChg	Rider4	base	Rider2	Rider4	Rider4	VarChg	\$[month]	ScChg	Rider4	base	Rider2	Rider3	Rider4	Rider 5AB	VarChg	\$[month]	cKWh	cKWh	cKWh	cKWh	cKWh	cKWh	\$	\$	kWh	5.6	kWh	6.5	Total	Total	\$[month]	\$[month]	\$[month]	\$[month]	%	%	Total	Total	%	%										
		[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/month]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/month]	0.93	0.93	0.93	0.93	0.93	0.93			100	-	15.19	-	6.08	6.08	27.39	29.81	2.42	2.42	8.8%	8.8%	250	-	15.19	-	47.40	47.40	2.39	2.39	15.0%	15.0%				
R1	Latchford	100	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	19.01	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	21.23	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	27.39 <td>29.81<td>2.42<td>2.42<td>8.8%<td>8.8%</td></td></td></td></td>	29.81 <td>2.42<td>2.42<td>8.8%<td>8.8%</td></td></td></td>	2.42 <td>2.42<td>8.8%<td>8.8%</td></td></td>	2.42 <td>8.8%<td>8.8%</td></td>	8.8% <td>8.8%</td>	8.8%															
		250	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	19.01	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	21.23	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	15.19	-	47.40 <td>47.40</td> <td>2.39<td>2.39<td>15.0%<td>15.0%</td></td></td></td>	47.40	2.39 <td>2.39<td>15.0%<td>15.0%</td></td></td>	2.39 <td>15.0%<td>15.0%</td></td>	15.0% <td>15.0%</td>	15.0%															
		500	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	31.21	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	33.84	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	73.50	76.73	3.23	3.44	4.4% <td>4.4%</td>	4.4%															
		750	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	38.84	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	41.72	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	104.19	107.98	3.78	3.86	3.6%	3.6%															
		1,000	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	46.46	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	49.65	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.39	25.01	600	150	56.13	56.13	135.39	139.24	3.24	3.24	2.4% <td>2.4%</td>	2.4%															
		1,500	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	61.71	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	65.37	0.93	1.01	0.62	0.65	0.70	1.085	1.085	37.73	37.52	600	900	100.39	100.39	197.82	203.77	5.45	2.68	2.6%	2.6%															
		2,000	15.18	0.78	2,610	0.450	(0.120)	0.110	3.05	76.96	17.30	0.78	2,625	0.450	(0.120)	0.110	0.087	3.15	81.13	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	260.25	266.80	6.56	2.56	2.5%	2.5%															
R1	Lindsay	100	15.42	0.80	2,260	0.140	(0.110)	0.130	2.42	18.64	15.77	0.80	2,282	0.140	(0.110)	0.130	0.074	2.52	19.09	0.93	1.01	0.62	0.65	0.70	1.078	1.085	2.37	2.50	100	-	6.04	6.08	27.05	27.66	0.62	2.35	2.3%	2.3%															
		250	15.42	0.80	2,260	0.140	(0.110)	0.130	2.42	22.27	15.77	0.80	2,282	0.140	(0.110)	0.																																					

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

[illegible]

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes				Scenario	2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx Component										Other Reg	Other Reg	Commodity Bands				Existing New Incr Incr			
					Existing Dx Rates					Existing Dx Rates					New Dx					RTSR old	RTSR new	WMSMC old	WMSMC new	DRC	TLF old	TLF new	Old	New	Band 1	Band 2	Old	New	Total Bill	Total Bill	Total Bill	Total Bill								
					kWh	StChg	Rider4	base	Rider2	Rider3	Rider4	VarChg	StChg	Rider4	base	Rider2	Rider3	Rider4	Rider 5AB	VarChg	[\$/month]	kWh	kWh	kWh	kWh	kWh																		
					[\$/kWh]	[\$/month]	[\$/month]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/month]	[\$/kWh]	[\$/kWh]	[\$/month]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/kWh]	[\$/month]	[\$/month]	[\$/month]						\$																	

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario										2008 Incr Rate Riders										2009 + IRM Incr Rate Riders										Non-Dx Component										Other Reg		Other Reg		Commodity Bands				Existing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Scenario		Existing Dx Rates				2008 Incr Rate Riders						Existing New Dx Rates				New Dx						RTSR old		RTSR new		WMSC old		WMSC new		DRC		TLF old		TLF new		Other Reg		Other Reg		Band 2		Band 5		New		Total		Total		Total		Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
New Class	Old Class	kWh	\$c/kWh	Rider4	base	Rider2	Rider3	Rider4	VarChg	(\$/month)	\$c/kWh	Rider4	base	Rider2	Rider3	Rider4	Rider SAB	VarChg	(\$/month)	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	\$	\$	kWh	5.6	6.5	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total \$	Total 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Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

[illegible]

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incr Rate Riders										2009 + IRM Incr Rate Riders										Non-Dx Component						Other Reg		Other Reg New		Commonly Banded			Existing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates				Existing Dx Rates			

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Inc'd Rate Riders								2009 + IRM Inc'd Rate Riders								Non-Dx Component						Other Reg New		Other Reg New		Commodity Bands				Existing Total		New Total		Inc'r Total		Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Existing Dx Rates						Existing Dx Rates						Existing Dx Rates				Existing Dx Rates						RTSR old		RTSR new		WMSDC old		WMSDC new		DRC		TLF old		TLF new								Band 2		Band 5.6		Old		New																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + IBM Incl Rate Riders						Non-Dx Component							Other Reg		Other Reg		Community Bands			Existing			New			Incr			Incr																												
				Existing Dx Rates										Existing Dx New Rates						New Dx							RTSR old							RTSR new											5.6			6.5			Total \$			Total \$			Total \$			Total \$			Total \$			Total \$			Total \$		
New Class	Old Class	kWh	\$rChg [cents]	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	VarChg [cents]	\$[month]	\$rChg [cents]	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	Rider SAB [cents]	VarChg [cents]	\$[month]	cKwH	cKwH	wMScH	wMScH new	DRC	TUF old	TUF new			\$	\$	kW/h	kW/h	Total \$	Total \$	\$[month]	\$[month]	\$[month]	%	Total \$	Total \$	\$[month]	%																													
R1	Schreiber	100	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	21.25	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	22.74	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	29.71	31.32	1.61	5.4%																																			
		250	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	25.81	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	27.46	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	46.95	48.90	1.94	4.1%																																			
		500	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	33.41	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	35.31	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	75.70	79.20	2.50	3.3%																																			
		750	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	41.01	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	43.17	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	106.37	109.42	3.05	2.9%																																			
		1,000	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	48.61	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	51.02	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	137.55	141.66	3.61	2.6%																																			
		1,500	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	63.81	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	66.45	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.62	600	900	100.39	100.39	199.92	204.64	4.72	2.2%																																			
2,000	17.43	0.78	2.610	0.440	(0.120)	0.110	3.04	79.01	18.82	0.78	2.625	0.440	(0.120)	0.110	0.087	3.14	82.74	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.62	600	1,400	135.65	135.65	262.30	268.12	5.83	2.2%																																					
R1	Severn	100	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	16.05	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	19.60	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	23.95	28.18	4.23	17.7%																																			
		250	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	19.67	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	23.22	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	46.95	48.90	1.94	4.1%																																			
		500	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	25.69	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	33.60	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	67.98	75.18	7.21	10.6%																																			
		750	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	31.72	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	40.23	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	106.37	109.42	3.05	2.9%																																			
		1,000	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	37.74	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	44.04	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	137.55	141.66	3.61	2.6%																																			
		1,500	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	49.79	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	64.04	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.62	600	900	100.39	100.39	199.92	204.64	4.72	2.2%																																			
2,000	12.86	0.78	2.100	0.320	(0.120)	0.110	2.41	61.84	15.65	0.78	2.777	0.320	(0.120)	0.110	0.087	3.17	79.91	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.62	600	1,400	135.65	135.65	262.30	268.12	5.83	2.2%																																					
R1	Shelburne	100	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	19.33	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	21.62	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	27.79	30.20	2.41	8.7%																																			
		250	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	23.20	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	26.04	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	44.34	47.48	3.14	6.0%																																			
		500	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	29.65	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	33.33	0.93	1.01	0.62	0.65	0.70	1.085	1.085	11.91	12.51	500	-	30.38	30.38	71.94	76.28	4.34	7.0%																																			
		750	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	35.10	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	40.01	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	106.37	109.42	3.05	2.9%																																			
		1,000	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	42.55	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	48.11	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	137.55	141.66	3.61	2.6%																																			
		1,500	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	55.45	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	62.83	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.62	600	900	100.39	100.39	199.92	204.64	4.72	2.2%																																			
2,000	15.97	0.78	2.450	0.140	(0.120)	0.110	2.58	68.35	17.90	0.78	2.726	0.140	(0.120)	0.110	0.087	2.94	77.59	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.62	600	1,400	135.65	135.65	262.30	268.12	5.83	2.2%																																					
R1	Smiths Falls	100	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	16.47	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	17.55	0.93	1.01	0.62	0.65	0.70	1.078	1.085	2.37	2.50	100	-	6.04	6.04	24.88	26.26	1.39	5.6%																																			
		250	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	20.15	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	21.51	0.93	1.01	0.62	0.65	0.70	1.078	1.085	5.93	6.25	250	-	15.09	15.09	41.16	42.95	1.78	4.3%																																			
		500	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	24.07	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	27.87	0.93	1.01	0.62	0.65	0.70	1.078	1.085	11.85	12.51	500	-	30.18	30.18	67.76	71.45	3.67	6.4%																																			
		750	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	32.40	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	34.34	0.93	1.01	0.62	0.65	0.70	1.078	1.085	17.78	18.76	600	150	47.15	47.49	97.33	100.49	3.16	3.2%																																			
		1,000	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	38.52	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	40.60	0.93	1.01	0.62	0.65	0.70	1.078	1.085	23.71	25.01	600	400	64.67	65.13	126.90	130.74	3.84	3.0%																																			
		1,500	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	48.22	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	52.77	0.93	1.01	0.62	0.65	0.70	1.078	1.085	35.66	37.52	600	900	100.39	100.39	199.92	204.64	4.72	2.2%																																			
2,000	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	63.02	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	66.06	0.93	1.01	0.62	0.65	0.70	1.078	1.085	47.24	50.62	600	1,400	134.74	135.65	245.18	251.73	6.56	2.7%																																					

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx Component						Other Reg		New Reg		Commodity Bands		Existing		New		Incr		Incr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Existing Dx Rates					2008 Incl Rate Riders					Existing Dx New Rates					New Dx					RTSR old		RTSR new		WMSC old		WMSC new		DRC		TLF old		TLF new		Other Reg		New Reg		5.6		6.5		Total \$		Total \$		[\$/month]		[\$/month]		[\$/month]		%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
New Class	Old Class	kWh	\$rChgs (\$cent)	Rider4 (\$cent)	base (\$cent)	Rider2 (\$cent)	Rider3 (\$cent)	Rider4 (\$cent)	VarChg (\$[month])	\$[month]	\$Cchgs (\$cent)	Rider4 (\$cent)	base (\$cent)	Rider2 (\$cent)	Rider3 (\$cent)	Rider4 (\$cent)	Rider 5AB (\$cent)	VarChg (\$[month])	\$[month]	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cKwH	cK

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders										2009 + IBM Incl Rate Riders										Non-Dx Component						Other Reg		New Reg		Commodity Bands		Existing		Total		Incr		Incr																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Existing Dx Rates										Existing Dx New Rates										New Dx						RTSR old		RTSR new		WMSC old		WMSC new		DRC		TUF old		TUF new		Other Reg		New Reg		5.6		6.5		Total \$		Total \$		[\$/month]		[\$/month]		[\$/month]		%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
New Class	Old Class	kWh	\$rChg [cents]	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	VarChg [cents]	[\$/month]	\$rChg [cents]	Rider4 [cents]	base [cents]	Rider2 [cents]	Rider3 [cents]	Rider4 [cents]	Rider SAB [cents]	VarChg [cents]	[\$/month]	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKwHk	cKw

Classes			Scenario	2008 Incl Rate Riders								2009 + IRM Incl Rate Riders								Non-Dx Component																Commodity Bands				Existing New				Incl New																																					
				Existing Dx Rates								Existing Dx New Dx Rates								New Dx								RTSR old								RTSR new WMSC old								WMSC new								DRC				TLF old				TLF new				Old Reg		New Reg		Band 1		Band 2		New		Total		Total		Incl		Incl	
New Class	Old Class	kWh	\$[Cch]	Riderd1 [kA/W]	base [kA/W]	Rider2 [kA/W]	Rider3 [kA/W]	Rider4 [kA/W]	VaRCh [\$/month]	\$[month]	\$[Cch]	Riderd1 [kA/W]	base [kA/W]	Rider2 [kA/W]	Rider3 [kA/W]	Rider4 [kA/W]	Rider S&B [kA/W]	VaRCh [\$/month]	\$[month]	cA/W	cA/W	cA/W	cA/W	cA/W	\$	\$	kWhs	s.6	kWhs	s.6.5	Total \$	Total \$	\$[month]	\$[month]	\$[month]	%	Total Bill	Total Bill	Incl	Incl																																									
R1	Tweed	100	8.39	0.78	2.000	0.370	(0.120)	0.110	2.36	11.53	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	16.45	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.38	2.50	100	-	6.08	6.08	17.60	25.07	7.42	42.9%																																													
		250	8.39	0.78	2.000	0.370	(0.120)	0.110	2.36	15.07	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	20.93	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	32.63	42.37	9.74	29.2%																																													
		500	8.39	0.78	2.000	0.370	(0.120)	0.110	2.36	20.93	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	28.42	0.93	1.01	0.62	0.65	0.70	1.085	1.085	6.11	11.91	500	-	30.38	30.38	65.12	72.55	14.65	20.3%																																													
		750	8.39	0.78	2.000	0.370	(0.120)	0.110	2.36	26.87	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	35.86	0.93	1.01	0.62	0.65	0.70	1.085	1.085	17.86	18.76	600	150	47.49	47.49	92.23	103.47	19.89	9.0%																																													
		1,000	8.39	0.78	2.000	0.370	(0.120)	0.110	2.36	32.77	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	43.33	0.93	1.01	0.62	0.65	0.70	1.085	1.085	23.82	25.01	600	400	65.13	65.13	121.71	132.47	11.75	9.7%																																													
		1,500	1.59	0.78	2.000	0.370	(0.120)	0.110	2.36	44.57	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	53.52	0.93	1.01	0.62	0.65	0.70	1.085	1.085	35.73	37.52	600	900	100.39	100.39	166.74	181.67	15.89	6.6%																																													
		2,000	8.39	0.78	2.000	0.370	(0.120)	0.110	2.36	56.37	12.68	0.78	2.540	0.370	(0.120)	0.110	0.087	2.99	73.20	0.93	1.01	0.62	0.65	0.70	1.085	1.085	47.64	50.02	600	1,400	135.65	135.65	239.66	258.87	19.22	8.0%																																													
R1	Wardsville	100	12.10	0.78	1.900	0.100	(0.120)	0.110	1.99	14.87	15.12	0.78	2.575	0.100	(0.120)	0.110	0.087	2.75	18.65	0.93	1.01	0.62	0.65	0.70	1.085	1.085	2.38	2.50	100	-	6.08	6.08	22.26	27.32	4.97	22.3%																																													
		250	12.10	0.78	1.900	0.100	(0.120)	0.110	1.99	17.86	15.12	0.78	2.575	0.100	(0.120)	0.110	0.087	2.75	22.78	0.93	1.01	0.62	0.65	0.70	1.085	1.085	5.95	6.25	250	-	15.19	15.19	39.00	44.22	5.22	13.4%																																													
		500	12.10	0.78	1.900	0.100	(0.120)	0.110	1.99	22.83	15.12	0.78	2.575	0.100	(0.120)	0.110	0.087	2.75	29.66	0.93	1.01																																																												

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

[illegible]

Total Bill Impacts of Proposed Distribution Rates [new RTSR]: Threshold of 600 kWhs

[illegible]

Classes		Scenario	2008 Incl Rate Riders								2009 + IRM Incl Rate Riders								Non-Dx Component								Commodity Bands				Existing		New		Incr	
			Existing Dx Rates				Existing Dx				New Dx Rates				New Dx				RTSR oldRTSR newWMSC c WMSC neDRC				TLF old TLF new				Old	New	Band 1	Band 2	Old	New	Total Bill	Total Bill	Total Bill	Total Bill
New Class	Old Class	kWh	SrChg	Rider4	base	Rider2	Rider3	Rider4	VarChg	SrChg	Rider4	base	Rider2	Rider3	Rider4	Rider 5AB	VarChg	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	\$	\$	kWhs	kWhs	Total \$	Total \$	\$/month	\$/month	\$/month	%			
			(\$/cwt)	(\$/cwt)	(c/kWh)	(c/kWh)	(c/kWh)	(c/kWh)	(c/kWh)	(\$/cwt)	(\$/cwt)	(c/kWh)	(c/kWh)	(c/kWh)	(c/kWh)	(c/kWh)	(c/kWh)																			
UR	UR	100	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	17.98	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	18.69	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	26.38	27.20	0.82	3.1%
		250	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	21.57	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	22.27	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	42.56	43.53	0.97	2.3%
		500	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	27.54	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	28.23	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	69.52	70.75	1.23	1.8%
		750	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	33.52	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	34.19	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	38.18	38.18	98.37	98.37	1.48	1.5%
		1,000	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	39.49	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	40.15	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	127.76	129.50	1.74	1.4%
		1,500	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	51.44	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	52.07	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	186.55	188.79	2.25	1.2%
		2,000	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	63.39	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	63.99	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	245.33	248.09	2.76	1.1%
UR	R1	100	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	17.98	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	18.69	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	26.38	27.20	0.82	3.1%
		250	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	21.57	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	22.27	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	42.56	43.53	0.97	2.3%
		500	14.79	0.80	2.320	0.050	(0.110)	0.130	2.39	27.54	15.51	0.80	2.240	0.050	(0.110)	0.130	0.074	2.38	28.23	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	69.			

Total Bill Impacts of Proposed Distribution Rates[new RTSR]: Threshold of 600 kWhs

Classes		Scenario	2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx Component										Commodity Bands				Existing		New		Incr		Incr			
New Class	Old Class	kWh	Existing Dx Rates										New Dx Rates										RTSR oldRTSR newWMSC o WMSC neDRC										TLF old TLF new				Old	New	Band 1 Band 2 Old New				Total Bill	Total Bill	Incr	Incr
			SrChg [\$/cust]	Rider4 [\$/cust]	base [c/kWh]	Rider2 [c/kWh]	Rider3 [c/kWh]	Rider4 [c/kWh]	VarChg [c/kWh]	Existing Dx [\$/month]	SrChg [\$/cust]	Rider4 [\$/cust]	base [c/kWh]	Rider2 [c/kWh]	Rider3 [c/kWh]	Rider4 [c/kWh]	Rider 5AB [c/kWh]	VarChg [c/kWh]	New Dx [\$/month]	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh	\$	\$	kWhs	kWhs	Total \$	Total \$	\$/month	\$/month	\$/month	%											
UR	Annprior	100	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	15.75	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	17.25	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	24.15	25.75	1.60	6.6%										
		250	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	19.44	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	21.08	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	40.43	42.34	1.91	4.7%										
		500	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	25.59	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	27.47	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	67.57	69.99	2.42	3.6%										
		750	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	31.74	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	33.89	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	96.59	99.52	2.93	3.0%										
		1,000	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	37.89	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	40.25	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	126.16	129.60	3.44	2.7%										
		1,500	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	50.19	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	53.03	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	185.30	189.76	4.46	2.4%										
2,000	12.49	0.80	2.260	0.180	(0.110)	0.130	2.46	62.49	13.89	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	65.81	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	244.43	249.91	5.48	2.2%												
UR	Brockville	100	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	16.47	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	17.86	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	24.87	26.36	1.49	6.0%										
		250	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	20.04	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	21.71	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	41.03	42.97	1.94	4.7%										
		500	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	25.99	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	28.12	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	67.97	70.65	2.67	3.9%										
		750	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	31.94	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	34.54	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	96.79	100.20	3.41	3.5%										
		1,000	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	37.89	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	40.95	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	126.16	130.30	4.14	3.3%										
		1,500	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	49.79	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	53.79	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	184.90	190.51	5.61	3.0%										
2,000	13.29	0.80	2.200	0.160	(0.110)	0.130	2.38	61.69	14.49	0.80	2.312	0.160	(0.110)	0.130	0.074	2.57	66.62	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	243.63	250.72	7.08	2.9%												
UR	Caledon OH 01	100	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	20.67	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	20.92	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	29.07	29.42	0.36	1.2%										
		250	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	23.87	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	24.98	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	44.86	46.21	1.35	3.0%										
		500	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	29.19	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	31.67	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	71.17	74.19	3.02	4.2%										
		750	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	34.52	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	38.39	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	99.37	104.05	4.68	4.7%										
		1,000	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	39.84	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	45.11	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	128.11	134.46	6.34	5.0%										
		1,500	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	50.49	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	58.54	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	185.60	195.27	9.67	5.2%										
2,000	17.74	0.80	1.950	0.160	(0.110)	0.130	2.13	61.14	17.43	0.80	2.434	0.160	(0.110)	0.130	0.074	2.69	71.98	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	243.08	256.08	13.00	5.3%												
UR	Carleton Place	100	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	18.06	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	18.92	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	26.46	27.42	0.96	3.6%										
		250	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	21.71	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	22.92	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	42.70	43.97	1.27	3.0%										
		500	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	27.78	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	29.02	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	69.76	71.54	1.78	2.6%										
		750	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	33.86	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	35.34	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	98.71	101.00	2.29	2.3%										
		1,000	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	39.93	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	41.65	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	128.20	131.00	2.80	2.2%										
		1,500	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	52.08	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	54.28	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	187.19	191.01	3.82	2.0%										
2,000	14.83	0.80	2.260	0.150	(0.110)	0.130	2.43	64.23	15.59	0.80	2.282	0.150	(0.110)	0.130	0.074	2.53	66.91	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	246.17	251.01	4.84	2.0%												

Total Bill Impacts of Proposed Distribution Rates[new RTSR]: Threshold of 600 kWhs

Classes		Scenario	2008 Incl Rate Riders										2009 + IRM Incl Rate Riders										Non-Dx Component										Commodity Bands				Existing		New		Incr		Incr	
			Existing Dx Rates										New Dx Rates										RTSR oldRTSR newWMSC o WMSC neDRC										TLF old	TLF new	Old	New	Band 1	Band 2	Old	New	Total Bill	Total Bill	Total Bill	Total Bill
New Class	Old Class	kWh	SrChg	Rider4	base	Rider2	Rider3	Rider4	VarChg	\$/month	SrChg	Rider4	base	Rider2	Rider3	Rider4	Rider 5AB	VarChg	\$/month	c/kWh	c/kWh	c/kWh	c/kWh	c/kWh			\$	\$	kWhs	kWhs	Total \$	Total \$	\$/month	\$/month	\$/month	%								
			[\$/cust]	[\$/cust]	[c/kWh]	[c/kWh]	[c/kWh]	[c/kWh]	[c/kWh]		[\$/cust]	[\$/cust]	[c/kWh]	[c/kWh]	[c/kWh]	[c/kWh]	[c/kWh]																											
UR	Dryden	100	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	18.06	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	18.89	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	26.46	27.39	0.93	3.5%								
		250	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	21.75	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	22.71	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	42.74	43.98	1.24	2.9%								
		500	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	27.90	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	29.11	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	69.88	71.63	1.75	2.5%								
		750	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	34.05	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	35.50	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	98.90	101.16	2.26	2.3%								
		1,000	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	40.20	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	41.89	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	128.47	131.24	2.77	2.2%								
		1,500	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	52.50	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	54.67	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	187.61	191.40	3.79	2.0%								
		2,000	14.80	0.80	2.260	0.180	(0.110)	0.130	2.46	64.80	15.53	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	67.45	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	246.74	251.55	4.81	1.9%								
UR	GBE	100	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	14.00	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	16.23	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	22.40	24.73	2.34	10.4%								
		250	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	17.38	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	20.15	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	38.37	41.41	3.05	7.9%								
		500	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	23.00	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	26.70	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	64.98	69.22	4.24	6.5%								
		750	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	28.63	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	33.24	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	93.48	98.90	5.42	5.8%								
		1,000	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	34.25	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	39.78	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	122.52	129.13	6.61	5.4%								
		1,500	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	45.50	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	52.87	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	180.61	189.59	8.99	5.0%								
		2,000	10.95	0.80	2.100	0.130	(0.110)	0.130	2.25	56.75	12.81	0.80	2.393	0.130	(0.110)	0.130	0.074	2.62	65.95	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	238.69	250.05	11.36	4.8%								
UR	Lindsay	100	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	18.64	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	19.09	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	27.04	27.59	0.55	2.0%								
		250	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	22.27	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	22.86	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	43.26	44.12	0.86	2.0%								
		500	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	28.32	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	29.15	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	70.30	71.67	1.37	1.9%								
		750	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	34.37	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	35.44	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	99.22	101.10	1.88	1.9%								
		1,000	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	40.42	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	41.73	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	128.69	131.08	2.39	1.9%								
		1,500	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	52.52	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	54.31	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	187.63	191.04	3.41	1.8%								
		2,000	15.42	0.80	2.260	0.140	(0.110)	0.130	2.42	64.62	15.77	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	66.89	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	246.56	250.99	4.43	1.8%								
UR	Perth	100	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	18.02	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	18.79	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	26.42	27.29	0.87	3.3%								
		250	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	21.71	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	22.62	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	42.70	43.88	1.18	2.8%								
		500	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	27.86	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	29.01	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	69.84	71.53	1.69	2.4%								
		750	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	34.01	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	35.40	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	98.86	101.06	2.20	2.2%								
		1,000	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	40.16	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	41.79	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	128.43	131.14	2.71	2.1%								
		1,500	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	52.46	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	54.57	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	187.57	191.30	3.73	2.0%								
		2,000	14.76	0.80	2.260	0.180	(0.110)	0.130	2.46	64.76	15.43	0.80	2.282	0.180	(0.110)	0.130	0.074	2.56	67.35	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	246.70	251.45	4.75	1.9%								

