

**2008 IRM – North Bay Hydro Distribution Limited
ED-2003-0024; EB-2007-0561 (2007 IRM)
Manager’s Summary**

2008 IRM Model

North Bay Hydro Distribution Limited (NBHDL) is applying for rate order approval of 2008 Tariff of Rates and Charges (Appendix A) as calculated using the OEB’s 2008 IRM model with requisite inputs.

Price Cap adjustment and fixed X factor

The Board has determined that the GDP-IPI for the 2008 Rate application is a current value of 1.90%. As such, NBHDL has used the default value as found in the current version of the 2008 IRM model. NBHDL is aware that this value will be updated with the final 2007 data are published by Statistics Canada around the end of February 2008. The GDP-IPI will be adjusted downward for a productivity improvement X factor of 1%.

K-Factor adjustment

Beginning in 2008 the Board is mandating an adjustment to transition to the deemed capital structure of 60% debt and 40% equity. In this regard NBHDL, as a small size utility, is applying a K factor downward adjustment of .7% based on a transitional ratio of 53.3% debt and 46.7% equity.

Smart Meter Adder

NBHDL currently includes a fixed monthly smart meter rider of \$.26 per metered customer in accordance with NBHDL’s 2007 rate order. In accordance with the filing model the smart meter rate adder has been removed prior to application of the price cap, X factor and K factor adjustments and then added back and re-incorporated in the 2008 rates at \$.26 per month.

Z-Factor adjustment

NBHDL is applying for a Z-factor rate rider adjustment of \$.65 per month per customer for recovery of storm damage costs incurred in 2006. NBHDL is seeking recovery over a 24 month period of incremental storm costs totaling \$407,047 as detailed in the attached appendix B and deferral of these expenses to account 1572, Extraordinary Event Costs. NBHDL’s application for this rate rider of \$.65 per month has the following approximate bill impacts:

- Average Residential customer (1,000 kWh monthly) .60%
- Average General Service customer (2,000 kWh monthly) .30%

Regulatory Asset Recovery

In accordance with the 2008 IRM filing model and filing guidelines and based on correspondence from OEB staff NBHDL has applied to remove the rate rider for regulatory asset recovery that was approved in the 2006 EDR. NBHDL will be applying for a recovery of the December 31, 2006 regulatory asset balances with adjustments or projections to April 30, 2008 in a subsequent application to the Board.

Ontario Uniform Transmission Rate Order, EB-2007-0759: Effect on Distributor Retail Transmission Rates

The OEB issued a directive dated October 29, 2007 requiring LDC's to propose an adjustment to their retail transmission rates and disposition of the associated variance account balance in its 2008 Cost of Service or IRM application, as applicable. Resetting of these rates will take into consideration the reduction in the wholesale transmission rates and the projected pattern of variance in these accounts. NBHDL has confirmed with OEB staff that the current 2008 IRM filing model does not allow for inputting or changing the retail transmission rates. This impediment coupled with the time resources required to complete the required analysis and rate determinant NBHDL is prevented from applying for an adjustment to the retail transmission rates in this application. NBHDL will under take to file a separate application in this regard.

Bill Impacts

Based on the filing requirements of the Board, NBHDL is currently applying for adjustments to its distribution rates that will impact our average customers as follows:

- Residential customer using 1,000 kWh per month .40% decrease
- Small General Service using 2,000 kWh per month .70% decrease
- General Service > 50 KW 40,000 kWh/100 kW 1.1% decrease
- General Service 3,000 to 4,999 kW 2M kWh 1.6% decrease

These decreases are reflective of the expiration of the regulatory asset rate rider effective April 30, 2008. NBHDL will be applying for a regulatory asset rate rider to be effective May 1, 2008 under a separate application.