Total Bill Impacts of Proposed Distribution Rates[new RTSR]: Threshold of 600 kWhs

Classes		Scenario		2008 Incl Rate Riders								2009 + IRM Incl Rate Riders								Non-Dx Component										Commodity Bands				Existing		Incr									
		Existing Dx Rates								Existing Dx								New Dx Rates								New Dx		RTSR oldRTSR newWMSC o WMSC neDRC				TLF old		TLF new		Old	New	Band 1	Band 2	Old	New	Total Bill	Total Bill	Total Bill	Total Bill
New Class	Old Class	kWh	SrChg	Rider4	base	Rider2	Rider3	Rider4	VarChg	\$/month	SrChg	Rider4	base	Rider2	Rider3	Rider4	Rider 5AB	VarChg	\$/month	ckWh	ckWh	ckWh	ckWh	ckWh			\$	\$	kWhs	kWhs	Total \$	Total \$	\$/month	\$/month	\$/month	%									
			[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]		[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]	[\$/cust]																											
UR	Quinte West	100	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	11.56	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	14.77	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	18.90	23.27	4.37	23.1%									
		250	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	14.61	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	18.71	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	33.51	39.87	6.46	19.3%									
		500	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	19.68	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	25.28	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	61.66	67.80	6.14	10.0%									
		750	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	24.76	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	31.85	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	89.61	97.51	7.90	8.8%									
		1,000	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	29.83	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	38.42	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	118.10	127.76	9.66	8.2%									
		1,500	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	39.98	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	51.55	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	175.09	188.28	13.19	7.5%									
		2,000	8.73	0.80	1.900	0.110	(0.110)	0.130	2.03	50.13	11.34	0.80	2.424	0.110	(0.110)	0.130	0.074	2.63	64.69	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	232.07	248.79	16.72	7.2%									
UR	Smiths Falls	100	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	16.47	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	17.69	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	24.87	26.19	1.32	5.3%									
		250	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	20.15	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	21.51	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	41.14	42.77	1.63	4.0%									
		500	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	26.27	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	27.87	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	68.25	70.39	2.14	3.1%									
		750	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	32.40	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	34.24	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	97.25	99.90	2.65	2.7%									
		1,000	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	38.52	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	40.60	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	126.79	129.95	3.16	2.5%									
		1,500	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	50.77	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	53.33	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	185.88	190.06	4.18	2.2%									
		2,000	13.22	0.80	2.260	0.170	(0.110)	0.130	2.45	63.02	14.34	0.80	2.282	0.170	(0.110)	0.130	0.074	2.55	66.06	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	244.96	250.16	5.20	2.1%									
UR	Thorold	100	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	17.17	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	18.15	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	25.57	26.65	1.08	4.2%									
		250	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	20.80	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	21.92	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	41.79	43.18	1.39	3.3%									
		500	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	26.85	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	28.21	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	68.83	70.73	1.90	2.8%									
		750	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	32.90	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	34.50	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	97.75	100.16	2.41	2.5%									
		1,000	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	38.95	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	40.79	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	127.22	130.14	2.92	2.3%									
		1,500	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	51.05	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	53.37	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	186.16	190.10	3.94	2.1%									
		2,000	13.95	0.80	2.260	0.140	(0.110)	0.130	2.42	63.15	14.83	0.80	2.282	0.140	(0.110)	0.130	0.074	2.52	65.95	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	245.09	250.05	4.96	2.0%									
UR	Whitchurch Stouffvi	100	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	14.78	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	16.76	0.92	0.99	0.62	0.65	0.70	1.078	1.078	2.36	2.47	100	-	6.04	6.04	23.18	25.26	2.08	9.0%									
		250	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	18.14	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	20.62	0.92	0.99	0.62	0.65	0.70	1.078	1.078	5.90	6.17	250	-	15.09	15.09	39.13	41.88	2.75	7.0%									
		500	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	23.74	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	27.06	0.92	0.99	0.62	0.65	0.70	1.078	1.078	11.80	12.34	500	-	30.18	30.18	65.72	69.59	3.86	5.9%									
		750	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	29.34	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	33.51	0.92	0.99	0.62	0.65	0.70	1.078	1.078	17.70	18.51	600	150	47.15	47.15	94.19	99.17	4.98	5.3%									
		1,000	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	34.94	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	39.95	0.92	0.99	0.62	0.65	0.70	1.078	1.078	23.60	24.68	600	400	64.67	64.67	123.21	129.30	6.09	4.9%									
		1,500	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	46.14	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	52.83	0.92	0.99	0.62	0.65	0.70	1.078	1.078	35.40	37.02	600	900	99.71	99.71	181.25	189.56	8.31	4.6%									
		2,000	11.74	0.80	2.100	0.120	(0.110)	0.130	2.24	57.34	13.38	0.80	2.363	0.120	(0.110)	0.130	0.074	2.58	65.72	0.92	0.99	0.62	0.65	0.70	1.078	1.078	47.20	49.36	600	1,400	134.74	134.74	239.28	249.82	10.53	4.4%									

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #3 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 1, page 2 Exhibit B1, Tab 3, Schedule 2, page 2

Question:

- a) Is the planned capital expenditure due to new PCB federal legislative requirements the only 2009 capital program that is not a continuation of the 2008 programs? If there others, please provide a schedule that sets out the programs, the reason they are needed, the planned spending for 2009 and why that particular level of spending is required.

Response

- a) The Smart Grid program is a new program for 2009. Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 6 for more information on this program.

The following Operations programs are new programs as well:

Provincial Mobile Radio System Upgrade

The Provincial Mobile Radio System Upgrade is required to replace end-of-life radio base station equipment at towers throughout Ontario, most of which dates from the 60's and 70's. In addition, the program will provide upgrades to the system to allow voice connections between PMRS and the public telephone system. During 2009, replacement of base station equipment will be undertaken, and estimates will be gathered for voice connections. Planned spending is \$500K. The level of funding selected is to prevent equipment failures in the system. In future years (2010 and beyond), the program will undertake the implementation of voice connections.

ORMS Mobile IT Integration

ORMS Mobile IT Integration is required to introduce rugged mobile technology. Using Cellular communications infrastructure, the field crews receive trouble calls electronically and update the trouble call with current data shortly after work has been performed or a change in status has occurred. During 2009, planned spending is \$1.7M to fund introduction of ORMS Mobile IT as part of the Smart Grid initiative. The level of spending is required to provide a limited implementation in the Owen Sound area. Depending of the results, the program will fund wide-scale implementation of the technology in subsequent years.

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Exhibit I

Tab 6

Schedule 3

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1 Transfer DS Control Authority

2 Transfer DS Control Authority is required to provide consistent operating standards
3 in order to facilitate monitoring and control of the distribution system and distributed
4 generation. During 2009, planned spending is \$300K to fund the transfer of a limited
5 number of stations. The future direction of the program is dependent on the Smart
6 Grid initiative.

7

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #4 List 1

Interrogatory

Reference: Exhibit B2, Tab 1, Schedule 1, page 2

Question:

- a) Please reconcile the 2007 actual kWh sales data reported here with that published by the Board on its web-site on December 4, 2008 in conjunction with the Distributor Cost Comparison project.
<http://www.oeb.gov.on.ca/OEB/Industry+Relations/OEB+Key+Initiatives/Comparison+of+Electricity+Distributors+Costs/Comparison+of+Electricity+Distributors+Costs>

Response

- a) The 2007 data reported in Exhibit B2, Tab 1, Schedule 1, page 2, is data derived from our billing systems.
- Hydro One cannot confirm how the 2007 data in the Board's web-site was derived. Consistent with the OEB's RRR requirements, Hydro One reports sales only for customers that are non-wholesale market participants

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #5 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 1
Exhibit B2, Tab 1, Schedule 2, Appendix E, page 7

Question:

- a) Please confirm that the \$460.8 M in capital spending proposed for 2008 is expected to come in-service in 2008 (per reference (ii)).

Response

- a) The \$460.8M in 3rd GIRM Exhibit B1, Tab 3, Schedule 1, page 1, Table 1 is the proposed distribution capital spending for 2009, not 2008. It is expected that the capital spending proposed for 2009 will come in service in 2009.

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #6 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 3, pages 4-10 (Stations)

Question:

- a) With respect to pages 5-6, how many spare transformers does HON currently (i.e., for 2008) maintain in inventory? Please provide the analysis supporting the need for additional spares in inventory and, therefore, the increase spending for 2009 (per Exhibit B1, Tab 3, Schedule 7, page 3).
- b) With respect to page 8, please provide a schedule setting out the total number of stations that were undergoing refurbishment in 2008 and, for each, indicate both the year the refurbishment project started and the year it is expected to finish.
- c) For how many stations, in total, will the refurbishment project be completed in 2008 (per page 8)? What was the 2008 capital spending on these projects?
- d) Please provide a copy of HON's business plan for responding to the new PCB regulations (per page 9) that supports the purchase of additional spare transformers and mobile substations (e.g., the plan should set out HON's planned response to the new requirements and substantiate the resulting number of spares needed to support this program).
- e) Apart from the new PCB regulations, is any of the planned 2009 spending on Stations associated with any unusual circumstances that were not identified and considered during the review of HON's 2008 Rate Application? If so, please identify what the programs are, what the 2009 spending is and demonstrate that it was not considered during the 2008 rebasing.

Response

- a) The projected level of spare transformers and regulators to be maintained during 2008 was 116. Please refer to the interrogatory response found in Exhibit I, Tab 5, Schedule 4 for further analysis supporting the need for additional spares inventory.
- b) Stations started in 2008 are:
 - Red Lake DS – finish 2009
 - Sioux Narrows DS – finish 2009
 - Petawawa DS – finish 2009

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Exhibit I

Tab 6

Schedule 6

Page 2 of 2

- 1 • Navan DS – finish 2009
- 2 • Monteith DS – finish 2009
- 3 • Fauquier DS – finish 2008
- 4
- 5 c) Fauquier DS is the only station noted above completed in 2008 at a cost of \$576,000.
- 6
- 7 d) Please refer to Exhibit B1 Tab 3, Schedule 7, page 5 Investment Summary Document
- 8 S3 on “Incremental PCB Programs to address New Federal Legislation”.
- 9
- 10 e) None other than the PCB regulations.
- 11

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #7 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 3, pages 10-18 (Lines)

Question:

- a) Please provide the detailed analysis supporting the 9% increase in spending on trouble calls and storm damage response (per page 13).
- b) Please confirm that the \$27.1 M spending in 2007 on Joint Use and Relocations was a matter of record in the EB-2007-0681 case when the 2008 spending levels were set (per page 15).
- c) Please confirm whether the “pole assessment program” referred to on page 16 (lines 15-18) was also used to determine the 2008 spending levels approved by the Board. If not, how were the 2008 spending levels established by HON?
- d) Was the condition of the submarine cable (per page 17) unknown at the time of the 2008 Rate Application? If so, why and when/how was it first determined?
- e) Is any of the planned 2009 spending on Lines associated with any unusual circumstances that were not identified and considered during the review of HON’s 2008 Rate Application? If so, please identify what the programs are, what the 2009 spending is and demonstrate that it was not considered during the 2008 rebasing.

Response

- a) Hydro One Distribution forecasts Trouble Call and Storm Damage expenditures based on a 4-year weighted average methodology. The results from the forecasting calculations were used to arrive at the 9% increase in spending from the \$53.4 M in 2008 to the \$58.3 spending level in 2009. For example, the table below provides the Trouble Call Poles and Equipment forecast. Unit cost for poles and equipment is projected to be \$5,330 in 2009 and the total cost to accomplish 4,269 units is \$22.8 million.

Trouble Call - Poles & Equipment Forecast	2004	2005	2006	2007	2009
# of units	3,696	4,519	4,303	4,261	
Weighting	10%	20%	30%	40%	-
Calculated Weighted Avg.	-	-	-	-	4,269
Projected Cost = \$22.8 Million					

- 1
- 2 b) The 27.1M spending in 2007 on Joint Use & Line Relocations expenditure was a
- 3 matter of record in EB-2007-0681. Please refer to Exhibit D1, Tab 3, Schedule 2,
- 4 page 13 of that Proceeding.
- 5
- 6 c) Yes, the “pole assessment program” results were used to determine the 2008 levels
- 7 approved by the Board.
- 8
- 9 d) At the time of filing the 2008 Rate Application, Hydro One Distribution had assessed
- 10 the submarine cable. During 2007 new testing methods were developed that provided
- 11 more in-depth analysis of the condition of the cable which lead to greater accuracy
- 12 regarding end-of-life. This has resulted in the identification of an increased number of
- 13 cables at end of life.
- 14
- 15 e) The capital expenditure for Replacement of PCB Contaminated Pad Mount
- 16 Transformers, Exhibit B1, Tab 3, Schedule 3 – Table 3, was not accounted for in the
- 17 2008 rebasing, as the Environment Canada regulations requiring that these
- 18 transformers be replaced was not enacted until 2008.

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #8 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 4, page 1-6

Question:

- a) Please provide the 2008 forecast information regarding GDP and Building Permits used by HON to support the level of spending on Connections and Upgrades included in the 2008 Rates (per page 2).
- b) Please provide the forecasts for 2009 regarding GDP and Building Permits that HON relied on to prepare the current Application and indicate both their sources and when they were prepared.
- c) Please provide the overall Implementation Plan and Business Case for HON's Smart Grid Program (per Exhibit B1, Tab 3, Schedule 7, page 19).

Response

- a) This information is provided in EB-2007-0681, Exhibit A, Tab 14, Schedule 3, page 6 and is provided as Attachment 1 to this response.
- b) Forecast of GDP and Building Permits are presented below for the year 2009.

	2009 Forecast
<i>Building permits in 2002 million \$</i>	1,386
<i>Building permits in 2002 \$ Growth</i>	3.4%
<i>Ontario GDP 1997 million \$</i>	530,335
<i>Ontario GDP 1997 Growth</i>	3.2%

Both GDP and building permits forecasts are based on consensus forecast consisting of forecasts of GDP and housing starts, respectively, made by major banks and forecasting houses - as detailed in EB-2008-0272 Exhibit A, Tab 14, Schedule 3, Page 3 - and were produced in April 2007.

- c) Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 6.

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PROVINCIAL GDP FORECAST

EB-2007-0681 EXHIBIT A, TAB 14, SCHEDULE 3, PAGE 6

2.1 Provincial GDP Forecast

The provincial GDP forecast is a key driver for the load forecast. During the 1990s, the Ontario economy grew faster than the national economy. During the economic slowdown in 2003 and 2004, the Ontario GDP lagged behind the Canadian GDP because of the SARS outbreak and the Blackout in 2003 and rising Canadian dollars in both years for which the provincial manufacturing sector was the hardest hit. Industries that were negatively affected in recent years include the pulp and paper, chemical and auto-related industries. The provincial economy grew 2.8 percent in 2005 but slowed to 1.3 percent of output growth in 2006 due primarily to the high Canadian dollar and slow US economic growth. Based on the consensus forecast, the Ontario GDP is expected to grow 1.7 percent in 2007 and 2.9 percent in 2008. Because of the strong Canadian dollar, Ontario will continue to lag behind the national growth rates.

2.2 Provincial Population Forecast

Ontario population grew 1.7 percent in 2002, 1.1 percent in each of 2003, 2004 and 2005, and 1.0 percent in 2006. Population growth for the province is forecast to continue to outperform the nation in the forecast period. The economic forecast indicated that Ontario population is expected to grow at 1.2 percent in 2007 and 2008. Steady population growth contributes positively to the load forecast.

2.3 Provincial Housing Forecast

Helped by relatively low interest rates, demand for housing remained very strong in the last few years. Housing starts statistics showed growth of 84,000 houses in 2002, 86,000 houses in 2003, 84,000 houses in 2004, 78,000 in 2005, and 74,000 in 2006. Demand for housing is expected to slow in the next 2 years as interest rates continue rising. The

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #9 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 5, pages 2-4

Question:

- a) Why are the levels of spending on the three programs that were reviewed as part of the 2008 Application unchanged for 2009?
- b) If the Provincial Mobile Radio System has been in existence since before the 2003 Blackout, why is it considered a new program?
- c) If there is a major spending requirement for the Provincial Mobile Radio System over and above normal replacement of end of life components and upgrades, please outline specifically what the requirement is and what makes the circumstances unusual.
- d) What was the spending on the ORMS Mobile IT Integration pilot project in 2008 and what is planned spending in 2009? Was a business case prepared for this project following the pilot and, if so, please provide. What is the planned spending for 2009 for (i.e., what types of assets & equipment)?
- e) What is the planned level of 2009 spending on the Transfer DS Control Authority program and what is it for (i.e., what types of assets and equipment)? Please explain why establishing consistent operating standards isn't considered an OM&A activity/expense.
- f) HON is putting forward three new Operations Capital Programs to justify its request for incremental capital module. Please provide Investment Summary Documents for each of these programs.

Response

- a) Distribution Operating Facilities Sustainment requires consistent funding on a yearly basis to provide capital sustainment of distribution facilities.
- b) The Provincial Mobile Radio System has actually been in existence since the 1960's and 1970's. This new program is required as part of periodic capital spending to sustain the system.
- c) Please refer to the interrogatory response in Exhibit I, Tab 6, Schedule 3.

- 1 d) For ORMS Mobile IT Integration, \$100K was spent on a pilot project during 2008.
2 The 2009 spending of \$1.7M is for implementation of the technology in a broader
3 area, based on the results of the pilot project. Planned spending is for rugged mobile
4 technology installed in trouble trucks. An Investment Summary Document has not
5 been prepared for this as the spending is less than \$5M.
6
- 7 e) Transfer DS Control Authority has been allocated \$313K in the 2009 business plan.
8 The program requires enhancements to the Network Management System (NMS) in
9 order to provide automated monitoring and control of the requisite distribution
10 stations. It enhances the value of Hydro One assets, and is therefore considered
11 capital spending.
12
- 13 f) Investment Summary Documents are provided for investments in excess of \$5M.
14 None of the specified investments meet this criteria.
15

Vulnerable Energy Consumers Coalition (VECC) INTERROGATORY #10 List 1

Interrogatory

Reference: Exhibit B1, Tab 3, Schedule 6

Question:

- a) Please confirm that total 2009 OM&A savings associated with Cornerstone are expected to be roughly \$9.8 M (per EB-2008-0272 – C1/2/10). Please also confirm that the Distribution portion of these savings is roughly \$3.9M.
- b) Have there been any significant changes in the implementation plan for Cornerstone from that presented to the Board in support of the 2008 Rates (per pages 5-7)? If yes, please outline what the changes are and the circumstances that led to the changes being required.
- c) What are the lease payments for head office space included in the 2008 Approved Revenue Requirement?
- d) Exhibit B1, Tab 3, Schedule 7 (page 26) indicates that HON expected to have a new lease completed by January 2009. Please provide a status update and, if known, the anticipated 2010 cost for head office lease facilities (comparable to the 2008 cost from part c)..
- e) Why should this spending on new lease upgrades, etc. be considered a 2009 cost when the new accommodation will not be occupied until 2010?
- f) Does HON expect the spending on its 2009 Internal Energy Efficiency Program to reduce its own energy bills? If so, what is the annual savings associated with the program?

Response

- a) Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 10.
- b) The Cornerstone implementation plan remains the same as submitted in Exhibit B1, Tab 3, Schedule 6.
- c) Please refer to the interrogatory response in Exhibit I, Tab 8, Schedule 29, Part a).
- d) Hydro One is not requesting any recovery of our OM&A costs in this filing. Our 2010 OM&A will be reviewed in our next cost of service application.
- e) This treatment is consistent with the IRM model which treats in year capital expenditure as coming in service, in the year spent.
- f) Hydro One expects that its Internal Energy Efficiency Program will result in a reduction in energy consumption. An assessment of annual savings has not yet been conducted, but savings are expected to include reduced electricity and gas consumption at our facilities, and reduction in fuel consumption from our vehicle fleet initiatives. The planned 2009 facility retrofit initiatives are being designed to meet a projected payback in 7 years.

Canadian Manufacturers & Exporters (CME) INTERROGATORY #1 List 1

Interrogatory

Ref: Ontario Energy Board ("OEB" or the "Board"), EB-2007-0681 Decision with Reasons dated December 18, 2008 (the "Decision")

1. Please indicate when Hydro One will be responding to the following directives in the Decision:

- (a) The directives, found at pages 8 to 10 of the Decision, pertaining to the incorporation of the impacts of Conservation and Demand Management ("CDM") into Hydro One's load forecasts in future cases;
- (b) The directive, found at page 13 of the Decision, to develop a benchmarking approach, in consultation with intervenors and Board Staff, with respect to Hydro One's costs and the costs of comparable utilities;
- (c) The directive, at pages 24 and 31 of the Decision, requiring further studies to improve the understanding of Hydro One's cost allocation based on density criteria;
- (d) The directive, at page 24 of the Decision, requiring Hydro One to re-examine the practicality of additional class definitions to improve understanding of cost causality;
- (e) The directive, at page 40 of the Decision, that Hydro One, as part of its 2010 Application for Rates, bring forward evidence relating to a specific rate for Milton Hydro ("Milton") in the event that Milton has been unable to complete a purchase, on or before May 1, 2010, of the assets described in the Decision, and, in particular, whether Hydro One and Milton have now reached an agreement with respect to these assets.

Response

Hydro One will respond to the Directives at our next Cost of Service application. Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 2, part e).

Canadian Manufacturers & Exporters (CME) INTERROGATORY #2 List 1

Interrogatory

Ref: Exhibit B, Tab 2, Schedule 1, page 2

2. The GDP-IPI price escalator which Hydro One has used in its pre-filed evidence is 2.1%. The Board's July 14, 2008 Report on 3rd Generation Incentive Regulation Mechanism for Ontario Electricity Distributors ("3rd Generation IRM Report") at page 11 indicates that the 2009 over 2008, year-over-year, change in GDP-IPI-FDD will be calculated early in March 2009. In this context, please provide the following information:

(a) Please provide the 2009 over 2008 change in GDP-IPI when it has been calculated in early March 2009.

(b) Please advise whether Hydro One's proposed 2009 rates, effective May 1, 2009, will be adjusted to reflect the March 2009 calculation of GDP-IPI.

Response

a) The following is the OEB's announcement dated March 5, 2009:

Mar 5-09 Today the Board announced the price escalator (or inflation index) for the 2nd and 3rd Generation Incentive Regulation mechanisms for adjusting electricity distribution rates effective May 1, 2009.

Consistent with the Board's findings in its December 20, 2006 [Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation for Ontario's Electricity Distributors](#), the Board will use the annual percent change in the Implicit Price Index for National Gross Domestic Product (GDP-IPI) for Final Domestic Demand. On March 2, 2009, [Statistics Canada](#) published the change for 2008 over 2007 as part of the National Economic Accounts. The percent change is **2.3%** ([click for Statistics Canada reference](#)).

The Board will adjust the price escalator in each distributor's Incentive Regulation model such that this change is reflected in the 2009 distribution rates for electricity distributors that are under the 2nd and 3rd Generation Incentive Regulation mechanisms.

b) Yes

Canadian Manufacturers & Exporters (CME) INTERROGATORY #3 List 1

Interrogatory

**Ref: Exhibit B1, Tab 2, Schedule 1, page 3 and
Exhibit B1, Tab 3**

3. Hydro One indicates that the "incremental revenue requirement" associated with its proposed 2009 incremental capital module is \$21,326,354. In this context, please provide the following information:

(a) The extent to which this incremental revenue requirement will decline if the Board determines that Hydro One's 2009 capital budget of \$460.8M should be reduced to an amount equal to 85% of the amount Hydro One has budgeted.