Elizabeth Chirico, CA
Manager Finance – North Bay Hydro Distribution Limited

Appendix A – Proposed 2008 Tariff of Rates and Charges

North Bay Hydro Distribution Limited

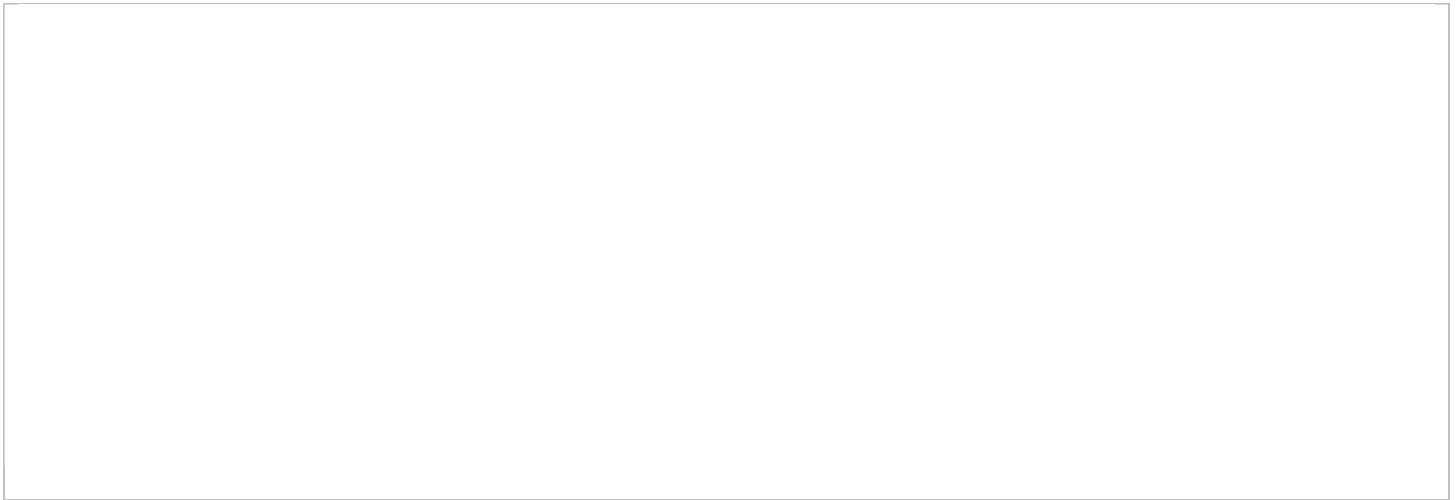
Tariff OF RATES AND CHARGES

Effective May 1, 2008*

(*Except as otherwise noted)

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

EB-2007-0561



MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	12.93
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kWh	0.0113
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	22.20
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kWh	0.0140
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052

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

General Service 50 to 2,999 kW

Service Charge	\$	315.12
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	2.2025
Retail Transmission Rate – Network Service Rate	\$/kW	2.1218
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6678
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service 3,000 to 4,999 kW

Service Charge	\$	2,426.19
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	0.7402
Retail Transmission Rate – Network Service Rate	\$/kW	2.2508
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8432
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge	\$	21.99
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kWh	0.0140
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Sentinel Lighting

Service Charge	\$	2.00
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	6.9784
Retail Transmission Rate – Network Service Rate	\$/kW	1.6083
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3163
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Street Lighting

Service Charge	\$	0.44
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	2.3832

Retail Transmission Rate – Network Service Rate	\$/kW	1.6002
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2893
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Customer Administration

Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	165.00
Service call - customer-owned equipment	\$	30.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

Allowances

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

LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0387
Total Loss Factor – Secondary Metered Customer > 5,000 kW	n/a
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0283
Total Loss Factor – Primary Metered Customer > 5,000 kW	n/a

Appendix B – Storm Cost Recovery – Z Factor Eligibility Criteria and Rate Rider Calculation

Causation:	Cost incurred for Storm Damage on July 17, 2006.	
North Bay Hydro Labour	Overtime hours	133,922.07
Contract Labour	W.P. Aultman	9,050.61
	Badger Daylighting Inc.	3,021.30
	Orillia Power Corp.	43,273.90
	Sudbury Hydro	11,635.48
	Lakeland Power Dist.	18,489.85
	Armstrong Electric	129.60
	Eagle Tree Service	53,762.40
	Electrical Safety Authority	706.32
	Total contract labour	140,069.46
Other	Material	124,908.18
	Trucks (overtime hours)	19,948.00
	Lodging/Meals/Travel	10,351.90
	Interest	40,847.68
		\$ 470,047.29