(b) The extent to which this incremental revenue requirement will decline if the in-service dates of projects included in Hydro One's 2009 capital budget of \$460.8M are three (3) months later than Hydro One forecasts.

(c) The extent to which the incremental revenue requirement of \$460.8M will decline if the in-service dates of projects included in Hydro One's \$460.8M capital budget are six (6) months later than Hydro One forecasts.DP-IPI.

Response

a) All planned capital expenditures in 2009 are required. However, assuming a general reduction to 85% in Hydro One's capital budget will lower the incremental revenue requirement by \$8.5M from \$21.3M to \$12.8M.

b) Since Hydro One's ongoing capital expenditures are at a steady-state level any delays in in-service additions would be offset by other capital expenditures from the prior period.

c) See response to b) above.

Canadian Manufacturers & Exporters (CME) INTERROGATORY #4 List 1

Interrogatory

**Ref. Exhibit B1, Tab 2, Schedule 1, page 6 and
Exhibit C, Tab 1, Schedules 3 to 6 re: Rate and Bill Impacts**

4. The information in Exhibit C, Tab 1, Schedules 3 to 6 shows that for many customers of "Acquired Utilities", Hydro One's proposed 2009 rates will produce significant percentage increases over existing rates. For example, for many rate classes shown in Schedules 3, 4 and 5, the percentage rate increases and/or bill impacts exceed 30%. For some, the percentage increase impact is 40% or more and for a few, more than 50%. According to the EB-2007-0681 Decision, the next steps in Hydro One's rate harmonization are to be limited to 8%. In the context of the foregoing information, please provide the following:

- (a) Please explain how ratepayers are to verify that the impact of the second step in Hydro One's rate harmonization is not greater than 8% for any of the affected classes.
- (b) What specific notice have customers in each of Hydro One's rates classes received of the percentage increases in their 2009 rates which will result from Hydro One's proposals? Please provide copies of any such notices.

Response

- a) The limit of 8% of impact is with respect to total bill impact based on average consumption and is before the application of the Third Generation Incentive Regulation Mechanism as described in Exhibit G1, Tab 8, Schedule 1, page 1, lines 20 to 22 of Proceeding EB-2007-0681.

An example of an Acquired LDC that has a total bill impact limited to a maximum of 8% based on average consumption is Tweed. For a Residential customer in this Acquired LDC, the bill at 2008 approved distribution rates is \$115.20. The same customer would see a bill of \$124.16 based on the second step of harmonization, before the impact of the third generation incentive regulation mechanism. The percentage increase is 7.8%.

- b) Customers have received notice that we have submitted an application to the Board requesting an increase in Hydro One's delivery rates for 2009. Customers can obtain information on Hydro One's 2009 distribution rate application and the proposed bill impacts by visiting www.HydroOneNetworks.com. Communications to customers regarding any impacts on their rates will follow the Board decision.

Canadian Manufacturers & Exporters (CME) INTERROGATORY #5 List 1

Interrogatory

Ref: 3rd Generation IRM Report, page 7

5. In the context of the Board's determination that the planned term of 3rd Gen. IRM rates will be fixed at three (3) years, please provide the following information:
- (a) Will Hydro One be proposing distribution rates for 2010 and 2011 which are derived by applying the 3rd Gen. IRM? If not, then please explain how Hydro One proposes to derive its distribution rates for 2010 and 2011.
- (b) What year over year percentage increases in distribution rates in 2010 and again in 2011 should Hydro One's customers be planning for? In responding to this question, please provide the current estimates of the average percentage increase in each year for each customer class and the minimum and maximum percentage increases of any customer classes served by Hydro One in each year.

Response

- a) Please refer to the interrogatory response in Exhibit I, Tab 1, Schedule 2, part e).
- b) Hydro One has not completed formal business plans for 2010 and 2011. This information will be presented at our next Cost of Service application. Please see the response to part a) above.

Canadian Manufacturers & Exporters (CME) INTERROGATORY #6 List 1

Interrogatory

Ref: EB-2007-0681 Decision, page 32 – Revenue-to-Cost Ratios

6. Please indicate whether the rate levels Hydro One proposes for 2009 for each rate class are moving towards or away from unity and provide information which reveals the approximate revenue-to-cost ratios of Hydro One's proposed 2009 rates.

Response

A cost allocation study is only conducted at the time of a cost of service application. Only after such an exercise can the resulting revenue to cost ratio be determined. Since most of the customer classes have revenue to cost ratios well within the OEB recommended ranges, it is expected that after applying the Third Generation Incentive Regulation Mechanism the revenue to cost ratios will continue to be within the OEB suggested ranges.

School Energy Coalition (SEC) INTERROGATORY #1 List 1

Interrogatory

[B1/3/2, Table 1] For each of the four categories of capex in this table, please provide:

- a. The total amount closed or to be closed to rate base in each year, split in each case between amounts included in the capex figure for the year and closed in the year, and amounts closed in the year based on capex from prior years.
- b. The total amount of AFUDC included in the figure for each year.

Response

- a. The 2008 approved rate base and the associated 2008 approved depreciation amounts from EB-2007-0681 are used as inputs along with the Price Cap Index, Growth and Dead Band value to determine the Threshold Test value and the Threshold Capex amount as shown in Exhibit B2, Tab 1, Schedule 2, Appendix D, page 6 ("G2.1 Threshold Test").

In the 3rd Generation IRM it is assumed that the annual capital expenditures are equal to the annual in-service expenditures. Therefore the 2009 capital expenditures are used in the model when determining the 2009 Incremental Revenue Requirement.

- b. The following are the amounts of AFUDC related to Table 1 of Exhibit B, Tab 3, Schedule 2:

Year	Related AFUDC (\$M)
2008	\$6.3
2009	\$10.6

School Energy Coalition (SEC) INTERROGATORY #2 List 1

Interrogatory

[B1/3/2, Table 1] Please confirm that the capital expenditures in the EB-2007-0681 decision are a net of \$401.4 million, being the \$415.8 million listed, less a one-time credit of \$14.4 million relative to 2006 capitalized overheads, and that as a result the increase in capital spending from 2008 to 2009 is proposed to be 14.8%.

Response

Hydro One confirms that the capital expenditures in the EB-2007-0681 decision are \$401.4 million, being the \$415.8 million less a one-time credit of \$14.4 million.

Hydro One's proposed capital spend in 2008 was \$415.8 as shown in Table 1, Exhibit B1, Tab 3, Schedule 2, page 2. This excludes the one-time overhead capitalization credit. Therefore the increase in capital spending from 2008 to 2009 is proposed to be 10.8%.

School Energy Coalition (SEC) INTERROGATORY #3 List 1

Interrogatory

[B1/3/2, Table 1] Please provide a table using the same four categories contained in this table, and setting out:

- a. For all years from 2003 through 2008, actual capital spending, and for 2009, proposed capital spending;
- b. Amount of capitalized labour included in the capital spending for each year;
- c. Amount of capitalized overheads included in the capital spending for each year; and
- d. Total labour budget for the year, including both capital and OM&A components (not divided between the four categories unless that is easily done).

Also, for each year including the test year, please provide a total and average per employee compensation chart by personnel category in the Board's standard format for cost of service applications.

Response

- a. Please refer to Exhibit I, Tab 8, Schedule 5
- b. Hydro One is a work based company with an integrated workforce and does not track or forecast its labour costs in the manner requested. Further, the level of detail requested in this question was not required by the OEB in making their decisions on Hydro One Distribution's EB-2005-0378 and EB-2007-0681 Cost of Service rate applications.
- c. Please see table below showing capitalized overhead for 2008 and proposed for 2009.

Description	Capitalized overhead	
	2008	2009
Sustaining	16.2	20.6
Development	15.1	20.7
Operations	0.1	0.6
Shared Services	13.2	6
TOTAL	44.6	47.9

This information for prior years at the level of detail requested in this question was not required by the OEB in making their decisions on Hydro One Distribution's EB-2005-0378 and EB-2007-0681 Cost of Service rate applications.

- d. The following information was provided in EB-2008-0272, Exhibit I, Tab 6, Schedule 37, part a) i):

This table provides a snapshot of year end compensation costs for Hydro One Networks (Distribution and Transmission) from 2005 to 2010.

Total Wages
Hydro One Networks Inc.*

M\$	2005 Actuals	2006 Actuals	2007 Actuals	2008 Bridge	2009 Test
OM&A	242.7	281.4	302.3	341.4	353.5
Capital	155.2	177.9	193.2	227.6	235.7
Total	397.9	459.3	495.5	569.0	589.2

*This payroll reflects compensation costs associated with year end headcounts for all EPSCA, PWU, Society and MCP

In reply to the second part of this question, please refer to Attachment 1 from EB-2008-0272, Exhibit I, Tab 6, Schedule 37.

2005

REPRESENTATION	TOTAL NO. EMPlys	TOTAL WAGES	% CHANGE	Average Overtime	Average Incentive	Benefits per EE
Building trades	594	34,788,694	33.51%	6,952		
MCP	322	41,337,068	-0.95%	459	17,628	3,855
PWU	3,280	262,822,737	-1.12%	13,393	811	2,876
SOCIETY	882	58,938,274	13.58%	2,767	54	2,352
Total	5078	397,886,774				

2006

REPRESENTATION	TOTAL NO. EMPlys	TOTAL WAGES	% CHANGE	Average Overtime	Average Incentive	Benefits per EE
Building trades	598	39,153,993	12.55%	9,828		
MCP	476	59,707,957	44.44%	120	9,239	3,624
PWU	3,495	294,019,129	11.87%	16,901	1	2,901
SOCIETY	732	66,443,825	12.73%	2,030		3,390
Total	5301	459,324,903				

2007

REPRESENTATION	TOTAL NO. EMPlys	TOTAL WAGES	% CHANGE	Average Overtime	Average Incentive	Benefits per EE
Building trades	740	50,810,389	29.77%	9,972		
MCP	524	67,717,643	13.41%	121	12,690	3,879
PWU	3,825	306,580,259	4.27%	13,439	0	2,788
SOCIETY	804	70,417,819	5.98%	2,955	8	2,629
TOTAL	5893	495,526,109				

2008

REPRESENTATION	TOTAL NO. EMPlys	TOTAL WAGES	% CHANGE	Average Overtime	Average Incentive	Benefits per EE	New MCP per EE
Building trades	730	51,627,475	1.61%	6,259			
MCP	616	83,591,200.48	23.44%	0	13,798.70	4,034.00	1,398.00
PWU	4,479	341,300,340	11.32%	11,784		3,318.00	
SOCIETY	1,056	92,480,984.40	31.33%	2,210		2,873.00	
TOTAL	6,881	569,000,000					

2009

REPRESENTATION	TOTAL NO. EMPlys	TOTAL WAGES	% CHANGE	Average Overtime	Average Incentive	Benefits per EE
Building trades	860	62,646,051	21.34%	6,284		
MCP	630	87,362,959	4.51%	0	13,968	
PWU	4,298	336,638,268	-1.37%	12,344		
SOCIETY	1,132	102,552,721	10.89%	2,133		
TOTAL	6920	589,200,000				

Note: the source of this information is EB-2008-0272, Exhibit I, Tab 6, Schedule 37, Attachment 1

School Energy Coalition (SEC) INTERROGATORY #4 List 1

Interrogatory

[B1/3/2] Please prepare a side by side calculation showing the calculation of income tax (PILs) for the test year:

- a. As currently expected by the company, assuming approval without alteration of the application in this proceeding; and
- b. The identical calculation, except that the capital spending in the test year is zero, but in all other respects the assumptions in the PILs calculation remain the same.

If the company is able to do so, please disaggregate the tax impacts of the capital spending between major categories of assets (e.g. software, leasehold improvements, distribution assets, etc.).

Response

PILs was not calculated as part of this application. The application of PILs using the Incremental Capital Module is shown in Exhibit B2, Tab 1, Schedule 2, page 8, Appendix F (“G4.1 – Incremental Capital Adjustment”). Hydro One is not requesting any adjustment above what is determined by the model.

School Energy Coalition (SEC) INTERROGATORY #5 List 1

Interrogatory

[B1/3/3,4,5,and 6] Please consolidate the tables in each of these Schedules (Tables 1-5 in Schedule 3, Table 1 in each of Schedules 4 and 5, and Tables 2-8 in Schedule 6), and expand the consolidated table to include the following:

- a. 2008 actuals for each of the sub-categories in the various tables (in these interrogatories referred to throughout as the “Disaggregated Categories”).
- b. 2006 and 2007 actuals for each of the Disaggregated Categories.
- c. The dollar impact of any accounting or allocation changes from year to year that would affect the comparability of the numbers.

Response

- a. and b.

Hydro One Distribution – Capital Expenditures (2006 – 2009)

Description	2006	2007	2008		2009
	Actual	Actual	Approved	Actual	Test
Strategic Spare Transformers	2.8	0.6	3.5	2.8	5.0
Mobile Substation Refurbishment	1.0	0.3	1.5	1.7	1.5
Station Projects & Demand	4.7	6.8	5.3	8.0	6.9
PCB Retirement -- Equipment Requirements	-	-	-		10.2
Subtotal - Stations	8.5	7.7	10.3	12.5	23.6
Trouble Call & Storm Damage (d)	90.6	51.7	53.4	62.0	58.3
Joint Use & Relocations (d)	24.0	27.1	23.7	31.2	26.5
Wood Structure Replacement	30.3	40.1	39.8	43.0	42.2
Waste Management Capital	0.2	0.1	1.2	0.6	1.4
Line Projects	17.0	19.8	21.4	20.4	24.2
Replacement of PCB Contaminated Pad Mount Transformers	-	-	-	-	1.0
Subtotal – Lines	162.1	138.8	139.5	157.2	153.6
Customer Retail Meters	1.6	0.4	2.5	1.0	1.5
Total Sustaining Capital	172.2	146.9	152.3	170.7	178.7
Connections and Upgrades	104.6	105.9	103.9	101.8	110.1
System Capability Reinforcement	29.7	36.9	44.0	36.7	40.9
Distribution Generation Connection	1.5	1.8	8.4	3.9	5.9
Smart Grid	-	-	-	-	6.8
Wholesale Revenue Meters	11.1	9.7	11.4	10.8	7.3
Total Development Capital	146.8	154.2	167.7	153.2	171.0
Total Operations Capital	2.1	2.0	3.6	0.9	6.1
Information Technology	19.3	12.9	15.3	9.9	11.5
Cornerstone Initiative	-	33.8	28.0	48.1	41.8
Facilities & Real Estate	2.1	6.4	4.4	3.6	14.4
Service Equipment	2.2	4.5	5.3	6.7	6.6
Transport & Work Equipment	31.3	31.2	39.2	39.5	30.2
Conservation & Demand Management	2.9	7.9	-	-	0.6
Other	(0.5)	0.1	-	2.5	-
Total Shared Services	57.4	96.7	92.2	110.3	105.0
TOTAL CAPITAL EXPENDITURES	378.5	399.8	415.8	435.1	460.8

- 1 c. Sustaining capital for 2006 and 2007 (EB-2007-0681, Exhibit D1, Tab 3, Schedule 2)
- 2 contained capital associated with smart meters (\$14.1M for 2006 and \$118.6M for
- 3 2007) which has been removed from the above table.
- 4

School Energy Coalition (SEC) INTERROGATORY #6 List 1

Interrogatory

[B1/3/3,4,5 and 6] Please provide a table listing, for each of the Disaggregated Categories:

- a. The net book value at the beginning of the test year of assets replaced by the capital spending in the proposed program;
- b. The detailed impact of the removal from service of those replaced assets on the rate base, amortization, cost of capital and PILs in the test year; and
- c. A description of how that impact has been applied, if at all, to reduce the incremental revenue requirement of \$21,326,324 forming the basis of the incremental capital claim

Response

- a. Please refer to the interrogatory response in Exhibit I, Tab 8, Schedule 34.
- b. The calculation of each of the elements listed in the question may be found in Exhibit B2, Tab 1, Schedule 2 Appendix F.
- c. There is no further mitigation; all mitigation has been applied through the model.

School Energy Coalition (SEC) INTERROGATORY #7 List 1

Interrogatory

[B1/3/3, p.5] With respect to Strategic Spare Transformers:

- a. Please provide a chart showing the number of “major station failures” over each of the years 2003 through 2008, broken down by category if that information can easily be provided.
- b. Please provide a breakdown, for the same period, of the number of spare transformers purchased in each year, the number placed into service to replace transformers that failed, any other adjustments to numbers during the year, and the number of spare transformers in inventory at year end.
- c. Please provide the average lead times for spare transformers for each year during the same period.
- d. Please provide the internal document or policy (whether in a written document or otherwise) setting out the method by which the utility determines the number and type of spare transformers required at any given time. If that document or policy has changed since 2003, please provide all earlier versions back to the one in use on January 1, 2003.
- e. Please explain why the spares are below the “required levels” right now, identify when they dipped below those levels, explain why 2009 is the appropriate year to bring them up to the standard, and why they were not brought up to standard in 2008 or earlier.
- f. Please confirm that the spare transformers being purchased in the test year were ordered in 2008 and are being delivered in 2009. If any of the spare transformers included in the budget are being delivered in 2010, please advise why they are being included in 2009 capex.
- g. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

a. Major distribution station failures are as follows:

2008 – 21
2007 – 23
2006 – 25
2005 – 32
2004 – 37
2003 – 36

Please refer to Exhibit H, Tab 12, Schedule 26 of EB-2007-0681 for 2007 information

Please refer to Exhibit D1, Tab 2, Schedule 1, page 10 of EB-2007-0681 for 2004, 2005, and 2006 information.

Please refer to Exhibit H, Tab 1, Schedule 35 of EB-2005-0378 for 2003 information.

b. For 2008, 3 transformers and 1 regulator were purchased.

The number of spare transformers in year-end inventory for 2005 to 2007 is presented in Exhibit H, Tab 13, Schedule 44 of EB-2007-0681.

The remaining detailed information requested is not readily available and was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

c. Please refer to Exhibit B1, Tab 3, Schedule 3, Page 6 for lead time for purchasing new transformers and regulators. More detailed information on historic lead times was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

d. There is no one document that summarizes the methodology and considerations to be taken into account in establishing spare transformer requirements. Distribution transformers consist of many different categories depending on their required design functions such as capacity, primary voltage rating, secondary voltage rating and the requirement for a tapchanger. The spares in one category may not be technically feasible or cost effective to serve as a replacement for another category. Hydro One uses statistical modeling to predict the number of spare transformers required and to ensure a spare is available with a high degree of predictability when problems arise. After the statistical calculation, the number of spares required is analyzed to determine the numbers that would fit the present strategic spare refurbishment

1 strategy. This will take into consideration the number of available spares for rebuild.
2 This information is then used to decide on the purchase requirements.

- 3
- 4 e. This is a dynamic process. As soon as a transformer that cannot be repaired fails a
5 spare unit is used to restore service. Plans are then made to replace that unit so that
6 the “required” level is met to ensure availability for the in-service transformer
7 population.
- 8
- 9 f. The transformers ordered in 2009 are scheduled to be delivered in 2009 and 2010.
10 Any delays in delivery will mean other in-service additions can be completed.
- 11
- 12 g. The Investment Summary Documents (ISDs) are an input to the planning process.
13 The ISD for Strategic Spare Transformers is filed in Exhibit B1, Tab 3, Schedule 7,
14 Reference S1.

15
16 Additional documentation proposing the capital budget to the executive management
17 team was not required by the OEB in making their decisions on Hydro One
18 Distribution’s 2006 and 2008 Cost of Service rate applications.
19

School Energy Coalition (SEC) INTERROGATORY #8 List 1

Interrogatory

[B1/3/3, p. 7] Please confirm that the mobile substations have an average useful life before refurbishment of 14 years. If this is not the case, please advise the useful life between refurbishments. Please advise the number of mobile substations refurbished, and the number purchased, for each year from 2003 through 2008. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

Hydro One advises that mobile substations have an average useful life of 30 years with minor refurbishment after 15 years. The useful life of mobile substations can be extended to 50 years with major refurbishment at about mid-life, e.g. 25 years.

Information on the number of mobile substations refurbished from 2003 to 2008 is not readily available and was not required by the OEB in making their decisions on-Hydro One Distribution's 2006 and 2008 Cost of Service rate applications. There was no purchase of MUS from 2003 to 2008.

In EB-2007-0681 Hydro One filed interrogatory response Exhibit H, Tab 13, Schedule 2 which indicated the number of mobile substations for years ending 2003 to 2007.

Hydro One files Investment Summary Documents for capital programs or projects in excess of \$5 million which are an input to the planning process. This project's costs are \$1.5 million in the test year and did not require this document. In EB-2007-0681 an IJD for Mobile Substation Refurbishment was filed in Exhibit D2, Tab 2, Schedule 3, Reference S2. Please see Attachment 1.

Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

Filed: March 9, 2009
EB-2008-0187
Exhibit I-8-8
Attachment 1

**HYDRO ONE DISTRIBUTION- INVESTMENT JUSTIFICATION
MOBILE SUBSTATION REFURBISHMENT**

Hydro One Distribution– Investment Justification Mobile Substation Refurbishment

Investment Driver: DC 108**Reference #:** S2**Investment Name:** Mobile Substation Refurbishment**In-Service:** December, 2008**Need:**

This investment is required to provide for the safe operation of a fleet of 28 mobile substations and to maintain their performance at acceptable levels.

Consequences of not proactively managing the population of mobile substations include increased safety risks during transportation, an inability to restore power in a timely manner and the unavailability of replacement transformers required to complete maintenance programs thereby increasing reliability risks.

Investment Summary:

Hydro One Distribution's spare transformer strategy requires the availability of mobile substations for first-response power restoration.

As transportable mobile units, mobile substations must adhere to the requirements of the Highway Traffic Act. They receive annual inspections (time-based) for trailer certifications and power system components, as well as detailed inspections that occur each time units are dispatched for service. Inspection reports are used to track asset condition and to prioritize refurbishment.

This investment provides \$1.5 million to complete mobile substation refurbishments to correct equipment deficiencies, and to replace reclosers on Unit # 30 (115/27.6 kV) and to purchase a new 27.6/8 kV transformer for Unit # 02.

Results:

- Maintain customer reliability by ensuring the availability of mobile substations to restore power when in-service transformers fail.
- Ensures mobile substations remain in good repair and do not present safety hazards.
- Minimize the life cycle costs of station facilities by reducing operating and maintenance expenditures and outage requirements through an integrated spares and mobile substation utilization.

Costs:

	2008 (\$M)
Capital* and Minor Fixed Assets (A)	1.5
Operations, Maintenance & Administration and Removals (B)	-
Gross Investment Cost (A+B)	1.5
Recoverable (C)	-
Net Investment Cost (A+C)	1.5

*Includes Overhead and Allowance for Funds Used During Construction at current rates

School Energy Coalition (SEC) INTERROGATORY #9 List 1

Interrogatory

[B1/3/3, p. 8] With respect to Station Projects and Demand (Unplanned):

- a. Please explain why the heading for section 1.1.3 says “unplanned” but the body refers to a specific number of “planned” refurbishments.
- b. Please advise the number of stations, broken down by category if that information is readily available.
- c. Please advise the useful life of each category of station between refurbishments.
- d. Please advise, for each year from 2003 through 2008 (actuals), and for 2009 (proposed):
 - i. The number of station refurbishments started in the year;
 - ii. The number of station refurbishments completed and closed to rate base in the year;
 - iii. For each of those closed to rate base, the project length in months from approval to in service date
 - iv. The number of stations in service at year end.
- e. Please confirm that delay or reduction of the station refurbishments will not have a material impact on maintenance levels in the test year, but will have an impact on future years. Please quantify that impact.
- f. Please disaggregate costs associated with refurbishment of spill containment facilities with other refurbishment costs, for each year from 2006 through 2009.
- g. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Funding in Section 1.1.3 includes both Station Projects (planned) and Demand (unplanned) work hence the reason for the heading.
- b. The number of stations broken down by category is provided below:

Table 1: Number of Stations Managed By Station Sustainment - Distribution		
Station Type	Infobase ID	Number of Stations
Distribution Station	DS	926
Regulating Station	RS	77
Generating Station	GS	1
Totals:		1004

- c. There is no set period defined for refurbishments. It is based on asset condition factors from transformer diagnostic tests, component EOL (end of life), design issues, standardization needs, new technology and system upgrades to respond to load growth.
- d. i) and ii) Please refer to the interrogatory response in Exhibit I, Tab 6, Schedule 6 Part b).
- iii. The project length varies. The average project length from approval to in-service date is 18 months.
- iv. Please refer to the interrogatory response in Exhibit I, Tab 6, Schedule 6 Part b).

The information requested for 2003 to 2007 was not required by the OEB in making their decisions on either of Hydro One's 2006 or 2008 Cost of Service rate applications.

- e. The Distribution O&M program is such that it tracks equipment based on Reliability Centered Maintenance (RCM). By using this model yearly diagnostic tests are completed in conjunction with mandatory bi-annual station inspections bundling the work and providing information that determines the health of the equipment. If station refurbishments are delayed beyond the test year the monitoring and inspections will determine if the asset has reached or is reaching failure mode. There is a possibility of increased inspection and diagnostic tests that will be needed to determine the condition of the station and determine the possibility of an imminent failure. By keeping pace with the station refurbishments in a timely manner, system performance is kept at an acceptable level and funding levels are kept constant.

1 f. Distribution oil spill containment refurbishment work was \$0.3M in 2008 and the
2 2009 plan includes \$0.5M. This information was not required by the OEB in making
3 their decisions on either of Hydro One's 2006 or 2008 Cost of Service rate
4 applications.

5
6 g. Hydro One has filed Investment Summary Documents for capital in excess of \$5
7 million which are an input to the planning process. The ISD for Station Projects and
8 Demand is filed in Exhibit B1, Tab 3, Schedule 7, Reference S2.

9
10 Additional documentation proposing the capital budget to the executive management
11 team was not required by the OEB in making their decisions on Hydro One
12 Distribution's 2006 and 2008 Cost of Service rate applications.
13

School Energy Coalition (SEC) INTERROGATORY #10 List 1

Interrogatory

[B1/3/3, p. 9] With respect to Distribution PCB Retirement:

- a. Please confirm that the additional spare transformers and mobile substations are incremental to those included under headings 1.1.1 and 1.1.2.
- b. Please explain why incremental spare transformers and mobile substations are necessary rather than utilizing the existing stock of spare transformers and mobile substations.
- c. Please advise the numbers of spare transformers and mobile substations to be purchased to support the PCB Retirement program.
- d. Please advise the company's intention with respect to the use of these spare transformers and mobile substations at the completion of the PCB Retirement program.
- e. Please advise the company's current plans for spending in 2010 and 2011 on spare transformers and mobile substations for this program.
- f. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.
- g. For each of (a) through (f) above, please provide the same information with respect to the Transmission component of this program, and aggregate the two to show the total spending on the program.

Response

- a. Yes, the additional spare transformers and mobile substations under Distribution PCB retirement are incremental to those included under heading 1.1.1 “Strategic Spare Transformers” and heading 1.1.2 “Mobile Substation Refurbishment”.
- b. Refer to Exhibit B1 Tab 3 Schedule 7 page 5 Investment Summary Document S3 “Incremental PCB Programs to Address New Federal Legislation”, the requirements for transformers and mobile substations due to Distribution PCB Retirement are incremental as they are not part of the requirement to respond to transformer failures and provide back-up supply during certain maintenance activities. With the amendment of the Canadian Environment Protection Act on PCB Regulation requiring Hydro One to take significant actions to eliminate equipment containing PCB concentrations >500 ppm by December 2009, additional spare transformers and Mobile Unit Substations (“MUS”) need to be purchased to facilitate hundreds of additional outages required for the identification of PCB contaminated equipment. Spare transformers are needed to replace equipment that is being retrofilled. The existing fleet of spare transformers and MUSs are not able to respond to this added level of work, as the PCB regulations were not a consideration when the need for the existing level of spares was established.
- c. Three MUS and 16 transformers will be purchased. These will be delivered over a 2 year period with capital expenditures of \$10.2 million projected for 2009
- d. With the PCB Retirement Program, it is planned to change out single phase transformers with three phase transformers consistent with our present strategy. Single phase end of life transformers removed from service will either be scrapped or used to support the single phase population until such time as the single phase population is eliminated where feasible. Single phase transformers are not standard. Their unique design leading to “specials” being manufactured increases costs. Transformers bushings containing PCB’s that are not supported by bushing manufacturers due to age and design will be replaced. As the PCB Regulation called for the elimination of all equipment having PCB in oil greater than 50 ppm by 2025, there will be continued need to replace PCB contaminated transformers.

MUSs are required to support retrofills and bushing change-outs. Considering the large in-service transformer and bushing populations needing PCB retrofills or change out, additional MUSs need to be dedicated to the PCB Retirement Program. The PCB Retirement program is expected to be in place over the next 10 years, as such these units will be required for extended durations. Also, with an increasing trend for greater utilization of the distribution system, e.g., distributed generation and Smart Grid, it is expected that added modifications will be needed at Hydro One DSs to meet these demands and there will be an increasing need for MUSs.

1 e. Please refer to the interrogatory response in Exhibit I, Tab 7, Schedule 5, Part b.
2

3 f. Hydro One has filed Investment Summary Documents for capital in excess of \$5
4 million which are an input to the planning process. The ISD for PCB Retirements is
5 filed in Exhibit B1, Tab 3, Schedule 7, Reference S3.
6

7 Additional documentation proposing the capital budget to the executive management
8 team was not required by the OEB in making their decisions on Hydro One
9 Distribution's 2006 and 2008 Cost of Service rate applications.
10

11 g. Hydro One is not requesting funding at this time for the transmission component of
12 this program.
13

School Energy Coalition (SEC) INTERROGATORY #11 List 1

Interrogatory

[B1/3/3, p. 13] With respect to Trouble Call and Storm Damage Response:

- a. Please provide the trend calculation, specifying and quantifying all adjustments, justifying the 9% increase in spending.
- b. Please explain how the submarine cable budget fits into this category. Please quantify that component of this budget, for the test year, as well as actuals for each of the years 2003 through 2008.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Please refer to the interrogatory response in Exhibit I, Tab 6, Schedule 7, part (a).
- b. Please refer to the interrogatory response in Exhibit I, Tab 2, Schedule 2, parts (a) and (c).

Historical information was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.
- c. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for Trouble Calls and Storm Damage is filed in Exhibit B1, Tab 3, Schedule 7, Reference S4.

Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #12 List 1

Interrogatory

[B1/3/3, p 13] With respect to Joint Use projects:

- a. Please file the agreements referred to.
- b. Please confirm that expected recoveries related to 2009 spending in this category are being deducted from the 2009 budget, even if those recoveries are expected to be received in 2010 or later.
- c. Please provide a table setting out, for each of the years 2003 through 2008, plus proposed for 2009, the total number and cost of all joint use projects together with the amount recovered (or recoverable) in such year. If the projects can be broken down by category without significant effort, that would also be useful.
- d. Please explain why the percentage of recovery is so low, relative to the recoveries shown by other utilities for similar joint use projects. Using sample projects, please show how the recovery level ensures that the ratepayers are kept whole as to the cost of the projects.
- e. Please describe in detail any OM&A costs recovered as part of Joint Use projects. If any of the recoveries include OM&A, please provide totals of that recovery category for each year from 2003 to 2008 (actuals) and 2009 (proposed).
- f. Please file any internal documents or studies showing the percentage recovery for these projects for the Applicant relative to other utilities, whether in Ontario or elsewhere.
- g. Please provide, for each of the years 2003 through 2008 (actuals), and for 2009 (proposed) the breakdown of the joint use projects into the capital spending categories (e.g. Line Projects) into which they would be allocated but for the fact that they are carried out on a joint basis.
- h. Please provide a list of the “currently identified” joint use work for the test year, together with the forecast cost of each such project, and the recovery expected.
- i. Please provide an explanation as to why the company expects an increase in the demand for these projects by communication companies.

j. Please provide a copy of the calculation of the trend that formed part of the basis of the 2009 budget, together with any adjustments thereto.

k. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

a. Hydro One's agreements with joint use partners do not contain any further information which would elaborate on that provided in the pre-filed evidence.

b. Only the recoverable amounts received during 2009 will be deducted from the 2009 actual expenditures

c. Please refer to the interrogatory response in Exhibit I, Tab 8, Schedule 5, Part a) for 2008 actual costs. Historic costs for Joint Use and Line relocations are in EB-2007-0681, Exhibit D1, Tab 2, Schedule 3, page 13 and pages 16 and 17. The breakdown of project by category was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

d. With Telecommunication joint use partners other than Bell Canada, Hydro One recovers the full cost of the work required to accommodate the joint use partner. The agreement with Bell Canada is founded on the principle that both parties have ownership of joint use poles and the methodology used to derive the recoverable amounts is identical for both parties. Bell Canada owns about 40% of the joint use poles and Hydro One owns about 60%.

e. No OM&A costs have been requested as part of this application.

f. Hydro One does not have any studies or internal documents that compare recoverable amounts with other utilities.

g. This information was not required by the OEB in making their decision on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

h. The 2009 projects currently underway in various stages are listed below. Most projects are in the preliminary stages as such the details on each project would not be helpful.

1

Bell East Bay Rd Skead
Bell line relocate Boughner rd
Bell Poles Conc Rd 3 Essex
Cty Rd 8 Bell Alliant
Hwy 105 Red Lake Bell Make Rea
Bell County Rd 46 Havelock
Bell County Rd 46 Nephton
Amtelecome JU Make Ready
CONSTANCE BAY AMAS Bell request
Bell Request - Riopelle Rd
Bell Request 2 Loop Road Fibre
Bell JU SDG CTY Rd 19
W3 Connex section 2 Lindsay
HALDIBROOK RD MAKE READY
Hwy 31 Telecom Ottawa
Cornwall Elec LTLT Make Ready
Lagoon Lane JU Make Ready
JU Amtelecom Make Ready
Tbay Tel Fiber Make Ready PH 2
Brant County Power - for Power
CAMBRIDGE HYDRO J/U POLE LINE
Rogers make Ready
Port Elgin Traffic Lights
Rogers Cable 2nd Fibre Cable R

2

3 i) The projection for joint use and line relocation projects are based on a 4 year
4 weighted average. Please see interrogatory response in Exhibit I, Tab 8, Schedule 13,
5 part g. This methodology was accepted as part of EB-2007-0681.

6

7 j) Please see interrogatory response in Exhibit I, Tab 8, Schedule 13, part g.

8

9 k) Hydro One has filed Investment Summary Documents for capital in excess of \$5
10 million which are an input to the planning process. The ISD for Joint Use &
11 Relocations is filed in Exhibit B1, Tab 3, Schedule 7, Reference S5.

12

13 Additional documentation proposing the capital budget to the executive management
14 team was not required by the OEB in making their decisions on Hydro One
15 Distribution's 2006 and 2008 Cost of Service rate applications.

16

School Energy Coalition (SEC) INTERROGATORY #13 List 1

Interrogatory

[B1/3/3, p. 14] With respect to Line Relocation projects:

- a. Please provide a table setting out, for each of the years 2003 through 2008, plus proposed for 2009, the total number and cost of all line relocation projects together with the amount recovered (or recoverable) in such year. If the projects can be broken down by category without significant effort, that would also be useful.
- b. Please explain why the percentage of recovery is so low, relative to the recoveries shown by other utilities for similar line relocation projects. Using sample projects, please show how the recovery level ensures that the ratepayers are kept whole as to the cost of the projects.
- c. Please describe in detail any OM&A costs recovered as part of line relocation projects. If any of the recoveries include OM&A, please provide totals of that recovery category for each year from 2003 to 2008 (actuals) and 2009 (proposed).
- d. Please file any internal documents or studies showing the percentage recovery for these projects for the Applicant relative to other utilities, whether in Ontario or elsewhere.
- e. Please provide a list of the “currently identified” line relocation work for the test year, together with the forecast cost of each such project, and the recovery expected.
- f. Please confirm that expected recoveries related to 2009 spending in this category are being deducted from the 2009 budget, even if those recoveries are expected in 2010 or later.
- g. Please provide a copy of the calculation of the trend that formed part of the basis of the 2009 budget, together with any adjustments thereto.
- h. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and

any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Line Relocation project costs are available for projects that exceed \$50,000. The 2008 and 2009 information for these projects are contained in the table below. (Line relocation projects that cost less than \$50,000 are managed together with Joint Use projects of similar size and as a result separate cost information is not readily available.)

	2008	2009
Line Relocations Gross Costs	18.1	16.2
Line Relocation Recoverable	5.5	3.8
# number of projects	135	162*

*Number of projects on the books as of the end of February 2009.

Historical information for line relocation projects was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

- b. The methodology for calculating recoverable amounts is the same as other LDCs in Ontario. The methodology is defined in the Public Service Works on Highway Act, R.S.O 1990, Chapter P.49.
- c. No OM&A recovery is being requested as part of line relocation projects.
- d. Hydro One does not have any internal documents that compare other LDC recoverable amounts to Hydro One.
- e. The 2009 projects currently underway are listed below. Most projects are in the preliminary stages, as such the details on each project would not be helpful.

MTO Relocation Hwy 11
MTO HWY 410 RELOCATE CALEDON
MTO Hwy 24 Glen Morris Rd
MTO_ JOHN BLAIKIE_RELOC_HWY 7
MTO HWY12 RELOCATE
MTO Hwy 7 Relocate
MTO HWY 11 SOUTH RIVER
MTO HWY 6 GUELPH TO ARTHUR
MTO HWY 15 LINE RELOCATE

MTO Hwy 11 Englehart
MTO Hwy 11N Sundridge
Hwy 28 Youngs Point Burleigh F
Hwy 62, 401 to Stirling
ROSS AVE RELOCATE
Cnty Rd 28 Simcoe
MTO NORTH SERVICE RD
MTO Hwy 10 Caledon
MTO Hwy 17 Hawk Lake
Hwy 11 Sundridge Hunstville
MTO HWY 11 AND 101 INTERSECTIO
MTO Hwy 7 East
MTO Hwy 404 crossing
Beatty Creek Bridge Relocate
Hwy 400 King Rd Relocate
MTO Hwy 6 Relocate
MTO Hwy 11 North
MTO Hwy 17
MTO Kabinakagami Relocate
MTO Burk Falls North
MTO Berrydale To Valleyview
MTO Sturgeon River Crossing
MTO Hwy6 Druham_Grey Cty Rd 9
MTO Hwy 21 Tiverton_Kincardine
MTO Hwy 69 South 4 lanning
MTO Hwy 8 Relocate Goderich
MTO Trent River Bridge
MTO Hwy 7 Actinolite Tweed
MTO Hwy 77 Blytheswood to Stap
Hwy 77 Leamington Essx
Hwy 48 and Millard st Relocate
MTO Hwy 10 and Old School Rd
Rob Jolly Exeter Line Relocate
MTO Hwy 34 relocate
Wounderland DS MTO REL
Hwy 7 and Hwy 28 MTO relocate
MTO Hwy 40 Relocate
MTO Hwy 417 White lake Rd
MTO relocate-Opasatika River B
HWY #26 REHABILITATION

Filed: March 9, 2009

EB-2008-0187

Exhibit I

Tab 8

Schedule 13

Page 4 of 7

Hwy 26 realignment
Key River Bridge Replacement
MTO Hwy 3
MTO Relocate Hwy 69
REGION-YORK-RAVENSHOE-RELOCATE
Main St Line Relo Stouffville
Forks of the Credit Relocate
SDG Cty Rd 23 44kv line reloca
MER BLEUE ROAD WIDENING
Bloomington Rd Relocate
Tenth Line Rd Relocate Pumping
Baseline and Green Rd Relocate
Regional Niagara Hwy 20
Region of Peel Gore Rd Rehab
Bruce Grey Town Line Cty Rd 10
WOODBINE AV RELOCATE NEWMARKET
Dixie Rd Relocate Reg of Peel
Hwy 2 Relocate Durham
COUNTY RD 44 RELOCATE
REPLCMENT OF BRIDGE WELLINGTON
County of Grey Rd 10 Relocate
Stouffville Rd Relocate York
Municipal Road 80 Relocate
Region of Grey - Blue Mountain
Walnut Grove Feeder Relocate
Taunton Rd Relocate
Lake Temagami Road Relocate
Patillo Rd Relocate
Nissouri Road Relocate
Healey Rd and Hwy 50 Relocate
Main St Stouffville Relocate
East Rd Relocate
County Rd 28 Simcoe County
Reg Rd 50 and Mayfield Rd Peel
Catherine St Relocate Middlese
Mt Albert Rd to Warden Ave
County Rd 44 Phase 2
Cty Rd 1 to Cty Rd 50 Alliston
CN Track and Cty Rd 4 Relocate
Patillo Rd Relocate

Durham 21 and 23 Relocate
Main St and 10th Line Stouffvi
Regional Rd 88 Relocate
Roberts Line Relocate
Carp Retirement Residence Relo
County Rd 6 Relocate
County Rd 15 Relocate
Alexandria Cty Rd 34 Relocate
Williamson Bridge Reg Rd 13
Kemptville Colonade Relocate
Bay of Quinty Mohawks Relocate
Bradford 6th Line Relocate
St Joseph Blvd relocate
McCowen RD Pumping ST REL
Cty Rd 30 Line Relocate
Village of Plattesville
Relocate Hwy 27 & King Rd
Relocate of Kleinburg TS at Hw
Woodbine Ave.& Warden Rd. Relo
Kennedy to Warden Relocate
McCowan Rd. to Kennedy Relocat
Hwy 48 to Stouffville Road rel
John Counter BLVD Realignment
Southdale Rd Line relocate
Springer Road Reconstruction
South Cote Rd Widening
Reg Rd 20 and Haist street rel
King st Bobcaygeon line reloca
Black Bridge Line Relocate
Black Creek Bridge Replacment
Simcoe Cty Rd. 44 Ph 3
Bruno Knoepfli-Z2 Relocate
HILDEN HOMES THURLOW TWP
Kemptville Prescott St Beautif
Prim Underground Sw Cumberland
Florence St Timmins M6
Trent Hills Water Front Ph2
Honda Relocate 9M11
Veridian Winhara Rd Relocate
Parkdale Ave Relocate Brockvil
Red Leaves Relocate Cleveland
Crown Ridge Relocate

Filed: March 9, 2009

EB-2008-0187

Exhibit I

Tab 8

Schedule 13

Page 6 of 7

Ed Dirse Relocate
Ann St Relocate
Craft Development Relocate
Boston Mills F3
Alpine Ski Relocate
Attridge Relocate
McGregor Quarry North side Roa
Trillium Lane Relocate
Honda 9M11 and 9M12 relocate
Mattamy Homes Relocate
Wawaitain GS M8 Relocate
Russett Dr Relocate
Keeler Terrace Relocate
Townline Rd Turning Lanes
Mauro Ph 3 44Kv Relocate
Relocate Church Rd Laclu
Canadian Renewable Energy
Goldmanco Line relocate
LVM Canadian Renewable Energy
Rivermill 44KV line and ABS re
Smiths Falls Hospital relocate
Manning Rd Line Relocate
OptiSolar Solar Farm
Hwy 27 Schomberg Intersection
Stouff Con Eight Develment Rel
Ledgecroft Farms Generation
Forest Creek Line Relocate
Relocates CM 7731
14th Conc Rd @ Indian Line Ma
MTOHwy 69 phase 2
OTONABEE M27 FEEDER Line Reloc
YDSS Sewer Trunk, York Region

- 1
- 2 f. The recoverable amounts received during 2009 will deducted from the 2009 actual
- 3 expenditures.
- 4
- 5 g. Net Line Relocation capital expenditures are forecast together with net Joint Use
- 6 capital expenditures. The forecasting methodology is based on a 4-year weighted
- 7 average using escalated historic expenditures. The details of this calculation are
- 8 provided below.
- 9
- 10

1

	2004	2005	2006	2007	2008 Projected	2009
Current Year \$M	19.2	22.0	24.0	27.1		-
Escalated 2009 \$M	22.3	24.8	26.2	28.8		-
Weighting	10%	20%	30%	40%		-
Forecast	-	-	-	-	23.7	26.5

2

3 h. Hydro One has filed Investment Summary Documents for capital in excess of \$5
4 million which are an input to the planning process. The ISD for Joint Use and
5 Relocations is filed in Exhibit B1, Tab 3, Schedule 7, Reference S5.

6

7 Additional documentation proposing the capital budget to the executive management
8 team was not required by the OEB in making their decisions on Hydro One
9 Distribution's 2006 and 2008 Cost of Service rate applications.

10

School Energy Coalition (SEC) INTERROGATORY #14 List 1

Interrogatory

[B1/3/3, p. 16] With respect to Wood Structure Replacement:

- a. Please provide the full wood pole replacement strategy or policy currently in use at the company.
- b. Please provide a copy of the calculation of the trend that formed part of the basis of the 2009 budget, together with any adjustments thereto.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Hydro One Distribution's wood pole replacement strategy is outlined in Exhibit B1, Tab 2, Schedule 3, page 16, lines 6 through 10. As described in that exhibit, the strategy contains the following elements:
 - Defined End-of-Life Criteria – Hydro One Distribution has developed end-of-life criteria that are based on CSA criteria for pole strength and are designed to identify poles that pose an increased risk of failure and thus increased safety and reliability risks.
 - Asset Condition Assessments (ACA) - Hydro One Distribution conducts pole inspections and tests on its pole plant to assess condition and to identify specific poles that have met the defined end-of-life criteria.
 - Pole Replacement – Hydro One Distribution replaces those poles identified through ACA activities to have met the end-of-life criteria. The majority of these poles are replaced through the dedicated Wood Structure Replacement Program on a planned basis to mitigate safety and reliability risks.
- b. The 2009 projection of 7,000 pole replacements is based on recent asset condition assessment findings indicating that on average, 3% to 4% of the poles assessed require replacement. The pole assessments during 2006 and 2007 found that 3.2% and 3.1% respectively were found to be substandard. These end of life poles formed the projection for 2009.