Total Storm Costs	\$470,047.29
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Total Distribution expenses as per 2006 EDR model	\$7,245,392.00
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Materiality:

Factor	0.2%
Materiality percentage	6.49%
Materiality threshold	\$14,490.78

**Appendix B - Storm Cost Recovery – Z Factor Eligibility Criteria and Rate Rider
Calculation – cont'd**

Prudence: Costs attributed to the storm are \$509,747.04. North Bay Hydro is seeking to recover **\$470,047.29**
 Only repairs to damaged plant are in above amounts.
 Tree removal is for those on lines only in order to restore power as soon as possible.
 Mutual aid was enlisted in order to restore power as quickly and efficiently as possible.

**Customer Count as
per 2006 EDR Model
Rate Impact:**

		Annualized	Over 24 mths	Monthly Recovery	Total Recovery
Residential	20,364	\$15.68	\$0.65	\$13,306.48	\$319,355.52
GS less than 50 kW	2,895	\$15.68	\$0.65	\$1,891.68	\$45,400.42
GS 50 to 4,999 kW	253	\$15.68	\$0.65	\$165.32	\$3,967.64
Intermediate	2	\$15.68	\$0.65	\$1.31	\$31.36
Sentinel Lighting	1,000	\$15.68	\$0.65	\$653.43	\$15,682.36
Street Lighting	5,459	\$15.68	\$0.65	\$3,567.08	\$85,609.99
Total	29,973				\$470,047.29

Appendix C – Storm 2006 Background

On Monday, July 17, 2006 the North Bay area was hit by a severe wind storm that knocked out distribution equipment and facilities resulting in a widespread power outage.

Approximately 95% of the distribution area was without power in the early hours after the storm hit. Power was restored to approximately 95% of the city by Thursday, July 20. Crews continued to work on restoring power until Sunday July 23 to isolated sections of the city, with service restored to urban areas by Friday July 21 and rural areas completed on July 23. A number of secondary services that required repairs by electricians were restored during the week of July 24.

While the bulk of the damage was repaired in the days following the storm, we continue to experience a significantly higher than normal rate of outages due to the lingering effects of the storm, primarily due to forestry related issues.

North Bay Hydro incurred significant costs restoring power to the distribution area, working around the clock and maintaining 24 hour staffing to answer customer calls. A full accounting of the costs is not available at this time as there are still a number of items that have not be resolved or billed at this time. A summary of costs directly related to storm recovery and restoration of power are listed:

- Hydro crews and outside staff direct labour costs, including regular, overtime and related overheads
- Management time spent directing and resolving storm crisis, for at least 6 days management and supervisory staff efforts were concentrated on support, staffing, communication, engineering and safety issues regarding storm recovery, all other regular duties were deferred.
- Contract services for removal of trees, repair of distribution assets, materials
- Material costs to repair and replace distribution assets (lines, transformers, conduit, conductors)
- Allocated equipment costs related to storm repairs (vehicle maintenance expenses)
- Replacement of distribution transformers (approximately 21)
- Rental of portable substation to temporarily replace disabled substation #17
- Labour, overhead, food and lodging for external hydro crews (3 crews for approximately one week)

At this point, the effect on regular planned maintenance, capital programs and the tree trimming contract have not been quantified. An initial assessment suggests that these programs have been displaced by 3-4 weeks. However there should be some consideration of the quantitative and qualitative impacts on the distribution system assets and resources.

Storm Press Items


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Ontario Energy Board

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Sheet 1 Utility Information Sheet

Legend:	Input Cell	Pull-Down Menu Option	Output Cell
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Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.