Filed: March 9, 2009

EB-2008-0187

Exhibit I

Tab 8

Schedule 14

Page 2 of 2

- 1 c. Hydro One has filed Investment Summary Documents for capital in excess of \$5
2 million which are an input to the planning process. The ISD for Wood Structure
3 Replacement is filed in Exhibit B1, Tab 3, Schedule 7, Reference S6.
4

5 Additional documentation proposing the capital budget to the executive management
6 team was not required by the OEB in making their decisions on Hydro One
7 Distribution's 2006 and 2008 Cost of Service rate applications.
8

School Energy Coalition (SEC) INTERROGATORY #15 List 1

Interrogatory

[B1/3/3, p. 17] With respect to the Waste Management Capital Program;

- a. Please provide at table setting out, for each year from 2003 through 2008 (actuals), and for 2009 (proposed);
 - i. The number of waste storage tanks replaced,
 - ii. The total cost of those replacements, and
 - iii. The number of waste storage tanks in service at year end.
- b. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a.
 - i) No waste storage containers were replaced between 2003 and 2007. 11 units were replaced in 2008 and materials were purchased for 2009. 50 units are planned for replacement in 2009.
 - ii. The 2008 actual expenditure was \$0.6 M and the proposed 2009 expenditure is \$1.4 M.
 - iii. Since 2003, Hydro One Waste Management Sites have been equipped with approximately 815 waste storage containers and tanks.
- b. Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #16 List 1

Interrogatory

[B1/3/3, p. 17] With respect to Line Projects:

- a. Please file the report, study, or other document(s) that identified the problem of “corroded concentric neutral wires” and recommended the solution to that problem.
- b. Please disaggregate the budget and actuals in this category, for each of the years 2003 through 2008 (actuals) and 2009 (proposed) into the amounts relating to submarine cables and all other amounts.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. ‘Corroded concentric neutral wires’ is an aging characteristic of submarine cables. Hydro One has studied and assessed this problem as part of an overall Asset Condition Assessment.
- b. The following table provides the actual Line Project expenditures for 2004 through 2009 as well as the amounts related to submarine cables and all other amounts:

	2004	2005	2006	2007	2008 Actuals	2009 Forecast
Line Projects Total (\$M)	15.6	14.5	17.0	19.8	20.4	24.2
Submarine Cable Amounts (\$M)	1.6	1.3	1.9	1.7	3.0	3.1
All Other Amounts (\$M)	14.0	13.2	15.1	18.1	17.4	21.1

- c. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for Line Projects is filed in Exhibit B1, Tab 3, Schedule 7, Reference S7. Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution’s 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #17 List 1

Interrogatory

[B1/3/3, p. 18] With respect to PCB Contaminated Pad Mount Transformers:

- a. Please provide the project documents summarizing the entire PCB project, including all components, and including both capital and OM&A expenses, for both distribution and transmission.
- b. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

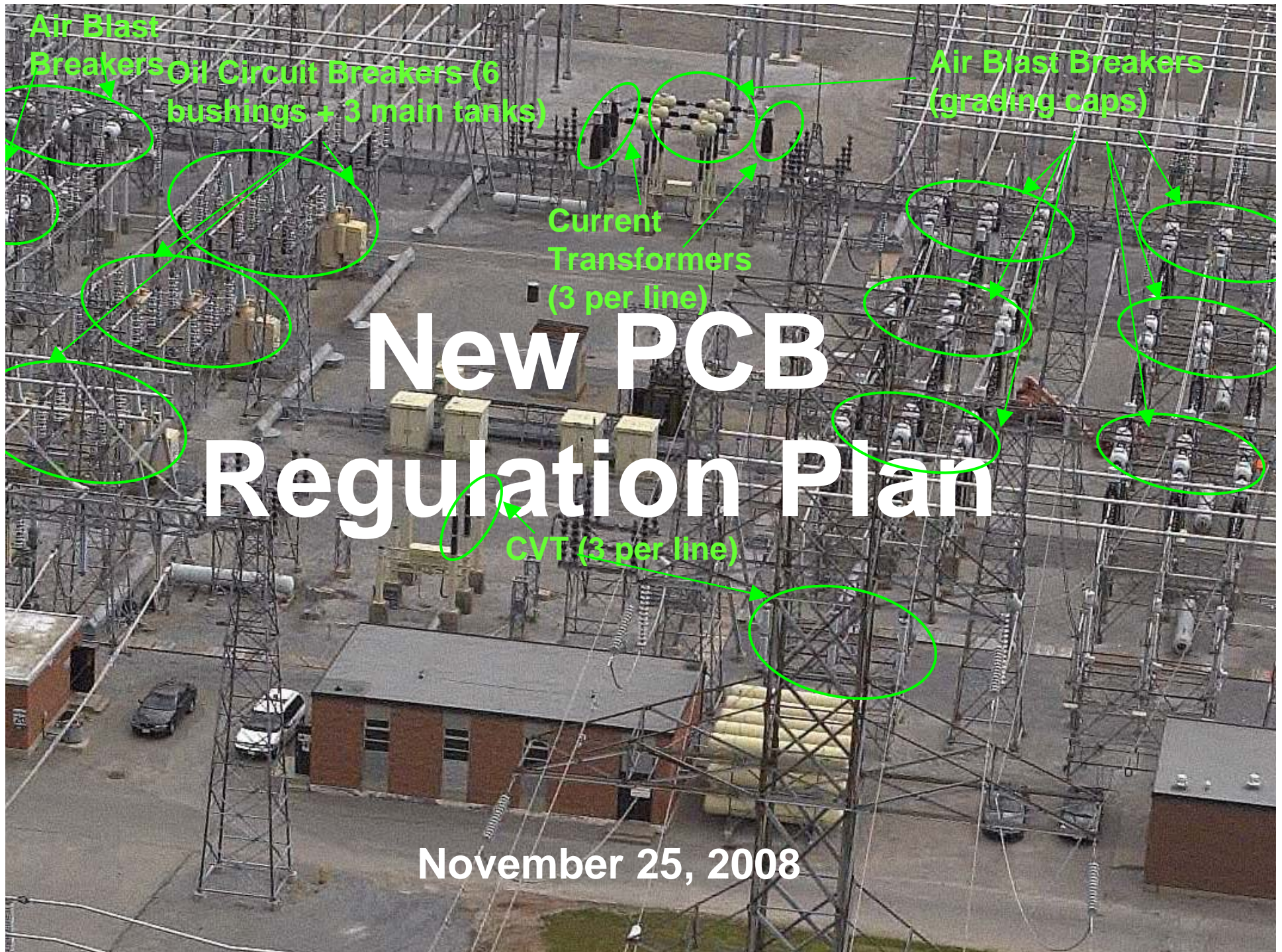
Response

- a. Detailed information pertaining to the PCB project related to this filing (EB-2008-0187) is contained in Exhibit B1, Tab 3, Schedule 7. The Investment Summary Document S3 on pages 5 and 6 details the relevant expenditures and specifically indicates that \$1M has been planned to replace 100 pad mount transformers that Hydro One forecasts to find with PCB content in excess of 500 ppm. Information related to transmission spending or OM&A expenses is not a part of the current filing.
- b. Attachment 1 is the presentation which was delivered to the Hydro One Networks' Board of Directors.

Filed: March 9, 2009
EB-2008-0187
Exhibit I-8-17
Attachment 1

1
2
3
4

**NEW PCB REGULATION PLAN
PRESENTED TO THE HYDRO ONE NETWORKS' BOARD
ON NOVEMBER 25, 2008**



Air Blast
Breakers

Oil Circuit Breakers (6
bushings + 3 main tanks)

Air Blast Breakers
(grading caps)

Current
Transformers
(3 per line)

New PCB Regulation Plan

CVT (3 per line)

November 25, 2008

Legislation Update

- CEA(letter Nov 14/08) pushing EC for extension to 2025 for >500ppm equipment (decision expected Dec-08) :
 - bushings
 - instrument transformers
 - breakers
- Waiting decision on (expected Dec-08):
 - Pole mount capacitors for inclusion pole mount auxiliary equipment with exemption to 2025
- Guiding principles document, developing with Canadian utilities (expected by Q2-09)

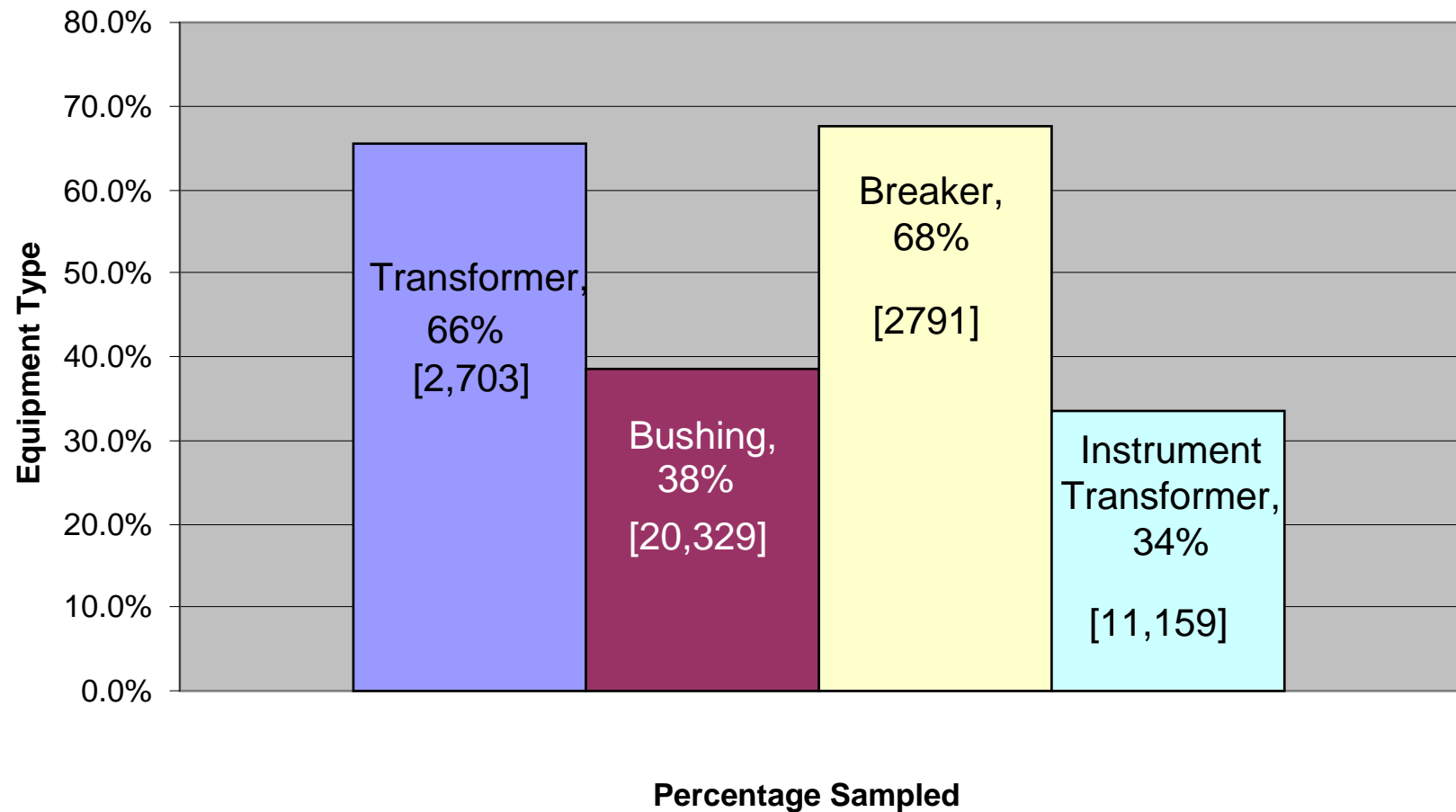
Impact on Stations Equipment

Equipment Affected	Action	End Date
Transformers and Cap Banks >500ppm	<ul style="list-style-type: none">•remove from service or retrofill•limited to DS and SS transformers	Dec. 31, 2009
Breakers, bushings, instrument transformers >500ppm	<ul style="list-style-type: none">•remove from service or retrofill•CEA lobbying EC to push to 2025	Dec. 31, 2009

Impact on Lines Equipment

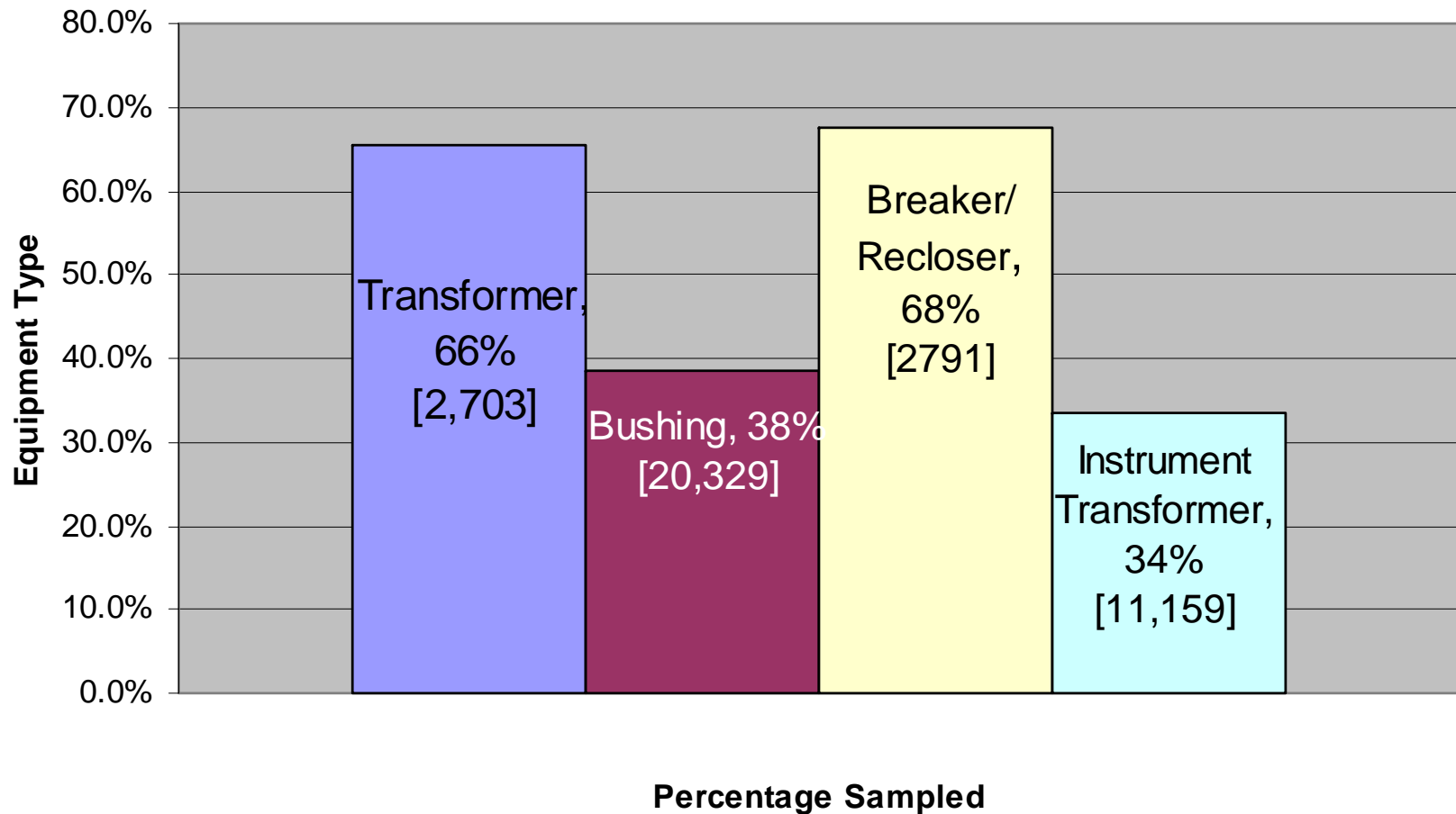
HO Equipment Affected	Action	End Date
•Pad Mount Transformers	•Inspect, Test & Replace	Dec 31, 2009
•Pole Mounted Capacitors	•Inspect & Replace •Waiting for decision on if included with pole mounts, push to 2025	Dec 31, 2009

Tx Percentage Sampled vs. Equipment Type



- mostly difficult equipment / components are what is left to be sampled
- #s in [] are total isolated oil volumes per equipment type

Tx Percentage Sampled vs. Equipment Type



- mostly difficult equipment / components are what is left to be sampled
- #s in [] are total isolated oil volumes per equipment type



Bushings



Grading caps



Even MUS
equipment requires
sampling



Stations 2009 Plan

Action	LOB	Start	Complete	Cost (\$M)	Comments
obtain additional insulating oil	Grid Operations	Nov-08	Q2-09	1.60	no significant additional labour
obtain spare inventory to cover breakage	Asset Management	Jan-09	Q1-09 to Q4-10	3.00	currently implementing technical evaluation
consolidate existing PCB tests and transfer data to SAP	Asset Management	Nov-08	Q1-09	0.50	no significant additional labour
develop sampling and retrofill procedures	Grid Operations	Jan-09	Q1-09	0.50	additional staff required (resourcing to be determined)

Stations 2009 Plan

Action	LOB	Start	Complete	Cost (\$M)	Comments
Obtain MUS's for both Tx/Dx	Asset Management	Nov-08	Q1-09	6.5	<ul style="list-style-type: none"> •units must be available for 230 and 115kV for Tx •Units must be available for 115kV and 44/27.6kV for Dx
execute sample/retrofill program	Grid Operations	Jan-09	Q4-14	1.40	coordinate with existing maintenance tasks/outages. Additional labour required (resourcing to be determined)
Total				13.5	

Lines 2009 Plan

ACTION	LOB	Start	Complete	Cost (\$M)	Comments
Pad Mount Transformers Records Review & Data Mining	Asset Management	November 2008	Jan-09	-	data mining of databases to narrow down targeted pad mount population (resourcing to be determined)
Pad Mount Transformers Inspect & Test for PCB content >500ppm	Customer Operations	January 2009	Jun-09	3.1	after data mining 26,000 unit pad mount population, est. 5,500 units targeted for Inspect & Test (resourcing to be determined)
Pad Mount Transformers Replacement of units with PCB content >500ppm	Customer Operations	July 2009	Year End 09	0.73	estimate ~100 units will require replacement (resourcing to be determined)
Pole Mount Dx Capacitors - Inspect for Date of Manufacture	Customer Operations	January 2009	Apr-09	0.75	inspect 2000 locations for pre 1985 date of manufacture (resourcing to be determined)
Pole Mount Dx Capacitors - Replacement of units with pre 1985 manufactures date	Customer Operations	May 2009	Year End 09	7.5	estimate ~1000 units will require replacement (resourcing to be determined)
Total				12.1	

School Energy Coalition (SEC) INTERROGATORY #18 List 1

Interrogatory

[B1/3/3, p. 19] With respect to Customer Retail Meters:

- a. Please explain how, if at all, the budget for this category is impacted by the smart meters program.
- b. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. The budget for New Connections & Upgrades is not impacted by the Smart Meters Program. The Smart Meters Program funds the incremental costs of Smart Meters. The dollar amount in New Connections & Upgrades reflects the cost of conventional meters.
- b. Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #19 List 1

Interrogatory

[B1/3/4, p. 2] With respect to Connections and Upgrades:

- a. Please provide a detailed breakdown of the proposed \$110.1 million budget in this category, and for each of the subcategories identified in the detailed breakdown, provide historical actuals for each year from 2003 through 2008. Please provide the assumptions and calculations referred to at B1/3/7, p. 15.
- b. Please provide empirical statistical (not anecdotal) evidence of the increases in equipment and material costs referred to, including quantification of their impacts.
- c. Please provide a dollar breakdown for the test year of the amounts included in this category for:
 - i. upgrading of transformers,
 - ii. installation of additional transformers, and
 - iii. replacement of meters.
- d. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

a.

	<i>New Connections</i>	<i>Service Upgrades</i>	<i>Eliminate LTLT</i>	<i>Retail Revenue Meters</i>
<i>2008 Actual (\$M)</i>	80.0	20.7	0.0	1.1
<i>2009 Forecast (\$M)</i>	82.3	24.1	0.4	3.3

Please refer to the interrogatory response in Exhibit I, Tab 5, Schedule 8 for the assumptions referred to in Exhibit B1, Tab 3, Schedule 7, page 15.

- b. Please refer to the EB-2008-0272 interrogatory response provided in Exhibit I, Tab 1, Schedule 10. The company has not seen any downward pressure on material and/or

1 contractor costs to date. In many cases Hydro One has locked into contracts for
2 equipment purchases in order to guarantee timely delivery and for quality assurance
3 purposes. As such, the current economic situation, including commodity price
4 changes and foreign exchange calculations, will not impact 2009 spending.

5

6 c. This information was not required by the OEB in making their decisions on either of
7 Hydro One's 2006 or 2008 Cost of Service Rate applications.

8

9 d. Hydro One has filed Investment Summary Documents for Capital in excess of \$5
10 million which are an input to the planning process. The ISD for Connections and
11 Upgrades is filed in Exhibit B1, Tab 3, Schedule 7, Reference D1.

12

13 Additional documentation proposing the capital budget to the executive management
14 team was not required by the OEB in making their decisions on Hydro One
15 Distribution's 2006 and 2008 Cost of Service rate applications.

16

School Energy Coalition (SEC) INTERROGATORY #20 List 1

Interrogatory

[B1/3/4, p. 3] With respect to System Capability Reinforcement:

- a. Please identify the amounts in each of 2006 through 2008 actuals that are equivalent to the expenditures shifted to the Smart Grid Program for 2009.
- b. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Dollars were only shifted in 2009.
- b. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for System Capability Reinforcement is filed in Exhibit B1, Tab 3, Schedule 7, Reference D2.

Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #21 List 1

Interrogatory

[B1/3/4, p. 5] With respect to Generation Connections:

- a. Please provide details of the “capacity limitations” referred to. Please reconcile this statement with the statement in section 1.4 that the company is expecting a substantial “influx” of generators being connected to the distribution system.
- b. Please estimate the impact of the Green Energy Act on this plan.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

a. **Capacity Limitations**

Capacity limitations are put in place by electric utility companies (transmission and Distribution) to respect equipment ratings and to ensure safe, reliable and secure operation of the electrical system. Hydro One has two broad categories of capacity limits for the purpose of connecting all customers including generator customers to the Hydro One distribution system which operates at voltages less than 50 kV. These capacity limits apply to the distribution feeders that the customers are connected to or are planning to connect to, and the upstream supply for these distribution feeders.

Feeder Capacity Limits: These apply for the connection of all customers including generator customers on any single distribution line. These limits are typically determined by technical factors such as acceptable level of supply voltage and the rating of the equipment such as conductors and switches on the single distribution line. Feeder capacity limits for a single distribution line varies from one line to another based on specific technical factors that impact the safe and reliable operation of the line but must not exceed 400 Amps for any section of the distribution line. The 400 Amp limit has been developed by Hydro One to allow distribution lines to provide some degree of back up to each other and to respect distribution line equipment rating.

Station Capacity Limits: Connection of generators on distribution systems downstream of Hydro One substations could impact the equipment at these stations and the safe and reliable operation of the station. As such, Hydro One has developed acceptable limits for the amount of generation that can be connected on the

distribution system downstream of the substation. Acceptable generation limits have been developed to address the following two impacts:

- ***Impact on Station Rating***

Large penetration of generation on the distribution system downstream of a substation could push power back to the substation. Under certain conditions when the total generation exceeds the station load, the excess power would flow through the substation transformers into the higher voltage system supplying the substation (Reverse Flow). Acceptable generation limits have been developed to ensure that the Reverse Flow at the station is within the station rating. Acceptable generation limits vary from one station to another depending on the loading at the station and the rating of that station.

- ***Impact on Station Short Circuit***

Generating facilities that are connected to a distribution system downstream of a substation do contribute to the station short circuit values when a fault occurs at that station. Short circuit levels at Hydro One stations are limited to the fault interrupting capability of the equipment at the station and must not exceed the Ontario Energy Board (OEB) – Transmission System Code (TSC) limits. Hydro One determines the amount of generation that can be connected on the distribution system downstream of a substation to ensure that equipment impacts are identified and TSC limits are respected. Again, the amount of generation that can be connected varies from one station to another depending on system conditions and equipment rating.

In 2009, Hydro One is expecting an influx of generation connection applications, when the Green Energy Act is approved. Hydro One will need to modify and upgrade the existing system facilities to facilitate the connection of increased generation as well as ensure the “capacity” limitations are met.

b. **Impact of Green Energy Act**

The Green Energy Act is a major initiative by the Government of Ontario and amongst other things, it encourages the development of renewable energy resources as well as energy conservation and demand management (CDM). Hydro One expects this Act to result in an increase in the generation connections work. Government initiatives and incentives for development of renewable energy resources such as wind and solar is expected to result in an influx of applications for generation connections especially on the Hydro One distribution system. Hydro One will need to modify and upgrade the existing system facilities to facilitate the connection of increased generation.

- 1 c. Hydro One has filed Investment Summary Documents for capital in excess of \$5
2 million which are an input to the planning process. The ISD for Distribution
3 Generation Connection is filed in Exhibit B1, Tab 3, Schedule 7, Reference D3.

4

5 Additional documentation proposing the capital budget to the executive management
6 team was not required by the OEB in making their decisions on Hydro One
7 Distribution's 2006 and 2008 Cost of Service rate applications.

8

School Energy Coalition (SEC) INTERROGATORY #22 List 1

Interrogatory

[B1/3/4, p. 5] With respect to the Smart Grid project:

- a. Please provide project documents summarizing the entire Smart Grid project, including both distribution and transmission, and including both capital and OM&A expenses, and including any business case(s) in the possession of the company.
- b. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 6.
- b. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for Smart Grid Program is filed in Exhibit B1, Tab 3, Schedule 7, Reference D4.

Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #23 List 1

Interrogatory

[B1/3/5, p. 2] With respect to System Enhancement Projects:

- a. Please file in this proceeding the direct evidence from EB-2007-0681 for the three projects for which the company advises that the Board has already approved the 2009 spending in the 2008 rate proceeding.
- b. Please disaggregate the budget and 2008 actuals into the six named programs.
- c. Please explain why the replacement of the mobile radios is a new program. To what extent, if any, have mobile radios been replaced in the past. Please disaggregate the budget for this program into replacements and upgrades.
- d. Please provide details of the ORMS pilot, including the internal report on the results.
- e. Please explain how the Transfer DS Control Authority program qualifies as capital spending rather than OM&A.
- f. For each of the six projects in this category, please quantify, for the test year and each subsequent year, the expected savings in capital or OM&A costs resulting from the expenditure.
- g. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. In the Proceeding EB-2008-0681, the Board approved 2008 costs only, not 2009 costs.
- b. The table below provides the 2008 actual costs and the 2009 proposed spending.

Description	2008 Actual (\$M)	2009 Proposed (\$M)
Distribution Operating Facilities Sustainment	0.3	1.3
Real-Time Feeder Analysis	0	1.8
OGCC Historical Data Management for Distribution Operations	0	0.4
Provincial Mobile Radio System Upgrade	0.3	0.6
ORMS Mobile IT Integration	0	1.7
Transfer DS Control Authority	0.1	0.3
Total (\$M)	0.7	6.1

- c. The Provincial Mobile Radio System Upgrade (PMRS) is not intended to replace mobile radios. It has two objectives: 1) replacement of end-of-life radio base station equipment at towers throughout Ontario, most of which dates from the 60's and 70's. 2) Upgrades to the system to allow voice connections between PMRS and the public telephone system.
- d. The ORMS dispatching and update function is currently done via dispatchers at the OGCC communicating with trouble trucks via cell phone. This pilot introduced rugged mobile technology using Cellular communications infrastructure to empower the field crews to receive trouble calls electronically and enable the field crew to update the trouble call with current data shortly after work has been performed or a change in status has occurred. Trucks in a selected area were outfitted with a mobile computing environment and cellular based communications. The initial results of the pilot have been highly successful; however a complete evaluation of the results is still pending.
- e. Transfer DS Control Authority required enhancements to the NMS in order to provide automated monitoring and control of the requisite distribution stations. It enhances the functionality and value of Hydro One assets, and is therefore considered capital spending.
- f. Given the significant lead time for these projects, none will result in savings during 2009.