Name of LDC:	North Bay Hydro Distribution Limited		
Licence Number:	ED-2003-0024		
IRM 2008 EB Number: (if known)	EB-2007-XXXX		
IRM 2007 EB Number:	EB-2007-0561		
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0397
Date of Submission:	11/01/07	Last Saved Date:	11/01/07 2:15 PM
Model Version:	2.0		
Contact Information			
Name:	Elizabeth Chirico		
Title:	Manager Finance		
Phone Number:	705 474-8100 Ext 310		
E-Mail Address:	echirico@northbayhydro.com		

Please Note: In the event of an inconsistency between this model and any element of the December 20, 2006 "Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation of Ontario's Electricity Distributors", the Report governs.

Comments

Copyright

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2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 2 - 2007 Rate Classes

Are you changing the descriptions of any of your Service Classifications?

YES NO

Service Classifications, including descriptions, can be found on your Board Approved 2007 Tariff of Rates and Charges.

Instructions:

(In some instances, rate classifications may differ from service classifications. The following table accounts for those differences.)

Using the pull-down list in column B, choose the classes that match those on your Board-Approved 2007 Tariff of Rates and Charges, are found under sub-heading "Monthly Rates and Charges". (If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

Indicate which Rate Classifications exist using the pull-down menu in column C.

Changes made to the Class names will affect the rest of the model.

Upon completion, press the update button.

LEGEND

INPUT CELLS

PULL-DOWN MENU

OUTPUT CELLS

	Rate Classifications	Currently in Place
1	Residential	Yes
2	General Service Less Than 50 kW	Yes
3	General Service 50 to 2,999 kW	Yes
4	General Service 3,000 to 4,999 kW	Yes
5	Unmetered Scattered Load	Yes
6	Sentinel Lighting	Yes
7	Street Lighting	Yes
8	Rate Class 8	No
9	Rate Class 9	No
10	Rate Class 10	No
11	Rate Class 11	No
12	Rate Class 12	No
13	Rate Class 13	No
14	Rate Class 14	No
15	Rate Class 15	No
16	Rate Class 16	No





2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

MONTHLY RATES AND CHARGES

Using the pull-down menu in column H below, indicate whether (Yes) or not (No) the rate riders will be continuing into the 2008-09 rate year

Residential

Service Charge	\$	12.90	
Distribution Volumetric Rate	\$/kWh	0.0113	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0011	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

General Service Less Than 50 kW

Service Charge	\$	22.16	
Distribution Volumetric Rate	\$/kWh	0.0140	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0011	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

General Service 50 to 2,999 kW

Service Charge	\$	314.49	
Distribution Volumetric Rate	\$/kW	2.1981	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.4575	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.1218	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6678	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

General Service 3,000 to 4,999 kW

Service Charge	\$	2,421.35	
Distribution Volumetric Rate	\$/kW	0.7387	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.6023	No
Retail Transmission Rate – Network Service Rate	\$/kW	2.2508	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8432	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

Unmetered Scattered Load

Service Charge	\$	21.95	
Distribution Volumetric Rate	\$/kWh	0.0140	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0011	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

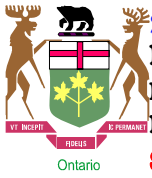
Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

Sentinel Lighting

Service Charge	\$	2.00	
Distribution Volumetric Rate	\$/kW	6.9645	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.2547	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.6083	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3163	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

Street Lighting

Service Charge	\$	0.44	
Distribution Volumetric Rate	\$/kW	2.3784	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	0.3686	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.6002	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2893	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

Ontario



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 4 - Smart Meter Information

The smart meter plan rate adder is a monthly service charge for metered customers equivalent to an amount of \$0.30 per month per residential customer for utilities that do not have a plan. A different amount applied to utilities who had a smart meter plan that was modified in accordance with the Decision with Reasons RP-2005-0020 / EB-2005-0529

Please identify the customer classes and sub-classes that the smart meter funding incremental adjustment applies to by inserting the smart meter rate adder into column D. For most utilities, the rate adder can be located in the Board-approved 2007 IRM model. Clicking the cursor on the Residential cell should show the formula for the monthly service charge including the smart meter adder. The adder is the same for all metered classes and sub-classes of a distributor.

Leave column F blank, and the model will by default use the existing rate adder in the following calculations. If a new value of the rate rider is required by a subsequent decision, Board staff will enter the appropriate values in column F.

Smart Meter Rate Adder

	2007 IRM	2008 IRM
Residential	\$ 0.26	
General Service Less Than 50 kW	\$ 0.26	
General Service 50 to 2,999 kW	\$ 0.26	
General Service 3,000 to 4,999 kW	\$ 0.26	



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 5 - Removal of Smart Meter and CDM

Did the applicant receive Board approval for incremental CDM spending (over and above the 3rd tranche) in 2007?

YES NO

Class	2007 Monthly Service Charge	2007 Volumetric Rate Charge	Less: 2007 Smart Meter Adder from Monthly Service Charge		Adjusted Monthly Service Charge	Adjusted Volumetric Charge	
	\$	kW / kWh	\$	\$	\$	kW / kWh	
<i>Residential</i>	\$ 12.90	\$ 0.0113	\$ 0.26	\$ 0.26	\$ 12.64	\$ 0.0113	\$/kWh
<i>General Service Less Than 50 kW</i>	\$ 22.16	\$ 0.0140	\$ 0.26	\$ 0.26	\$ 21.90	\$ 0.0140	\$/kWh
<i>General Service 50 to 2,999 kW</i>	\$ 314.49	\$ 2.1981	\$ 0.26	\$ 0.26	\$ 314.23	\$ 2.1981	\$/kW
<i>General Service 3,000 to 4,999 kW</i>	\$ 2,421.35	\$ 0.7387	\$ 0.26	\$ 0.26	\$ 2,421.09	\$ 0.7387	\$/kW
<i>Unmetered Scattered Load</i>	\$ 21.95	\$ 0.0140	\$ -	\$ -	\$ 21.95	\$ 0.0140	\$/kWh
<i>Sentinel Lighting</i>	\$ 2.00	\$ 6.9645	\$ -	\$ -	\$ 2.00	\$ 6.9645	\$/kW
<i>Street Lighting</i>	\$ 0.44	\$ 2.3784	\$ -	\$ -	\$ 0.44	\$ 2.3784	\$/kW



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 6 - K-Factor Derivation

Capital Structure Transition

Size of Utility (Rate Base)

Year	Small [\$0, \$100M)		Med-Small [\$100M, \$250M)		Med-Large [\$250M, \$1B)		Large >=\$1B	
	Debt	Equity	Debt	Equity	Debt	Equity	Debt	Equity
2007	50.0%	50.0%	55.0%	45.0%	60.0%	40.0%	65.0%	35.0%
2008	53.3%	46.7%	57.5%	42.5%	60.0%	40.0%	62.5%	37.5%
2009	56.7%	43.3%	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%
2010	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%

Cost of Capital parameters

ROE	A	9.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	5.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 36,301,921	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

Deemed Capital Structure

		Debt	Equity	
Current	E1	50.0%	50.0%	E2 Based on C, copies the deemed D/E from row "2007" of the table
2008	F1	53.3%	46.7%	F2 Based on C, copies the deemed D/E from row "2008" of the table

Cost of Capital

Current	G	7%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	6.87%	= (F1 X B) + (F2 X A)	

Return on Rate Base

Current	I	\$ 2,541,134.47	= C X G / 100
2008	J	\$ 2,493,215.93	= C X H / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 7,245,392	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 9,786,110	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 119,348	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

Current	N	\$ 9,786,526.47	= I + K
2008	O	\$ 9,738,607.93	= J + K

Target Net Income (EBIT)

Current	\$ 1,633,586.45	P1 = I - P2
2008	\$ 1,525,769.74	Q1 = J - Q2

Interest Expense

Current	\$ 907,548.03	P2 = C X (B X E1 / 100)
2008	\$ 967,446.19	Q2 = C X (B X F1 / 100)

PILs

Tax Rate R 36.12% (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)

Large Corporation Tax Allowance (if applicable) - grossed up	\$ -	S	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$ 107,048	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$ 1,261,920	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	Current \$ 2,050,753	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008 \$ 2,011,810	AD	= AC + (Q1 - P1) * (R / 100)
Federal Tax (grossed up)	Current \$ 1,159,568	V	= AC * (R / 100) / (1 - R / 100) 1,266,616
	2008 \$ 1,137,548	W	= AD * (R / 100) / (1 - R / 100)