- 1
- 2 g. Additional documentation proposing the capital budget to the executive management
- 3 team was not required by the OEB in making their decisions on Hydro One
- 4 Distribution's 2006 and 2008 Cost of Service rate applications.
- 5

School Energy Coalition (SEC) INTERROGATORY #24 List 1

Interrogatory

[B1/3/6, p. 3] Please file:

- a. The full capitalization policy for hardware and software expenditures applicable to the test year, plus any prior versions of that policy applicable to the years 2003 through 2008.
- b. The “approved business strategies” referred to.
- c. The “IT Governance process” referred to.
- d. The “formal review process” referred to.
- e. For each of the proposed projects, the results of the formal review process.

Response

- a. Please refer to Interrogatory response in Exhibit I, Tab 1, Schedule 2, Attachment 1 for a copy of Hydro One’s Capitalization Policy.
- b. Please see the 2008 Hydro One Strategic Objectives in Table 1 below.


Table 1

Strategic Objective	Performance Measure	5 Year Target
Ensuring public and worker safety	Lost Time Injuries	0.0 lost time incidents
Satisfying our customers and partnering with the communities we serve	Customer Satisfaction	90% Satisfied
Focusing on continuous innovation to ensure a modern, flexible and smart electricity grid	Smart Meters Installed	1.3 million operating Smart Meters
Building and maintaining reliable and cost-effective transmission and distribution systems	Tx Frequency of Customer Unplanned Interruptions	First Quartile of Utility Comparables
	Tx Duration of Customer Unplanned Interruptions	First Quartile of Utility Comparables
	Major Projects	on time; on budget
	Dx Duration of Customer Interruptions	Steady Improvement
Protecting and sustaining the environment for future generations	Environment Index	95% of milestones completed
Developing critical skills and knowledge retention in the face of demographic change	Skills and Safety Training	95% Completed
	Management Development	95% Completed
Creating a commercial culture that increases value for our shareholder	Net Income After Tax	Allowed ROE
	Credit Rating	A
Achieving productivity improvements and cost-effectiveness	Productivity Index	95% of Target Achieved

- c. Please see Attachment 1, Hydro One's Information Technology Project Control Process document.
- d. Please refer to Interrogatory response in Exhibit I, Tab 2, Schedule 1 part (a), for a copy of Hydro One's Work Program Prioritization Process.
- e. Please refer to part (d) above.

Project Control Processes

Organization	<i>Hydro One Networks Project Control Office</i>
Version	0.4
Version Date	22 July 2002

Document: Project Control Office Processes		HYDRO ONE NETWORKS INC.	
Division: IM/IT	Version: 0.2	Effective Date:	Page: 2

1 REVISION LOG

Version No.	Version Date	Summary of Change	Changed By
0.1	14-Jun-02	Original draft – Sections 1-7 only	FAB
0.2	09-Jul-02	Second draft – incorporate feedback, remaining sections added and edited	FAB
0.3	15-Jul-02	First Draft Delivered version	FAB
0.4	22-Jul-02	Updated with feedback from walkthrough week of Jul 15	FAB



Document: Project Control Office Processes		HYDRO ONE NETWORKS INC.	
Division: IM/IT	Version: 0.2	Effective Date:	Page: 3

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2 INTRODUCTION

The purpose of this document is to set forth the project management processes to be used by Hydro One Networks Project Control Offices and all the vendors supplying into Hydro One Networks. Each of the processes is required in order to ensure the efficient and effective oversight of these investment projects.

The intended audience of this document is the following:

- Project Management Office resources
- Project Managers , internal and external
- all project staff
- peer staff in other functional areas within IM/IT to ensure clarity of roles and responsibilities

The use of “She/He” in this document is not meant to be gender specific. Rather, it is a use of the pronoun in a gender neutral manner.

Document: Project Control Office Processes			HYDRO ONE NETWORKS INC.	
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3 PROCESS SUMMARY

As the PCO is responsible for ensuring compliance to the IM/IT 5-stage Planning Process, how any process ties in to their ability to oversee this process is included throughout the document.

The processes identified as required within the PCO at this stage at Hydro One Networks are listed in the following table. The remainder of the document describes each process, its objectives, inputs and outputs in detail.


No.	Process
1.0	Project Status Reporting, Performance Measurement and Executive Reporting
2.0	Invoice Reconciliation and Cost Management
3.0	Risk Management
4.0	Issue Management
5.0	Governance Forums and Meetings

The following processes are not defined in this document in detail as they already exist within Hydro One Networks and fall within the mandate of groups other than the PCO. However, what is included in this document is a brief overview of the relationships between these processes and the PCO.

No.	Process
6.0	Release Management
7.0	Architecture Management
8.0	Procurement Process, Contract Management
9.0	Document Management

The following templates are included as part of these processes, and referenced with hyperlinks through the document:

- Project Status Report, including Performance Summary
- Project Charter (Hydro One existing version, reviewed for consistency only)
- Project Planning Guidelines
- Project Issue Log
- Issue Assessment Form
- Project Risk Log
- Risk Assessment Form
- Risk Management Checklist
- Project Change Control Log
- Change Request Form
- Monthly Project Status Summary Report (Executive Report)
- Invoice details template

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4 ROLES & ACCOUNTABILITY

The following roles are used within these process descriptions. These roles are not always directly tied to Job Titles. At the start of any project, and particularly as a project moves from Stage 3 (Business Case) to Stage 4 (Design, Build & Test), it will be the responsibility of the PCO to ensure that each role has been filled and each person understands the roles they are being asked to fulfill for that project.

These processes are documented from the assumption that as a project moves from Stage 3 to Stage 4, the delivery will be awarded to an external vendor. If multiple vendors are required for the overall project, an integration vendor will be assigned as prime, and will retain the responsibility of orchestrating the sub-vendors. For each project therefore, there will be the role of Vendor Project Manager.

The **Vendor Project Manager** has the following responsibilities:

- ☐ Ensuring the project is delivered on time and within the budget constraints delivered.
- ☐ Reporting the actual progress and status of project schedule work each reporting cycle, using the procedure provided by the PCO and to the level of detail that is required by the PCO.
- ☐ Providing status information as necessary to address unique situations such as variance explanations.

For each project in Stage 4 or Stage 5, the Vendor Project Manager will be given a prime entry point into Hydro One (if not sooner). This role will be called the Hydro One Project Manager.

The **Hydro One Project Manager** has the following responsibilities:

- ☐ Ensuring Hydro One resources required for the project are available as required
- ☐ Addressing project issues as they arise, and ensuring they get the Hydro One time and attention that is required
- ☐ Providing Hydro One status information on the project on a monthly basis, not including financial information, but including schedule and scope status


Typically, the Hydro One Project Manager role will be filled by one of the Business Managers. However, sometimes this role will be filled by an alternate person, either within Hydro One IM/IT, perhaps from the Business unit, or an external contractor may be pulled in to fulfill this role. It is critical that at any stage in any ongoing project, it is clearly defined who has responsibility for fulfilling this role.

When the Hydro One Project Manager is a different person than the Business Manager, there will always be a dotted line relationship between this Project Manager and the PCO.

Throughout these processes, another key role that is filled is that of the Hydro One Business Manager.

The **Business Manager** has the following key responsibilities within the area of Project Control (among other areas of responsibility not documented here):

- ☐ Owns the sub-processes for problem definition, requirements definition and assist in the business case analysis for a business unit
- ☐ Representing the business unit(s) for whom a project is being completed, addressing business requirements and scope changes as they arise
- ☐ Retaining the ownership of the scope of the project, understanding the business requirements and ensuring that the final deliverables will meet these requirements
- ☐ Ensure alignment of the business and systems plans and strategies – ensuring the successful delivery of the IT projects supports the underlying business need for the project

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- ❑ Keeping the business units informed as to the status of the project, and updating them on any issues as they arise, along with corresponding action plans

The **Hydro One PCO** has the following responsibilities:


- ❑ Ensuring that all projects comply with the 5-stage investment management process
- ❑ Reviews proposals
- ❑ Performing Risk and Issue Assessments for all projects - assisting the Hydro One Project Manager in ensuring that issues that require escalation and attention are getting to the appropriate audiences within Hydro One in the timeframe required
- ❑ Monitoring the financial costs associated with the projects, as reported by the Vendor Project Managers
- ❑ Responsible for all Invoice/Charges Approval, which entails reconciling the invoices received from the vendors against the project status and ensuring that Hydro One is receiving the value expected before invoices are approved
- ❑ Providing an integrated and consolidated progress and status report on all the IM/IT projects, on a monthly basis, for Hydro One senior management and key stakeholders.

Two different roles are described within this document within the Hydro One PCO, the **PCO Administrator** and the **PCO Manager**. In all processes described, it is highlighted how these roles need to work together to accomplish the overall responsibilities of the PCO office.

Some of the input required for the PCO to fulfill their role relates to monitoring costs and approving invoices. To support this activity, a role of Financial Analyst has been defined.

The role of the **Financial Analyst** has the following responsibilities:

- ❑ Providing detailed cost breakdowns by project on all costs going into the projects
- ❑ Providing first stage analysis of costs received from vendors and identifying anomalies on an exception basis, for follow up and resolution by the PCO

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5 IM/IT 5-STAGE INVESTMENT MANAGEMENT PROCESS

All IM/IT expenditures are managed and controlled by the IM/IT 5-stage Investment Management Process. The 5 stages of this process are:

Stage 1	Problem Definition and Feasibility
Stage 2	Business Requirements Definition
Stage 3	Business Case
Stage 4	Design, Build & Test
Stage 5	Commissioning

A significant component of the role of the Project Control Office within IM/IT is to provide oversight to the IM/IT projects by:


1. Ensuring all initiatives comply to the 5-stage investment management process
2. Performing Risk and Issue Assessments
3. Performing QA
4. Providing oversight to project implementations being performed by Service Providers
5. Reviewing and approving invoices and charges to ensure cost control
6. Reviewing proposals

The processes as defined within this document are geared to support this role definition. The following process description highlights key areas where the PCO must interact to meet objective 1 above, ensuring compliance.

Processes as described here also correspond to the Tasks as outlined in the “5 Stage Project Template”. Any modifications to that overall plan will require updates to this section of this process document as well. Not all steps are outlined here, simply the steps requiring PCO involvement and oversight.

During Stage 1, Project Definition and Feasibility


WHAT	WHO	HOW
1. Project Kick Start	PCO Manager	<ul style="list-style-type: none"> • Ensure appropriate resources from the various functional areas have been assigned to the project at this stage • Arrange for a briefing of the Information Management project team as to the background of the project • Assist in the process of getting clarity as to which Business Manager retains ownership for this new project initiative
2. Drive the process of defining the a new project, resulting in a Project Charter document	Business Manager	<ul style="list-style-type: none"> • Business Manager will work with the key contacts within the business units to drive the construction and documenting of a Project Charter document

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WHAT	WHO	HOW
3. Project Charter Approval and Review	PCO Manager	<ul style="list-style-type: none"> PCO office will review the Project Charter for completeness, ensure the correct template was used and that therefore all the required sections and information are included PCO office will arrange for approval and distribution of the Project Charter
4. Project Plan Construction	Business Manager	<ul style="list-style-type: none"> The Project Plan (schedule) will be authored by the Business Manager PCO office will provide input into the process and support the Business Manager PCO office will arrange for approval and distribution of the Project Plan
5. Project Plan Approval and Distribution	PCO Manager	<ul style="list-style-type: none"> PCO office will arrange for approval and distribution of the Project Plan
6. PDAF Construction	Business Manager	<ul style="list-style-type: none"> The Problem Definition and Feasibility Document will be authored by the Business Analysts assigned to the project, with the appropriate Business User input and Technical Architect input Business Manager will coach the Business unit staff in creating these requirements and in following the IM/IT Investment Management process and formats
7. Approval and Distribution of the PDAF	PCO Manager	<ul style="list-style-type: none"> PCO office will review the PDAF for completeness and provide input through the Business Manager PCO office will arrange for approval and distribution of the PDAF

During Stage2, Requirements Definition

WHAT	WHO	HOW
1. Drive the process of construction of the Business Requirements Definition	Business Manager	<ul style="list-style-type: none"> The Business Requirements Document will be authored by the Business Analyst(s) assigned to the project, with the appropriate Business User input and Technical Architecture input Business Manager owns the process of the construction of the Business Requirements Document, managing these resources assigned to the project, through to deliverable completion PCO office will review the BRD for completeness and provide input as well

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WHAT	WHO	HOW
2. Approval and Distribution of Business Requirements Document	PCO Manager	<ul style="list-style-type: none"> PCO office will arrange for approval by the Project Sponsor, and distribution of the signed BRD
3. Request for Information Construction process	Business Manager	<ul style="list-style-type: none"> RFI is authored by Business Analyst, representation from Procurement and from Technical Architecture Business Manager owns the process of the construction of the RFI Document, managing these resources assigned to the project, through to deliverable completion Output from the responses to the RFI is a list of vendors who will receive the Request for Proposal
4. Request for Information process	PCO Manager	<ul style="list-style-type: none"> PCO office is to review the Request for Information vendor list prior to RFI being issued PCO office will review the RFI and provide input
5. Construction of RFP	Business Manager	<ul style="list-style-type: none"> RFP is authored by Business Analyst assigned to the project, representation from Procurement and from Technical Architecture Business Manager owns the process of the construction of the RFP Document, managing these resources assigned to the project, through to deliverable completion RFP must be approved by Project Sponsor prior to distribution, Business Manager works with the Project Sponsor to get this approval Business Manager notifies Procurement that RFP is ready for release Output of the RFP process will include: <ol style="list-style-type: none"> RFP Analysis report authored by the Business Analyst, with support from the Business Manager Vendor List to move to the next stage – Vendor Presentations
6. Distribution of RFP	Procurement	<ul style="list-style-type: none"> Procurement will be responsible for the physical distribution of the RFP to all the vendors on the Vendor List Co-ordination of responses, front end entry of questions from vendors during the process are spearheaded by Procurement as well

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WHAT	WHO	HOW
7. Ensure RFP process is being followed	PCO Manager	<ul style="list-style-type: none"> PCO is to ensure that Business Manager driving the RFP process is aware of the stages that must be followed, relative to this size project PCO will assist the Business Manager in gaining Business Unit approval of RFP, if required Upon receipt of all the responses, PCO will review whether the right people were involved in the review process and the short-listing process; appropriate audit trail of decision points must be kept
8. Co-ordinate Vendor Presentations	Business Manager	<ul style="list-style-type: none"> Business Manager will work with the Project Team to ensure the necessary Vendor Presentations take place to get the information required for a careful evaluation of each vendor's ability to meet the needs of the RFP Output from Vendor presentations will be a Vendor Presentation Analysis report, authored by the Business Analyst(s) on the project team, supported and vetted by the Business Manager At this point, the Project Team will decide whether the next appropriate stage is a Pilot or not
9. Vendor Presentations	PCO Manager	<ul style="list-style-type: none"> PCO office will likely participate in Vendor presentations, primarily as an observer, and to provide input and advice as requested
10. Pilot stage	PCO Manager	<ul style="list-style-type: none"> Any pilots themselves are treated as Projects, and must follow the project reporting stages as outlined within this document Output from the Pilot stage will be an Approval or Rejection of the Pilot selected vendor by the Project Sponsor

During Stage 3, Business Case

WHAT	WHO	HOW
1. Construction of Business Case	Business Manager	<ul style="list-style-type: none"> The Business Manager owns the process of building the Business Case They are responsible to Prepare and Obtain Approval for all business cases for the implementation of business unit project
2. Approval and Distribution of Business Case Report	PCO Manager	<ul style="list-style-type: none"> PCO office participates by reviewing the Business Case for completeness, ensure the correct format was used and that therefore all the required sections and information are included PCO office will help arrange for approval and distribution of the Business Case

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WHAT	WHO	HOW
3. Vendor Selection and Awarding	Procurement	<ul style="list-style-type: none"> Negotiations with the preferred vendor for terms, and Service Level Agreements lies with Procurement Awarding of the business and issuance of the SLA or agreements lies solely with Procurement
4. At stage 3 to stage 4, ensure a Hydro One Project Manager is designated	PCO Manager	<ul style="list-style-type: none"> Ensure that as a project moves from Stage 3, Business Case, to Stage 4 Design, Build & Test, that a Hydro One Project Manager is clearly designated; this will be one of: <ul style="list-style-type: none"> Business Manager Representative from the Business Unit or someone else within IM/IT deemed appropriate to act as Project Manager for this project's complexity and size External contractor brought in specifically to fulfill the role of Project Manager for Hydro One Forward details on the project to the PCO Administrator to add project to list of currently monitored projects


During Stage 4, Design, Build & Test

Note: the bulk of the processes that are documented in detail throughout this document fall within Stage 4 and Stage 5 of the IM/IT 5-Stage Investment Management process. The details on the Who, What, and How are not repeated here.


WHAT	WHO	HOW
1. Ensure that selected Vendor is following the processes as outlined	PCO Manager	<ul style="list-style-type: none"> Status meetings to be held with each vendor to review the status of their projects Ensure that Vendor follows the guidelines as outlined in the remaining sections of this document for Status Reporting, Issue Management, Risk Management, Invoice Reconciliation and as outlined to the vendor in the RFP Project Management Guidelines Address any exceptions to the processes at the Project Status meetings, escalate as necessary

During Stage 5, Commissioning

Note: the bulk of the processes that are documented in detail throughout this document fall within Stage 4 and Stage 5 of the IM/IT 5-Stage Investment Management process. The details on the Who, What and How are not repeated here.

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WHAT	WHO	HOW
1. Project Closure	PCO Manager	<ul style="list-style-type: none"> Project Closure report is to be authored by the Vendor Project Manager PCO office reviews this report, follows up with the Hydro One Project Manager, Business Manager and Project Sponsor to ensure there are no remaining open issues, and approves this report as appropriate

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6 PROJECT STATUS REPORTING

6.1 Status Reporting and Performance Measurement

Objective:

The objective of this process is to ensure clear, consistent and accurate project status reporting from the perspective of Hydro One networks, using the key input from any vendors involved in the project. For any larger program that is a portfolio of individual, related sub-projects, the status reporting starts at the sub-project level, and is then rolled into the project level.

Frequency:

Frequency of reporting required is a function of the size of the project. The following outlines the *minimum* reporting frequency by type or size of project. If a project is deemed strategic or there are issues that need to be carefully monitored, it is recommended to increase the frequency beyond the recommended frequency below.

<u>Size</u>	<u>Minimum Frequency</u>
Greater than 500k	Weekly
Greater than 300k, but less than 500k	Bi-Weekly
Less than 300k	Monthly

Once the frequency of reporting for a project has been agreed upon, it is mandatory that all status reporting done cover all the aspects of the status report. Only partial status updates for some status reports is not recommended, as it does not show the overall picture for a project, and it can lead to confusion within a status report as to what has been updated and what not.

Start Up:


At the onset of the project, several documents need to be created, which are referred to throughout the project. The following documents are created during the start up of the project.

- The Project Charter is the first project document created. The Project Charter sets out a high level scope, cost and resource plan for the project. It also clearly maps out the potential risks that may be encountered within the project, to be used as a roadmap and warning list by the Project Manager through the project lifecycle. A Hydro One template for the Project Charter document exists, and clearly maps out what needs to be included in this document. See under templates for reference to this template.
- The Project Plan is another document that needs to be created initially. The Project Plan contains the detailed plans for the project, including some of the areas covered in the Project Charter, but extending this document to outline the plan. This document will include the schedule for the project, including deliverables and milestones. A document outlining what should be included at a minimum in a Project Plan is referenced in the templates below.

Inputs:

- Project Schedule (Plan/Actual/Forecast) as per template within Project Plan
- Financials (Plan/Actual/Forecast)
- Risk Log
- Issue Log
- Change Request Log

Outputs:

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- Status report as outlined in the template below are to be generated by each Vendor Project Manager. If there are sub-projects, these are to be produced by the corresponding sub-Project Manager, submitted to the Vendor Project Manager, and consolidated by the Vendor Project Manager or Program Manager if one exists. The format for these consolidated projects remains the same.
- The status reports must include the following key items included in the template:
 - Milestone status - planned, revised, actuals
 - Key accomplishments for the project for the reporting period – tied to the milestones
 - Financials status for the period being reported and the project to date time period; financials are to be reported included the planned, actual and forecast amounts, broken down into the key sub-categories as outlined in the template; as the Vendor Project Manager has the most influence over the hours of effort expended on the project and the resultant cost from these hours, these are key number to be broken down in this section
 - Issues currently existing within the project – highlight any issues within the project that are threatening either the timing or the cost of the project; include the actions being taken to address these issues and whether escalation is required.
 - Risks exhibiting themselves at this stage in the project – the Project Charter will have outlined potential risks for this project. At each status reporting stage, the Vendor Project Manager should ask themselves whether these risks are arising, and what should be done at this stage of the project to mitigate against these risks. Guidelines for how to categorize the risks are included in the Risk Assessment Form

Responsibility:


Each Vendor Project Manager is responsible for producing the Project Status report for their projects in the cycle agreed upon at the start of the project.

Process:

WHAT	WHO	HOW
1. Receive up to date Project Status Reports for all Projects currently underway.	PCO Administrator	<ul style="list-style-type: none"> • Receive via email from all Vendor Project Managers – all Vendor PMs are told to deliver by end of day Tuesday of their cycle, assuming that status meetings will take place on Fridays • Cross check against the list of current projects with agreed upon cycles (whether weekly, bi-weekly or monthly) • Perform follow up with corresponding Vendor Project Managers as required to get complete package • Validate that all Vendor PMs are using the correct and most up to date template – follow up on any exceptions directly with the PM to gain compliance
2. Validate Project Financials against internal numbers	PCO Administrator	<ul style="list-style-type: none"> • Receive the summary report from Finance that details all Project Costs as reported in PeopleSoft • Cross check all these numbers against the Status reports received • Document all exceptions in an Exceptions List for review in the Project Review meeting

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WHAT	WHO	HOW
3. Create Issues Summary	PCO Administrator	<ul style="list-style-type: none"> Review all Project Status Reports and manually extract all Issues that are categorized as High, export them to the Issues Summary to be used as a check list for PCO Manager Give Issues Summary to PCO Manager for action
4. Distribute reports to Hydro One Project Managers, Business Managers, Manager, PCO	PCO Administrator	<ul style="list-style-type: none"> Distribute copies of the pertinent reports to the Hydro One Project Managers – they each get only the projects for which they are responsible; a table of all ongoing projects and the corresponding Hydro One Project Manager must be maintained and periodically reviewed to ensure all projects have a Project Manager, and to ensure the correct person within Hydro is getting the correct Status Reports Where there is a distinct Hydro One Project Manager and Business Manager assigned to a project, ensure the Business Manager also gets a copy of the appropriate Status Report Distribute a complete package of the reports to the Manager, PCO, with the corresponding exception list and Issues Summary
5. Review Project Status Report for consistency, accuracy	Business Manager	<ul style="list-style-type: none"> Review the key areas of the Project Status reports that your received for to ensure that you agree with what the Vendor Project Manager is reporting Key things to look for include: <ul style="list-style-type: none"> Milestones or deliverables that are reported as completed, or that give a percentage complete – does this match your understanding of the status of these work items? Financial numbers – do they look reasonable (there are more details on what to look for in this area within the Invoice Reconciliation section of this document – however, when receiving other status reports it is good to look at this section and ensure things seem to be on track) Issues – are the key issues within the project documented, clearly and with what you think are the appropriate items to address them captured

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WHAT	WHO	HOW
6. Update the Business Sponsor on the status of the project / Validate that this matches their understanding	Business Manager	<ul style="list-style-type: none"> Use either the content of the Project Status Report, or the report itself, to do an update with the Business Sponsor of the project This should be a two-way communication on the project – both you giving your update on the status, plus using this review to get their input on their sense of the project. The Business Sponsor will certainly be getting updates from the business users that are on the project team, and their own sense of the way the project is going, or any open issues. This is the time to expose and close any gaps in understanding on the status of any issues, plus the overall status of the projects
7. Loop back to Vendor Project Manager to close off any gaps in agreement on status of issues, overall project status	Business Manager	<ul style="list-style-type: none"> For any inconsistencies between what the status report says, and your understanding (either from yourself or through the discussions with the Business Sponsor), go directly to the Vendor Project Manager and address them. The best method of communication is email, summarizing the areas of concern with the report. Copy the PCO office, so they are aware that you are raising issues, and will not release funds in the meantime. If there is a separate Hydro One Project Manager for the project, they should be actively involved in this process, and in fact, should be used to close off many of these discrepancies for you If you do not get a speedy resolution to your issues, or an updated status report more accurately reflecting the status of the project, escalate the issue within the vendor's organization, to the head of their PMO. If further escalation is necessary, you will have to get the escalation path for that vendor from the PCO, it will be documented in the agreement with each vendor
8. Close reporting.	PCO Administrator	<ul style="list-style-type: none"> Manually archive the set of project status reports to a weekly folder for archival purposes

Templates:

Project Charter: [Templates\Project Charter.doc](#)

Status report: [Templates\Project Status Rep.DOC](#)

Project schedule: : [Templates\Project Plan Guidelines.doc](#)

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6.2 Executive Reporting Process

Objective:

The objective of this process is to efficiently produce a clear, concise and accurate overview summary of the current ongoing projects. This report is produced for the Director of IM/IT, who will use it to report to the rest of the Hydro One Networks senior executive. All major deliverables and milestones, current project financials, change control items and issues requiring executive action must be presented.