Base Revenue Requirement Adjustment (including PILs)

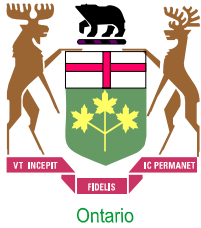
Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR,

Current	\$ 11,053,142.38	X	= N + V + T
2008	\$ 10,983,203.88	Y	= O + W + T

Base Revenue Requirement (plus transformer allowance credit)

(Transformer allowance credit needs to be added onto revenue requirement for full rate recovery - similar to LCT calculation in 2007 EDR)

Current	\$ 9,905,458.00	Z	= L + M
2008	\$ 9,835,519.50	AA1	= Z + (Y - X)
Difference	\$ - 69,938.50	AA2	= AA1 - Z
K-factor	-0.7%	AB	= AA2 / Z



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 7 - Price Cap Adjustment

Note: No inputs are required for this worksheet.

Price Escalator (GDP-IPI)	Average annual expected Productivity Gain (X)	(GDP-IPI) - X	K-Factor	Total Price Cap Adjustment
1.9%	1.0%	0.9%	-0.7%	0.2%
	Adjusted Monthly Service Charge	Monthly Service Charge with Price Cap Adjustment	Adjusted Volumetric Rate (kW / kWh)	Volumetric Rate with Price Cap Adjustment
<i>Residential</i>	\$ 12.64	\$ 12.67	\$ 0.0113	\$ 0.0113
<i>General Service Less Than 50 kW</i>	\$ 21.90	\$ 21.94	\$ 0.0140	\$ 0.0140
<i>General Service 50 to 2,999 kW</i>	\$ 314.23	\$ 314.86	\$ 2.1981	\$ 2.2025
<i>General Service 3,000 to 4,999 kW</i>	\$ 2,421.09	\$ 2,425.93	\$ 0.7387	\$ 0.7402
<i>Unmetered Scattered Load</i>	\$ 21.95	\$ 21.99	\$ 0.0140	\$ 0.0140
<i>Sentinel Lighting</i>	\$ 2.00	\$ 2.00	\$ 6.9645	\$ 6.9784
<i>Street Lighting</i>	\$ 0.44	\$ 0.44	\$ 2.3784	\$ 2.3832

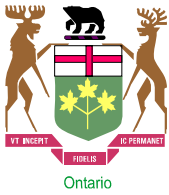


2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL
North Bay Hydro Distribution Limited
EB-2007-XXXX, EB-2007-0561, EB-2005-0397
November 1, 2007

Sheet 8 - Addback of Smart Meter Rate Adder

Note: No inputs are required for this worksheet.

Class	Monthly Service Charge \$	Add: Smart Meter Rate Adder \$	Adjusted Monthly Service Charge \$	Adjusted Volumetric Charge kW / kWh
<i>Residential</i>	\$ 12.67	\$ 0.26	\$ 12.93	0.0113
<i>General Service Less Than 50 kW</i>	\$ 21.94	\$ 0.26	\$ 22.20	0.0140
<i>General Service 50 to 2,999 kW</i>	\$ 314.86	\$ 0.26	\$ 315.12	2.2025
<i>General Service 3,000 to 4,999 kW</i>	\$ 2,425.93	\$ 0.26	\$ 2,426.19	0.7402
<i>Unmetered Scattered Load</i>	\$ 21.99	-	\$ 21.99	0.0140
<i>Sentinel Lighting</i>	\$ 2.00	-	\$ 2.00	6.9784
<i>Street Lighting</i>	\$ 0.44	-	\$ 0.44	2.3832



2008 INCENTIVE RATE MECHANISM ADJUSTMENT
North Bay Hydro Distribution Limited
EB-2007-XXXX, EB-2007-0561, EB-2005-0397
November 1, 2007
Sheet 9. - Z-Factor Rate Rider Adjustment

Is the Applicant seeking Board approval for other rate adjustments? YES NO

Z-Factor rate riders being applied for as part of the 2008 IRM rate adjustments should comply with Section 3.5 and Appendix C of the *Report of the Board on Cost of Capital and 2nd Generation Regulation Mechanism for Ontario's Electricity Distributors*, issued December 20, 2006 (link http://www.oeb.gov.on.ca/documents/cases/EB-2006-0088/report_of_the_board_201206.pdf). Rate riders applied for should comply with the eligibility requirements. A distributor should also file adequate support for its proposal.

In columns C and D below, insert the Z-Factor rate riders associated with the rate adjustment. Provide a brief explanation about the nature of the rate adjustment.

On Monday July 17, 2006 the North Bay area was hit by a severe wind storm that knocked out distribution equipment and facilities resulting in a widespread power outage. Approximately 95% of the distribution area was without power in the early hours after the storm hit. Power was restored to approximately 95% of the city by Thursday July 20th. Service was restored to urban areas by Friday July 21st and rural areas completed by July 23rd. NBHDL is seeking to recover \$470,047.29 in costs attributed to the storm.

Class	<i>Monthly Service Charge Rate Rider</i>	<i>Volumetric Charge Rate Rider</i>
	\$	kW / kWh
<i>Residential</i>	\$ 0.6500	
<i>General Service Less Than 50 kW</i>	\$ 0.6500	
<i>General Service 50 to 2,999 kW</i>	\$ 0.6500	
<i>General Service 3,000 to 4,999 kW</i>	\$ 0.6500	
<i>Unmetered Scattered Load</i>	\$ 0.6500	
<i>Sentinel Lighting</i>	\$ 0.6500	
<i>Street Lighting</i>	\$ 0.6500	

North Bay Hydro Distribution Limited

Tariff OF RATES AND CHARGES

Effective May 1, 2008*

(*Except as otherwise noted)

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

EB-2007-0561

FOR OEB STAFF USE ONLY

MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	12.93
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kWh	0.0113
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	22.20
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kWh	0.0140
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service 50 to 2,999 kW

Service Charge	\$	315.12
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	2.2025
Retail Transmission Rate – Network Service Rate	\$/kW	2.1218
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6678
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service 3,000 to 4,999 kW

Service Charge	\$	2,426.19
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	0.7402
Retail Transmission Rate – Network Service Rate	\$/kW	2.2508
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8432
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge	\$	21.99
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kWh	0.0140
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Sentinel Lighting

Service Charge	\$	2.00
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	6.9784
Retail Transmission Rate – Network Service Rate	\$/kW	1.6083
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3163
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Street Lighting

Service Charge	\$	0.44
Service Charge - Non-Routine Rate Rider	\$	0.65
Distribution Volumetric Rate	\$/kW	2.3832
Retail Transmission Rate – Network Service Rate	\$/kW	1.6002
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2893
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Customer Administration

Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	165.00
Service call - customer-owned equipment	\$	30.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

Residential

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 12.90	\$ 0.0113
Less: Smart meters	-\$ 0.26	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.11	\$ 0.0001
Add: K-Factor	\$ (0.09)	\$ 0.0001
Add: Smart Meters	\$ 0.26	\$ -
Final 2008 Rates	\$ 12.93	\$ 0.0113

General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 22.16	\$ 0.0140
Less: Smart meters	-\$ 0.26	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.20	\$ 0.0001
Add: K-Factor	\$ (0.15)	\$ 0.0001
Add: Smart Meters	\$ 0.26	\$ -
Final 2008 Rates	\$ 22.20	\$ 0.0140

General Service 50 to 2,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 314.49	\$ 2.1981
Less: Smart meters	-\$ 0.26	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 2.83	\$ 0.0198
Add: K-Factor	\$ (2.20)	\$ 0.0154
Add: Smart Meters	\$ 0.26	\$ -
Final 2008 Rates	\$ 315.12	\$ 2.2025

General Service 3,000 to 4,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 2,421.35	\$ 0.7387
Less: Smart meters	-\$ 0.26	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 21.79	\$ 0.0066
Add: K-Factor	\$ (16.95)	\$ 0.0052
Add: Smart Meters	\$ 0.26	\$ -
Final 2008 Rates	\$ 2,426.19	\$ 0.7402