Frequency:

Monthly

Inputs:

- Month End Project Status and Performance Reports. Key information pulled includes:
 - Work Progress – work completed vs work planned to be completed
 - Actual costs vs budgeted costs to date
 - Risks categorized as High Risk
 - Issues that are high

The definition for High Risk that is issued in the template and will result in a Risk being extracted for this report if it meets one of the following criteria:

- Measurable financial impact in the hundreds of thousands of dollars.
- Delay to the final project completion date of more than 2 months
- Risk of serious injury or death to public or employees.
- Significant disruptive impact on key internal or external stakeholders.
- Significant disruption of core product delivery capability.
- Risk of environmental impact leading to investigation.

Outputs:


- Executive Project Summary Report

Responsibility:


The Manager, PCO is responsible for producing this report. Initial draft will be completed by the PCO Administrator, following the steps below. Final ownership, however, remains with the Manager, PCO.

Process:

WHAT	WHO	HOW
1. Ensure you are starting with a complete set of up to date Project Status Reports for all projects.	PCO Administrator	<ul style="list-style-type: none"> • Cross check your list of current projects to be reported on against the list of current projects.

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WHAT	WHO	HOW
2. Extract summary info to create Draft Monthly Executive Report	PCO Administrator	<ul style="list-style-type: none"> Start with the Executive Report from the previous month, unless new formatting or content changes have been agreed upon in the last period. Add any new projects started during the period Remove any projects reported as already closed and completed in the previous period; Projects that were closed during the period being reported should remain on the Status Report to close them off; Pull the following info from the Status Reports, ensuring they have already been validated, and enter into the appropriate sections: <ul style="list-style-type: none"> Milestones budgeted complete to date Milestones actually completed to date Budgeted costs to date Actual costs to date Move the category High issues over to the monthly summary , ensuring to include the comments
3. Analyze Risks and interdependencies across the project	PCO Manager	<ul style="list-style-type: none"> Using the draft Monthly Summary report from PCO Administrator, a key activity when summarizing the projects at a monthly cycle is to look at the projects as a “program” Look across the portfolio and projects and look for patterns and interdependencies not obvious when looking at only individual projects; For example, are all the projects from one particular vendor running over budget – this would be worth highlighting and monitoring as perhaps this vendor should not get short listed for future projects Interdependencies across projects should also be noted in this Monthly Summary report, analyzing where certain projects could impact deliverables or timelines for other projects that have been overlooked when not summarized
4. Finalize Monthly Summary Report	PCO Manager	<ul style="list-style-type: none"> Review the current state of the Monthly Summary Report with Project Managers from Hydro One, an the Business Managers; Update and vet comments and issues as necessary based on their input; Focus on explanations for variances evident in the projects and risks/issues that have been flagged as High in the status reports Return to PCO Administrator for distribution

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WHAT	WHO	HOW
5. Close reporting.	PCO Administrator	<ul style="list-style-type: none"> Manually archive the Monthly Summary Report to a monthly folder for future reference

Template:

Executive Summary: [Templates\Exec Summary report.doc](#)

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7 INVOICE RECONCILIATION AND COST MANAGEMENT

Objective:

Considerable time is spent reconciling invoices received from vendors against other information available, or not available, for the projects to which these invoices apply. Without the appropriate level of information, the PCO cannot approve an invoice for payment with a comfort level that these costs were justified.

By standardizing the information expected from the vendors, to the appropriate level of detail, it is anticipated that significant time can be saved within the PCO, as well as ensure invoices that are approved are correct and justified.

Frequency:

Monthly

Inputs:

- Project Status reports following the template, received no later than the end of day of the 5th business day of each month, reporting status to the end of the previous month
- invoice with support time details, which will include for each vendor or sub-vendor
 - resource name and role filled on the project
 - hours spent during the time period for the project
 - rate
 - dollars (rate X hours)
- report from Finance summarising charges per project

Outputs:

- Approved, released invoices
- Exception list


Responsibility:

The Project Administrator takes the lead on invoice reconciliation, as far as is practicable.


All invoice approval is completed by the Manager, PCO, based on input and recommendations by both the Project Administrator and Hydro One Project Manager.

Process:

WHAT	WHO	HOW
1. Validate dollars invoiced against costs reported by Finance	PCO Administrator	<ul style="list-style-type: none"> • Do a baseline check that the amount appearing on the invoices match the amounts that the Finance department is reporting as charged against the individual projects. • Report any discrepancies to Finance for their reconciliation
2. Validate dollars invoiced against the dollars reported on the Project Status reports	PCO Administrator	<ul style="list-style-type: none"> • Do a baseline check that the amount appearing on the invoices match the amounts that the Vendor Project Manager reported on their Status Reports. • Report any discrepancies to Vendor Project Manager for their reconciliation

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WHAT	WHO	HOW
3. Follow up with Hydro One Project Managers to get confirmation that dollars are reasonable	PCO Administrator	<ul style="list-style-type: none"> For each project, the PCO Administrator will contact the appropriate Hydro One Project Manager, and provide them with the supporting information provided with the invoice outlining the resources being billed for this project. PCO Administrator will ensure the Hydro One Project Manager is aware of the deadline for returning either approval or exceptions
4. Review available information and determine whether invoicing seems suitable	Hydro One Project Manager	<ul style="list-style-type: none"> With the information received from Step 3, the Hydro One Project Manager will review the project status report to ensure sufficient information has been provided, to ensure that the dollars being invoiced match the time expected to be incurred for the project. The Hydro One Project Manager is asking themselves the following types of questions from a cost, invoice approval point of view <ul style="list-style-type: none"> Do the accomplishments that are reported in the status report match their understanding of the status of the project? Do these accomplishments, and their understanding of the work involved to reach this status, match the hours that are reported as incurred on the invoice? This step is not looking for 100% exactness in matching hours and costs, but is a judgement call looking for reasonableness. If you believe an activity should have incurred 100 hours and they logged 103 that should be reasonable. But if it should have taken 10 and they logged 40 that would not be reasonable and should be followed up. Forward to the PCO Administrator your response as to whether it is approved, or any noted exceptions, for each project invoice you are reviewing. Sending this information through email is reasonable.
5. Review financial status of the project with Business Sponsor to keep them up to date	Business Manager	<ul style="list-style-type: none"> It will vary from project to project as to the level of involvement expected of the business users and business sponsors in the approval of costs and invoices. Certain business sponsors will want to see the invoice and the supporting information to have a comfort level that their dollars are being well spent. Others will not. It is the responsibility of the Hydro One Project Manager to gain agreement with their business sponsor as to their desired involvement in the invoice approval steps, at the start of the project, and proceed accordingly Forward to the PCO Administrator your response as to whether it is approved, or any noted exceptions, for each project invoice you are reviewing. Sending this information through email is reasonable.

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WHAT	WHO	HOW
6. Indicate approval or rejection for invoices	Business Manager	<ul style="list-style-type: none"> For each invoice, indicate back to the PCO office, via email to both Manager, PCO and PCO Administrator, either that it is approved, or that it is rejected, with your reasoning why you are rejecting items Follow up on rejected invoices should be done by the Hydro One Project Manager, directly with the Vendor Project Manager, with the key input coming from the Business Manager
7. Submit invoices for approval	PCO Administrator	<ul style="list-style-type: none"> For each approved invoice, return to Manager, PCO with supporting status report for, signature.

Template:

<..\Templates\Invoice details.doc>

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8 RISK MANAGEMENT

Objective:

The objective of the Risk Management process is to proactively identify, quantify, address and mitigate risk in the project. The goal is to create a global, reusable and implemented risk mitigation process. It is focused on project success, versus an audit. The process will enable consistent assessment across project goals and delivery. Enhancing the predictability of risk will increase the likelihood of project success.

For clarity, the following definitions are used to distinguish between Issues and Risks:

An Issue is a current condition that is adversely impacting the Project.

A Risk is a potential condition that, if it occurs, will adversely impact the Project.

Frequency:

Bi-Weekly

Inputs:

- Potential risks to the Project (risks) as documented in the Project Charter
- Risk Management Checklist (template)
- Project Risk Assessment Checklist (template)

Outputs:

- Decisions on how to act on potential risks
- Updated Risk Log (spreadsheet)

Responsibility:


The Vendor Project Manager is responsible for managing the project risk.

As an external supplier to Hydro One networks, this Vendor Project Manager is responsible for clearly reporting to Hydro One that they have reviewed these risks, and are managing them through out the project stages. This can only be done by documenting the analysis and decisions made about these risks.

It is the responsibility of the Hydro One Project Manager to ensure that they are comfortable that these risks are being evaluated. Similarly, the PCO as part of their mandate have a process outlined to periodically review risks and conduct their own risk assessment to ensure the vendor is managing risk appropriately.

Process:

WHAT	WHO	HOW
------	-----	-----

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WHAT	WHO	HOW
1. Take stock of project risk at the present time.	Vendor Project Manager	<ul style="list-style-type: none"> Review the Risks section within the Charter Document to review the potential risks of the Project, and review the Mitigation Strategies Determine whether any new Risks have been identified during the project, and update the Risk Log appropriately, using the Risk Assessment Form to review the new Risk Review whether the existing Risks likelihood or projected impacts should be updated Potential Risk items are logged in the Risk Log, along with: <ul style="list-style-type: none"> The probability of occurring The estimated cost to the project if the risk does occur The probability and cost are multiplied to give the Risk Exposure for this risk item The sum of the individual Risk Exposures give the total project Risk Exposure. Summarize the status of the risk analysis you just completed in the Risk section of your Project Status report; provide a copy of the Risk Log to the Vendor Project Manager, and use this Risk Log to drive a discussion and awareness of the potential risk at the Steering Committee level;
2. Do a periodic risk assessment of the entire project.	Manager, PCO	<ul style="list-style-type: none"> Using the template outlining Project Risk Assessment, called Risk Management Checklist, based on industry best practices, review this current project. Result will give the PCO a good idea of the risk compared to other large projects If the risk of this project is high compared to other projects, steps to be taken include: <ul style="list-style-type: none"> Increase the frequency of status reporting if it is not already weekly or bi-weekly, to ensure that risk potential is increased frequency Review the risk areas with the Project Steering Committee to ensure there is high awareness of the potential areas of risk, and what steps have been identified to mitigate these risks
3. Close reporting.	PCO Administrator	<ul style="list-style-type: none"> Manually archive the Risk Log as received from the Vendor Project Managers into the Project monthly folders


Template:

Risk Assessment Form: <..\Templates\Risk Assess Form.doc>

Risk Log: <..\Templates\risk Log.xlt>

Risk Management Checklist <..\Templates\Risk Mgmt Checklist.doc>

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9 ISSUE MANAGEMENT

Objective:

The objective of the Issue Management process is to facilitate the expeditious resolution of project issues. Issues are logged, tracked and escalated to the appropriate level required to resolve them.

For clarity, the following definitions are used to distinguish between Issues and Risks:

An Issue is a current condition that is adversely impacting the Project.

A Risk is a potential condition that, if it occurs, will adversely impact the Project.

If an issue was expected, however, it wouldn't be an issue but would merely be a task on the project plan

Frequency:

Daily

Inputs:

- Potential issues to the Project (issues)

Outputs:

- Updated Issue Log (spreadsheet)
- Issue Resolutions

Responsibility:

The Vendor Project Managers are responsible for managing their project issue logs.

The Hydro One Project Manager is responsible for assisting the Project Manager in accessing necessary Hydro One resources as necessary, in getting issues through to resolution.


The PCO is responsible for ensuring the issues are appropriately logged and assisting in issue resolution as necessary. They are also responsible for monitoring the status of issues, and ensuring the vendors are getting issues resolved as necessary.

Contributors:

As required, the Manager, PCO and subject matter experts will be involved in issue resolution.

Process:

WHAT	WHO	HOW
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WHAT	WHO	HOW
1. Log project issues in the Project Issue log	Vendor Project Manager	<ul style="list-style-type: none"> • Use the Issue Assessment form to help you document and assess any issue that has arisen with the project. The template will give you details on how the issue should be categorized and evaluated • Then, log the issue on the Issue Log; this is where all the current project issues and their status should be; this issue log should also to be attached to the Project Status report on each reporting interval • Update all the issues on the log and ensure they reflect the current status • Ensure that current issues, i.e. open issues that are still being addressed, that are Medium or High category are also included on the Project Status report • Forward the Issue Log only to the PCO Administrator; the Issue Assessment form is a tool for you to use to review, and may be required for discussion purposed from time to time, particularly with the Vendor Project Manager
2. Consolidate the project issue log	PCO Administrator	<ul style="list-style-type: none"> • Consolidate the issue logs received, and manually extract all Issues that are categorized as High, export them to the Issues Summary to be used as a check list for PCO Manager • Give Issues Summary to PCO Manager for action
3. Review Issue log to expedite action as required	Manager, PCO	<ul style="list-style-type: none"> • Manager, PCO will review the project issue log every few days to: <ul style="list-style-type: none"> • Facilitate issue resolution where appropriate • Review issues for cross-sub-project issues, or interdependent issues • Ensure issues are being resolved by their target dates
4. Close reporting.	PCO Administrator	<ul style="list-style-type: none"> • Manually archive the Issue Log as received from the Vendor Project Managers into the Project monthly folders

Template:

Issue Assessment Form: <..\Templates\Issue Assess Form.doc>

Issue Log: <..\Templates\Issue Log.xls>

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10 GOVERNANCE FORUMS AND MEETINGS

There are two key forums for governance. For all projects, there are Project Review meetings at which all the status reports with supporting documentation are reviewed with the PCO office and the Hydro One Project Managers for their respective projects. At this meeting, separate project review meetings may be requested if there appear to be issues that are not getting resolved around particular projects.

Schedule for Project Review meetings is the Second Friday of each month, reviewing the Status reports from the previous month.

Secondly, there are specific Project Steering Committee meetings for all projects that are sufficiently large to warrant the additional oversight.

10.1 Project Steering Committee Meetings

Objective:

All projects that are greater than \$300k in project costs should require the formation of a Project Steering Committee. The objective of the Project Steering Committee meetings is to:

- Present a clear, accurate and concise view of the project to the key Stakeholders.
- Attain decisions from the Steering Committee.
- Receive feedback from the Steering Committee.

Frequency:

Bi-Weekly

Inputs:

- Executive Project Summary (report)
- Minutes of previous meeting

Outputs:

- Decisions and Requests (action items) from Steering Committee
- Meeting minutes


Responsibility:

The Hydro One Project Manager is responsible for arranging and chairing these meetings.

The PCO Project Administrator will assist with the logistics and minutes of these meetings.

Attendees:

- Hydro One Project Manager
- Steering Committee members. Membership is recommended as including:
 - Key business stakeholders, including the business sponsor for the project, but also other key business representatives required for content
 - Management within IM/IT, at the appropriate level for the project, likely including Manager, PCO and Manager, Architecture, perhaps also requiring Director IM/IT
- Project Administrator
- Vendor Project Manager

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11 CHANGE MANAGEMENT

Objective:

The Change Management process applies to the management of changes to all approved items, including documents, processes and IT deliverables. This process is applied to all changes, regardless of whether the impact of the change is small or large, in order to keep track of the changes that have been requested and made.

When any project deliverable is completed, it is submitted for approval. Once approved, it is placed under Change Control. Being “under Change Control” means that going forward, the project will follow the approved deliverable. Examples of items which, when approved, are placed under change control are:

- Project Charters
- Business Functional Requirements
- System Specifications
- Project/sub-project Plans
- Budget

Frequency:

Continual

Inputs:

- Change Request Form

Outputs:

- Updated Change Request Log
- Decision on whether to proceed with, cancel, or hold the Change Request

Responsibility:

The Vendor Project Manager is responsible for updating the Change Request Log.


The Hydro One Project Manager is responsible for ensuring decisions are made for each CR.

Contributors:


Individual Change Requests will require subject matter experts and other Project Managers to support them.

Process:

WHAT	WHO	HOW
1. Initiate a Change Request	Any project member, business representative	<ul style="list-style-type: none"> • If a deviation to an item under Change Control is requested or anticipated, the person who requires the change will fill out a Change Request Form. • The person filling out the CR may be a business representation requiring new functionality, or more likely, the Vendor Project Manager noticing that a requirement has changed. • The change request is brought to the attention of the Hydro One Project Manager who will assist in getting Hydro One approval.

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WHAT	WHO	HOW
2. Formal Initiation of Change Request	Vendor Project Manager	<ul style="list-style-type: none"> The Vendor Project Manager will Create a CR# for this request Log the CR in the Change Request Log Advise the requestor of the CR#
3. Assess the Change Request	Hydro One Project Manager	<ul style="list-style-type: none"> The Hydro One Project Manager will review the change request and assign team member(s) and subject matter experts to assess the impact of change on project cost, plan and the quality of any project deliverables. Once completed, the CR form is updated with the assessment information
4. Approval and Sign-Off	PCO Manager	<p>The PCO will verify the following:</p> <ul style="list-style-type: none"> That the change is necessary, The method of implementation is feasible and cost effective, The appropriate resources are available to support the implementation of the change and its impacts, The technical, cost and schedule impacts have been fully evaluated and can be accommodated within existing approved constraints <p>If the impact to the cost is less than 1% of the total cost of the sub-project and the impact to the schedule is less than one week</p> <ul style="list-style-type: none"> The PCO may approve the request without any further review <p>If the impact to the cost is greater than 1% of the total cost of the sub-project or the impact to the schedule is more than one week</p> <ul style="list-style-type: none"> The PCO and Hydro One Project Manager will present the change request form and the assessment document to the Steering Committee for review and approval. Unless urgent, Change Requests (CRs) will be presented for review and discussion at one of the regular Project Steering Committee Meetings. To ensure familiarity with the details of the proposed change, CR's will be distributed to the committee members at least 3 days prior to the meeting.
5. Tracking Change Requests	Vendor Project Manager	The Project Manager will ensure the change request form and the updated change control log are stored in the common project directory


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WHAT	WHO	HOW
6. Documentation Control	Vendor Project Manager	The Vendor Project Manager will ensure version control for all project documents, including the proper change control process is followed for these documents.

Template:

[..\Templates\Change Request Form.doc](#)

[..\Templates\Change Request Log.xls](#)

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12 ARCHITECTURE MANAGEMENT

Objective:

Architecture Management within Hydro One Networks is owned by the Architecture department within IM/IT. The objective of linking to the Architecture Management process is to ensure that any project fits within the overall Hydro One Networks architectural strategy, and to ensure that each of the sub-projects within a project have a cohesive architecture. In this process, the Architecture refers to both the IT and the Business architecture.


It is essential that the existing Architectural strategy of the stakeholders is understood and followed. The Business Strategy is usually taken into consideration when the IT Architectural Strategy is created, and includes how business partners wish to work with technology to implement their goals. The IT Architectural strategy includes recommendations of selected applications, communications, middleware, hardware, database, vendor, etc. choices that are strategic to HYDRO ONE NETWORKS. In the HYDRO ONE NETWORKS, the IT Infrastructure and Architecture Support sub-project will provide the overall architecture development and co-ordination leadership for the overall project.

Responsibility:


It is the responsibility of the Vendor Project Manager to ensure the IT architecture that the project will follow is documented and approved. It is also the responsibility of the Vendor Project Manager to ensure that any sub-vendors who may be involved in the project are aware of this architecture and to monitor that they adhere to this standard. It is the Hydro One Project Manager's responsibility to monitor any exceptions from the agreed upon architecture.

Process/Interdependencies:

WHAT	WHO	HOW
1. Ensure outgoing RFPs includes the Hydro One Architectural Strategy	Architecture dept	<ul style="list-style-type: none"> Ensure that the standard document outlining the Architecture Strategy that exists today is kept up to date, and is included in any RFPs issued For any RFP process, review the Architectural Strategy document for completeness and update as appropriate for this specific RFP
2. Adhere to the Architectural Strategy through the project	Vendor Project Manager	<ul style="list-style-type: none"> It is the responsibility of the Vendor Project Manager to be aware of the architecture strategy and to be aware of any discrepancies that would have been approved prior to contract award. Document any agreed upon discrepancies from the Architectural Strategy in the Project Charter document at project start-up. This should include an overview of the plans to bring the project in-line with the strategy. For the life of the project, if any scope changes drive further deviance from the Architectural Strategy, these are issues that must be raised at the Steering Committee meeting.

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WHAT	WHO	HOW
3. Approve any further deviation from the Architecture Strategy throughout the lifecycle of the project	Manager, Architecture	<ul style="list-style-type: none"> As a member of the Project Steering Committee, the Manager, Architecture will have the opportunity to review all exceptions brought to the Steering Committee, and will have the final approval on any recommendations to not meet the standard. For any exceptions that are approved, a plan on how to migrate to the standard should be constructed and documented as part of the project

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13 PROCUREMENT PROCESS and CONTRACT MANAGEMENT

Objective:

The Procurement Process is controlled by the Contracts Administration of Hydro One Networks. It is essential to ensure that the PCO processes tie effectively with the Procurement Process.


Responsibility:

It is the responsibility of the Contract Administration to ensure that all RFPs, contracts or Project Order Services Agreements that are issued include the appropriate attachments as outlined below

Any changes to the processes or the documents must be forwarded to Contract Administration for future issuing, by the PCO.


Process/Interdependencies:

WHAT	WHO	HOW
1. Ensure outgoing RFPs includes the Hydro One standards for Project Management	Contract Administration	<ul style="list-style-type: none"> At the RFP stage, the Project Management processes that Hydro One Networks expects the successful vendor to follow must be included as part of the RFP. This has been set up as a standard document, a template called Project Mgmt RFP.doc (referenced below). It is the responsibility of Contract Administration to ensure that this is included at this stage.
2. Keep the Hydro One Standards for Project Management up to date	Manager, PCO	<ul style="list-style-type: none"> Any enhancements to processes that are implemented over time should be reflected in the RFP documents. The PCO then forwards the updated version of the RFP document to Contract Administration for any future issuing.
3. Ensure Terms and Conditions of new contracts reference the Project Management Guidelines	Contract Administration	<ul style="list-style-type: none"> At the point of contract award, the contract Terms and Conditions must reference the appropriate section within the RFP where the processes were documented and assumed compliance. This reference is done to only need to refer to one master document outlining the processes, and avoid two sources, and potential discrepancies going forward.
4. Incorporate new Project Management Guidelines for existing Vendors (i.e. Inergi)	Contract Administration	<ul style="list-style-type: none"> For projects that are launching with Vendors with whom there are existing agreements and therefore no possibility to document within the Terms and Conditions, a different entry point is required. The entry point for gaining agreement to the Project management processes is when Contract Management issues a Project Order Services Agreement. When new Project Order Services Agreements are issued to Inergi, the RFP document outlining Project Management processes is to be attached

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Templates::

[..\Templates\Project Mgmt RFP.doc](#)

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14 DOCUMENT MANAGEMENT

Objective:

The objective of the Document Management process is to ensure that all Hydro One Networks projects follow a consistent process for document storage and version control. It is essential that all project team members have access to all key documents in their project. It is also essential that documents in progress are stored centrally so that all can retrieve.

Frequency:

Continual

Inputs:

- All project documents, whether draft or final.

Outputs:

- Organized Project Management Documents


Responsibility:

It is the responsibility of the Project Administrator to organize all sub-project and project documents, to ensure that all team members understand the document management system and their responsibilities in it, and to ensure that all members follow the documented processes.

Organization:


The following document management organization should be created and documented. Adoption within Document Management subsystem can be translated from this organization, but it will also work simply as Folders:

- The following breakdown is set up for each project being controlled by the PCO:
 - Project Overview
 - Project Charter
 - Business Requirements
 - External Design Documents
 - Internal Design Documents
 - Meetings
 - Plans
 - Status Reports – by month
 - Change Management
 - Risk Management
 - Issue Management
- The following method for version control of documents should be followed for all documents:
 - Document versioning should be set up within documents, so that revisions are clear. A Revision Log at the beginning of each document will fulfill this need. Once documents are under Change Control, they should be password protected for updates only.
 - A process should also be set up between documents, so that the purpose of different versions is understood. E.g. It must be clear whether documents are the current version, an old version, an approved version, etc.

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15 GLOSSARY

Term	Acronym	Use of term, within this document
Project Administrator	PA	The Project Administrator is a key role filled by 1 or more resources responsible for documenting, combining information, summarizing data, logging events and following up on action items. This role is referred to frequently in many of the PMO processes. Currently within Hydro One, there is one person fulfilling the role of Project Administrator, within the PCO office. This person should be shared across Projects as much as possible.
Project Control Office	PCO	The Project Control Office refers to the group of resources and processes which will oversee the projects across all stages of the 5-stage Planning Process within IM/IT
Vendor Project Manager	PM	Vendor Project Manager assigned as Prime for the project during Delivery stage.

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16 ACCEPTANCE

Accepted by: _____

Accepted by: _____

Accepted by: _____

Accepted by: _____

Accepted by: _____

Accepted by: _____

Accepted by: _____

Accepted by: _____

School Energy Coalition (SEC) INTERROGATORY #25 List 1

Interrogatory

[B1/3/6, p. 4] With respect to Software Refresh and Maintenance:

- a. Please provide a detailed breakdown of the budget including the business case for any project in excess of \$500,000.
- b. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team, as approved.

Response

- a. The 2009 Hydro One Networks budget includes plans to complete the following projects in excess of \$500,000:

Project	Total Amount (\$000s)
Disaster Recovery & Business Continuity Program	\$800
Enterprise Content Mgmt Program	\$2,000
Infrastructure Software Refresh	\$1,350
Mainframe Software for Hardware Upgrade	\$950
Oracle Database Upgrade	\$500
Security Software & Enhancements	\$1,450
Server Operating System Refresh	\$500
WFIS Application Upgrade	\$701

- b. Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #26 List 1

Interrogatory

[B1/3/6, p. 4] With respect to Minor Fixed Assets:

- a. Please disaggregate the budget into spending driven by
 - i. Growth in demand for IT services;
 - ii. Capacity limitations;
 - iii. Replacement of end-of-life equipment; and
 - iv. All other drivers.
- b. Please do a table comparing those component drivers for each of 2006 through 2008, with all costs that, for 2009, have been reallocated to Cornerstone, backed out of the actuals in each category.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

a. and b.

	2008 Approved	2009 Test
Total Networks \$M (excl Cornerstone)		
Growth in Demand	5.3	1.8
Capacity	1.6	1.8
End of Life	7.7	5.3
Total	14.6	8.8

	2008 Approved	2009 Test
Distribution \$M		
Growth in Demand	3.0	1.0
Capacity	0.9	1.0
End of Life	4.4	3.1
Total	8.3	5.1

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Exhibit I

Tab 8

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1 Information for 2006 and 2007 was not required by the OEB in making their
2 decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate
3 applications.
4

5 c. Additional documentation proposing the capital budget to the executive management
6 team was not required by the OEB in making their decisions on Hydro One
7 Distribution's 2006 and 2008 Cost of Service rate applications.
8

School Energy Coalition (SEC) INTERROGATORY #27 List 1

Interrogatory

[B1/3/6, p. 5] With respect to Development Programs:

- a. Please provide a detailed breakdown of the budget including a description of the three largest development projects.
- b. If business cases have been prepared for any projects, please file them.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. The 3 largest development projects are described in Exhibit B1, Tab 3, Schedule 6, Section 2.

In 2009, IREIS (a real estate application used to manage real estate facilities and to track items associated with the Company's numerous operating sites), Mobile IT (a program intended to equip field staff with the tools required to access current asset data applications), and the Asset Management & Data Collection Project (a project to collect system information data on the current state of the Distribution system in accordance with the OEB regulatory requirements) are the major drivers for these costs.

Breakdown of budget with IT Development Projects

Description	2009	2009 DX
IREIS	0.202	0.089
Mobile IT	3.026	1.331
Asset Information System	0.706	0.706
TOTALS	3.933	2.126

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Exhibit I

Tab 8

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- 1 b. Please refer to Attachment 1 for the Mobile IT ISD filed in EB-2008-0272. This level
2 of information is not available for the other two programs.
3
- 4 c. Additional documentation proposing the capital budget to the executive management
5 team was not required by the OEB in making their decisions on Hydro One
6 Distribution's 2006 and 2008 Cost of Service rate applications.
7

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Exhibit I-8-27
Attachment 1

**HYDRO ONE NETWORKS – INVESTMENT SUMMARY
DOCUMENT: MOBILE IT**

Hydro One Networks – Investment Summary Document

Investment Category: Information Technology

Reference #	Investment Name	Gross Cost	In-Service Date
IT3	Mobile IT - 2009	\$3.0M	2009
IT3	Mobile IT - 2010	\$4.0M	2010

Need:

This investment is required to permit managers and staff access to critical systems and information regarding work crews who perform data collection (asset condition assessments, inspections), work management, and time and accomplishment reporting activities. Additionally, other business functions and services can be enabled through a common mobile information technology infrastructure including enhanced customer service.

Greater than 50% of the Hydro One organization performs or supports work in the field. By 2010, the field work is expected to increase substantially over that experienced in 2005. If this investment is not undertaken, there is an ongoing risk of delayed information, inefficiencies and/or errors and omissions being encountered with data entry from field staff using current processes and tools. Hydro One's overall strategy of an adequately equipped mobile work force will be delayed and the quality of data within the recently deployed SAP – Asset and Work Management solution will be at risk.

Summary:

Based on the business and technology mobility strategy recently completed, each line of business has mobility needs for applications and data for data collection, work management, and time and accomplishment reporting processes. Significant resources are used to manage and report on field-based activities (planned maintenance), and respond to unplanned/emergency maintenance activities. Project reporting and activity planning based on timely and accurate scheduling of information for both goods and services as well as manpower and equipment require access to critical information using mobile computing tools.

After consideration of alternatives, the preferred plan is to provide mobile application tools to field staff. This investment will provide tools in the areas of data collection, work management, time and accomplishment reporting that deliver data to support business processes from Grid Operations to Asset Management, among others. This investment provides additional commercial software products, enhancements to existing software products and the installation, configuration and integration of those products.

Results:

- *Improved Asset Decision Quality:* Provide immediate access to more comprehensive and integrated asset data in corporate systems, contributing to consistency and timeliness in asset decisions.
- *Increased Productivity leading to Throughput and Visibility:* With the ability to capture data at source as well as enable remote connectivity, we will enable one-time and near-time data entry and workflow approval.
- *Prevention of rework and re-visits:* Asset condition assessment surveys on occasion require some rework or a revisit to the site. There is an anticipated general reduction in such rework as this initiative is implemented.
- *Timely Investments:* Ability to make efficient decisions regarding field assets and their replacement scheduling will be assisted by additional and available information. With increased

volumes of asset condition information, investment planners can utilize and analyze this information to strengthen decisions that replace assets at the right time, not sooner than required nor too late, avoiding undue risks to service levels.

- *Increased Customer Service Levels:* With the ability of real-time work status updates and we will be able to more accurately update our customers on appointment times and expected delays.

School Energy Coalition (SEC) INTERROGATORY #28 List 1

Interrogatory

[B1/3/6, p. 5] With respect to Cornerstone:

- a. Please file the full Cornerstone plan, together with any updates since January 1, 2008.
- b. Please file all business cases prepared for Cornerstone, including without limitation the business cases for each of Phase II and Phase III (or their major components) independent of other phases.
- c. Please file all internal analyses and other documents relating to the allocation of Cornerstone costs between distribution and transmission, including any updates since the filing for the 2008 distribution rate case.
- d. Please provide details of the currently expected “savings” related to Cornerstone for the test year and each of 2010 and 2011.
- e. Please provide a list of all software products being replaced by Phase II and Phase III, and for each such product please provide the net book value, the undepreciated capital cost for tax purposes, and the original cost and any additions, the original in service year, and the last year it was upgraded.
- f. Please explain how “change management, streamlining business processes and putting in processes and process measures to ensure ongoing adherence to the new business model and to the business rules embedded in the application” qualifies as capital spending rather than OM&A.
- g. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Please refer to the interrogatory response in Exhibit I, Tab 3, Schedule 10.
- b. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for Cornerstone is filed in Exhibit B1, Tab 3, Schedule 7, Reference SS1 & SS2.
- c. The allocation of Cornerstone costs between distribution and transmission is based on the study by R. J. Rudden Associates ("Rudden") to allocate shared assets based on the relative use by Transmission and Distribution or by cost drivers, similar to those used for the common corporate functions and services.

The Company has accepted the approach of the Rudden study as a reasonable representation of the use of shared assets amongst the business units. This methodology was utilized and subsequently endorsed by the Board in the previous Distribution rate Decision RP-2005-0020/EB-2005-0378, and in the subsequent Transmission rate Decision EB-2006-0501, and was also used in the Company's latest application for Distribution Rates for 2008 (EB-2007-0681).

- d. Please refer to the Interrogatory response in Exhibit I, Tab 3, Schedule 10.

e.

Phase	Asset Name	Cost	Depreciation	Net Book Value
Phase 2	PAY AND BENEFITS PROJECT - OHS	\$11,497,544	\$11,425,934	\$71,610
Phase 2	HR DATAWAREHOUSE REPOSITORY SY	\$1,083,154	\$1,083,154	\$0
Phase 2	PEOPLESFT FINANCIALS	\$32,655,848	\$27,046,575	\$5,609,273
Phase 2	ENTPR DATA WAREHOUSE INFRA	\$7,727,934	\$6,106,120	\$1,621,814
Phase 2	FINANCE DATA MART	\$2,422,716	\$2,141,716	\$281,001
Phase 3	ASSET INDEX BUDGET	\$7,075,817	\$5,559,161	\$1,516,656
Total		\$62,463,013	\$53,362,660	\$9,100,353

- f. The Cornerstone Project is part of the overall information technology (IT) strategy to replace several of Hydro One's key enterprise information systems as they reach their 'end of life'. The "change management" component is a critical and absolutely necessary element for successful implementation of these types of projects to ensure that the new systems operate as planned and to ensure the productivity improvement opportunities are captured. The main objectives of change management are to minimize disruption of services and to provide economic utilization of resources involved in the implementation. These costs are all part of the project implementation.

- 1 g. Additional documentation proposing the capital budget to the executive management
- 2 team was not required by the OEB in making their decisions on Hydro One
- 3 Distribution's 2006 and 2008 Cost of Service rate applications.
- 4

School Energy Coalition (SEC) INTERROGATORY #29 List 1

Interrogatory

[B1/3/6, p. 7] With respect to Facilities and Real Estate:

- a. Please file the lease of the new head office space as of February 2009. Please provide details of the new space, including size, location, and configuration, and explain any material changes relative to the old head office space. Please advise the annual lease costs for each of 2005 through 2008, and the estimated lease costs for 2009 and 2010, in the latter case disaggregating lease costs for the old space and the new space. Please provide details of any rent free period and any leasehold improvement or other allowance included in the financial terms of the new lease.
- b. Please file the renovation plan and detailed budget as approved internally for the new space.
- c. Please provide the detailed budget for this category, and reconcile the estimates of \$10 to \$12 million for leasehold improvements and \$6 to \$7 million for new furniture with the overall budget for the category of \$14.4 million (distribution) and \$30.7 million (total).
- d. Please provide the actual spending on head office furniture for each of the years 2005 through 2008.
- e. Please confirm that the amortization of the leasehold improvements for the new space will take place over the period that the new space is occupied, and that the amortization of the leasehold improvements for the old space will end when the lease expires. Please provide those respective amortization amounts for each of 2007, 2008, 2009 and 2010.
- f. Please file all internal analyses and other documents relating to the allocation of leasehold improvement costs and head office furniture costs between distribution and transmission, including any updates since the filing for the 2008 distribution rate case.
- g. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

a. Annual corporate lease costs are included in the Facilities and Real Estate OM&A budget filed in our 2008 Distribution rates proceeding (EB-2007-0681, C1-2-6). Section 3.6.3 on page 48 identifies corporate wide facilities costs of \$33.0 million, part of this amount is attributable to head office lease costs. This is provided in Attachment 1. As the lease costs are OM&A expenditures, and we are not requesting recovery of OM&A costs in this application, the lease details are not relevant to this application.

b. See response to part a) above.

c. Planned capital investment of an estimated \$30.7M relate to head office accommodation, new field buildings and existing field facility improvements in line with operational requirements. The preliminary head office lease improvement estimates include approximately \$12M for tenant improvements and \$7M for furniture systems. The remaining funding of \$11.7M addresses field requirements which result from aging facilities and operational needs, including funding for a new Picton Service Centre and a GTA Transmission Service Centre. These costs are incremental to any lease negotiated allowance.

d. Head office furniture expenditures are included in Minor Fixed Assets. Total Real Estate Capital Expenditures for MFA are provided in the Hydro One Distribution 2008 Rates filing (EB-2007-0681, page 30) and are summarized as follows:

	2005	2006	2007	2008
MFA	\$0.0M	\$0.6M	\$3.1M	\$0.6M

e. Amortization expense is calculated consistent with the IRM model. This is provided in the application at Exhibit B2-1-2, Appendix F, page 8

f. Common assets are allocated to Transmission and Distribution based on the "Rudden" methodology which was accepted by the OEB in the 2008 Distribution Rates proceeding (EB-2007-0681, Exhibit C1-5-3) and also in the 2006 Distribution Rates proceeding (EB- 2005-0378, Exhibit C1-6-3)

g. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for Facilities and Real Estate is filed in Exhibit B1, Tab 3, Schedule 7, Reference SS3, page 26.

Filed: March 9, 2009
EB-2008-0187
Exhibit I-8-29
Attachment 1

1
2
3
4

**EB-2007-0681 EXHIBIT C1, TAB 2, SCHEDULE 6
PAGES 48 TO 50 INCLUSIVE**

1 systems. In addition, Real Estate oversees the management of Hydro One's rights
2 associated with distribution and transmission lands, stations and other property. Key
3 work activities include:

- 4 • managing acquisition of real estate and new real estate rights (this includes Company
5 Transmission Development Project Initiatives across the Province);
- 6 • managing the Provincial secondary land use program on behalf of the shareholder /
7 Province, for example leasing transmission corridor lands to external parties;
- 8 • managing easement, other rights agreements on public/private sector, railway and
9 other lands;
- 10 • managing First Nations settlements and First Nations;
- 11 • managing about 500,000 unregistered, low-voltage, real estate rights agreements;
- 12 • providing specialized real estate service activities, including managing property tax
13 payments to municipalities, appealing property tax assessments, and providing
14 employee relocation services.
- 15 • maintenance of Geographic Information System (GIS) – property record database.

16
17 More specific support is provided on a selected project basis. This includes provision of
18 land ownership information, damage claim settlement, road access and other rights
19 acquisitions.

20
21 Specialized real estate services are provided as necessary. This includes assessment
22 appeals, payment of property taxes on distribution lands/buildings, as well as Employee
23 Relocation Services as appropriate.

24 25 3.6.3 Facilities

26
27 Facility costs contribute \$33.0 million, or approximately 75% of the total Real Estate
28 costs. The Facilities function manages all of the building and site facilities across the

1 Corporation. This includes leasing costs and contract management for Head Office. In
2 addition, it also includes costs for administrative & service centers, transmission site
3 facilities and infrastructure and other work locations (for example, London Call Centre
4 and the Ontario Grid Control Centre).

5
6 The Facilities Program focuses on providing employee workspace at sites across the
7 province including Head Office, administrative and service centers, including the OGCC
8 and other work locations, such as the London Call Centre, and Network Services field
9 centre facilities.

10
11 Providing adequate workspace, storage and garage facilities for employees and trades is
12 critical to the effective undertaking of organizational work programs. Equally important
13 is ensuring that new or existing employee workspaces are consistently maintained to a
14 standard that meets current work requirements and complies with all corporate,
15 legislative and other related health, safety and environmental standards.

16
17 This Program includes:

- 18
- 19 • Administration of 42 contract lease agreements for workspace rented from other
20 parties, including contractual obligations undertaken regarding payment of rent,
21 operating expenses and taxes;
 - 22 • Coordination of activities related to the ongoing management, operation, maintenance
23 and inspection of 92 administrative/service Centers;
 - 24 • Provision of support services for Head Office space, such as provision of office
25 supplies and equipment, coordination of office moves, records management and
26 tenant services.
 - 27 • Providing accommodation strategies and acquiring new employee / trades workspace
28 in line with operational requirements is also undertaken.

1
2 The Facilities work program is extensively driven by fixed cost contractual obligations as
3 well as by the current regulatory environment (including Health & Safety and Corporate
4 Standards) and corporate staff levels.

5
6 Fixed cost contractual obligations arise primarily through relationships with external
7 landlords. For example, rent, operating and tax costs are specified in formal lease
8 agreements and opportunities to significantly amend these set costs typically do not
9 materialize until the agreement expires. Other fixed costs are represented by negotiated
10 contracts with internal and external service providers for base level facility maintenance
11 (for example, Administrative/Service Centre building maintenance, janitorial and snow
12 removal, minor repairs, building component inspections) and similar activities. These
13 contracts focus on maintaining facilities in a condition that meets current employee work
14 requirements and corporate/legislative requirements.

15
16 The 2008 funding level primarily reflects the new Company accommodation and space
17 requirements. In addition, fixed facility cost components (for example, utilities, property
18 taxes, operational costs) are expected to continue to rise. This is due to the anticipated
19 escalation of electricity and natural gas prices in Ontario.

20
21 **3.7 Contracts & Business Relations**

22
23 Table 19 provides a summary of Contract & Business Relations function costs:

School Energy Coalition (SEC) INTERROGATORY #30 List 1

Interrogatory

[B1/3/6, p. 10] With respect to MFA Service Equipment:

- a. Please provide a detailed budget of this category for 2009, and comparative actuals of each budget category for 2008.
- b. Please explain why the cost of mobile degassifiers has risen so steeply in a year.
- c. Please provide the internal document or documents (including any presentation materials such as a powerpoint, any budgetary spreadsheets, and any backup documentation) proposing the capital budget in this category to the executive management team.

Response

- a. Hydro One Distribution has not provided a break-down of MFA Service Equipment in previous filings. This detail was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications
- b. The introduction of larger transformers in recent years has required the acquisition of larger and more complex degasification systems for the effective and efficient sustainment of these transformers. These degasification systems are not "off the shelf" units. Projections for such units had been \$1.2M. However, Hydro One has been making significant efforts through the leveraging of the competitive process, to mitigate this increase in price. Hydro One has recently been able to place an order for two new degasification systems that are significantly less expensive than expected – approximately \$800K each. Hydro One will be assessing these units for full deployment. The previous cost is more accurately represented as \$0.65M, not \$0.9M.
- c. Hydro One has filed Investment Summary Documents for capital in excess of \$5 million which are an input to the planning process. The ISD for Service Equipment is filed in Exhibit B1, Tab 3, Schedule 7, Reference SS5.

Additional documentation proposing the capital budget to the executive management team was not required by the OEB in making their decisions on Hydro One Distribution's 2006 and 2008 Cost of Service rate applications.

School Energy Coalition (SEC) INTERROGATORY #31 List 1

Interrogatory

[B1/3/7, p. 8] Please explain how the poles replaced in this category relate to the pole replacements referred to at B1/3/3, p. 16. Please provide aggregate information on pole replacements and costs, and how on demand and other pole replacements fit into the regular pole replacement program.

Response

The poles identified in Exhibit B1, Tab 3, Schedule 7, page 8 are poles that have failed and need to be replaced to restore power, or poles that have been found to be in a critically poor condition requiring replacement during the current calendar year and scheduled based on risk of failure. These poles do not include those replaced under storm damage. The poles identified for replacement in Exhibit B1, Tab 3, Schedule 3, page 16 are those poles that have been found to be at end of life and are scheduled for replacement on a “one for one” basis under planned conditions beyond the year inspected.

Projected average cost for the 2009 planned “one for one” replacements is \$42.2 million/7,000 poles = \$6,029. Cost for pole replacements under emergency conditions can be significantly greater based on number of factors that include the amount of collateral damage and required response, e.g., after hours requiring overtime.

School Energy Coalition (SEC) INTERROGATORY #32 List 1

Interrogatory

[B1/3/7, p. 28] Please provide the numbers of additional staff for whom equipment is being purchased in 2009, the cost of those purchases, the positions being filled by the new staff, and the reasons for the increased staffing.

Response

Hydro One Networks controls and manages 5,185 fleet units, which support the various Lines of Business, including Provincial Lines, Stations, Forestry and E&CS. Vehicles must be maintained at an optimum level to ensure public and employee safety; meet Ministry regulations such as CSA 225, Highway Traffic Act, CVOR regulations; minimize environmental impacts; and optimize productivity, safety and reliability by minimizing downtime and travel time. Fleet units are related to the level of work activities (Exhibit D1, Tab 3, Schedule 9 of EB-2008-0272) and the drive to improve efficiency.

The proposed \$39.7 M for 2009 addresses the main requirement to maintain core Fleet at an optimum level to ensure public and employee safety as well as to support expanded efforts in the forestry and lines work programs

Summary of Costs

- \$35.0 M - to maintain core Fleet requirements.
- \$3.2 M - to meet additional equipment requirements for the Forestry Program.
- \$1.5 M - to meet additional equipment requirements for the Provincial Lines Program.

The increased staff in 2009 is driven by:

- The growth in our overall work programs, and;
- Our succession planning program where we seeking to ensure knowledge is transferred to our new hires as a large percentage of our ageing workforce qualifies for retirement.

School Energy Coalition (SEC) INTERROGATORY #33 List 1

Interrogatory

Please advise the numbers of customers, by class, and kwhr or KW (as applicable) volumes by class, for 2008 (actuals) and 2009 (as currently expected by the company).

Response

Actual 2008 data is not yet available. Hydro One bills some customers on a quarterly basis, therefore 2008 actual data would only be available by the second quarter of 2009.

The 2009 data is not applicable to the Third Generation Incentive Regulation Mechanism.

School Energy Coalition (SEC) INTERROGATORY #34 List 1

Interrogatory

Please advise the actual and approved OM&A, the actual and approved rate base (calculated on the standard regulatory basis), and the actual and approved amortization expense (based on that same rate base) for 2008.

Response

The following table provides the approved 2008 Rate Base and the approved 2008 Depreciation and Amortization amounts from EB-2007-0681, draft Rate Order Exhibit 1.3, January 12, 2009 subsequently approved by the OEB on January 27, 2009.

	Approved (EB-2007-0681)
Rate Base	4,247.4
Depreciation & Amortization	229.5

The 2008 approved rate base and the associated 2008 approved depreciation amounts from EB-2007-0681 are used as inputs along with the Price Cap Index, Growth and Dead Band value to determine the Threshold Test value and the Threshold Capex amount as shown in Exhibit B2, Tab 1, Schedule 2, Appendix D, page 6 (“G2.1 Threshold Test”). Rate base is only developed as part of a Cost of Service application for the applicable test year and is not calculated on an actual basis.

Hydro One is not requesting OM&A as part of the Incremental Capital Module.

Pollution Probe (PP) INTERROGATORY #1 List 1

Interrogatory

Please provide the following information with respect to each of Hydro One's CDM programmes in 2006, 2007, and 2008:

- a) forecasted and actual MWh savings;
- b) forecasted and actual MW savings;
- c) forecasted and actual TRC Test savings; and
- d) forecasted and actual budgets.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.

Pollution Probe (PP) INTERROGATORY #2 List 1

Interrogatory

Please provide the following information with respect to each of Hydro One's 2009 CDM programmes:

- a) forecasted MWh savings;
- b) forecasted MW savings;
- c) forecasted TRC Test savings; and
- d) forecasted budget.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.

Pollution Probe (PP) INTERROGATORY #3 List 1

Interrogatory

Please state Hydro One's actual number of residential and small-business peakcover participants as of December 31, 2008. For clarity, please provide separate numbers for each group.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.

Pollution Probe (PP) INTERROGATORY #4 List 1

Interrogatory

Please provide Hydro One's forecasted number of new (i.e. additional) residential and small-business peaksaver participants in 2009. For clarity, please provide separate numbers for each group.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.

Pollution Probe (PP) INTERROGATORY #5 List 1

Interrogatory

Please provide Hydro One's best estimate of the total number of residential and small-business customers in its franchise areas that are eligible to participate in Hydro One's peaksaver programme. For clarity, please provide separate numbers for each group.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.

Pollution Probe (PP) INTERROGATORY #6 List 1

Interrogatory

a) Please provide Hydro One's best estimate of the individual kW savings provided by Hydro One's average residential peaksaver participant and Hydro One's average small business peaksaver participant.

b) Please also provide Hydro One's best estimate of the total MW savings provided by Hydro One's residential and small-business peakaver participants.

For clarity, please provide separate numbers for each group for both inquiries.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.

Pollution Probe (PP) INTERROGATORY #7 List 1

Interrogatory

Please describe Hydro One's planned activities in 2009 to increase the number of participants in its peaksaver programme.

Response

Hydro One Distribution has not requested any funding for CDM programs in this application and as such the information requested is not available in the context of this application.