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 11 - Distribution Rate Change Summary

Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 21.95	\$ 0.0140
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.20	\$ 0.0001
Add: K-Factor	\$ (0.15)	\$ 0.0001
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 21.99	\$ 0.0140

Sentinel Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 2.00	\$ 6.9645
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.02	\$ 0.0627
Add: K-Factor	\$ (0.01)	\$ 0.0488
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 2.00	\$ 6.9784

Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 0.44	\$ 2.3784
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.00	\$ 0.0214
Add: K-Factor	\$ (0.00)	\$ 0.0166
Add: Smart Meters	\$ -	\$ -
Final 2008 Rates	\$ 0.44	\$ 2.3832



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 11 - Distribution Rate Change Summary



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 12 - Annualized Bill Impact

Instructions

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Regulated Price Plan	Residential	May-07 Threshold	May-07 \$/ kWh	May-08 Threshold	May-08 \$/ kWh
less than or equal to		600 \$	0.053	600 \$	0.053
greater than		> 600 \$	0.062	> 600 \$	0.062

Regulated Price Plan	Non-Residential	May-07 Threshold	May-07 \$/ kWh	May-08 Threshold	May-08 \$/ kWh
less than or equal to		750 \$	0.053	750 \$	0.053
greater than		> 750 \$	0.062	> 750 \$	0.062

Residential

Consumption	1,000 kWh	0 kW	Loss Factor 1.0387
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	\$ 0.0530	\$ 31.80	600	\$ 0.0530	\$ 31.80	\$0.00	0.0%	27.68%
Energy Second Tier (kWh)	439	\$ 0.0620	\$ 27.20	439	\$ 0.0620	\$ 27.20	\$0.00	0.0%	23.68%
Sub-Total: Energy			\$ 59.00			\$ 59.00	\$0.00	0.0%	51.36%
Monthly Service Charge	1	\$ 12.90	\$ 12.90	1	\$ 12.93	\$ 12.93	\$0.03	0.2%	11.26%
Distribution (kWh)	1,000	\$ 0.0113	\$ 11.30	1,000	\$ 0.0113	\$ 11.30	\$0.00	0.0%	9.84%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0011	\$ 1.10	1,000	\$ -	\$ -	(\$1.10)	(100.0)%	0.00%
Rate Riders	1,000	\$ -	\$ -	1,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	0.57%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1,039	\$ 0.0057	\$ 5.92	1,039	\$ 0.0057	\$ 5.92	\$0.00	0.0%	5.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,039	\$ 0.0047	\$ 4.88	1,039	\$ 0.0047	\$ 4.88	\$0.00	0.0%	4.25%
Sub-Total: Delivery			\$ 36.10			\$ 35.68	(\$0.42)	(1.2)%	31.06%
Wholesale Market Service Rate	1039	\$ 0.0052	\$ 5.40	1039	\$ 0.0052	\$ 5.40	\$0.00	0.0%	4.70%
Rural Rate Protection Charge	1039	\$ 0.0010	\$ 1.04	1039	\$ 0.0010	\$ 1.04	\$0.00	0.0%	0.90%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.22%
Sub-Total: Regulatory			\$ 6.69			\$ 6.69	\$0.00	0.0%	5.82%
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%	6.09%
Total Bill before Taxes			\$ 108.79			\$ 108.37	(\$0.42)	(0.4)%	94.34%
GST	\$ 108.79	6.00%	\$ 6.53	\$ 108.37	6.00%	\$ 6.50	(\$0.03)	(0.4)%	5.66%
Total Bill after Taxes			\$ 115.32			\$ 114.87	(\$0.45)	(0.4)%	100.00%

General Service Less Than 50 kW

Consumption	2,000 kWh	0 kW	Loss Factor 1.0387
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	17.08%
Energy Second Tier (kWh)	1,327	\$ 0.0620	\$ 82.30	1,327	\$ 0.0620	\$ 82.30	\$0.00	0.0%	35.36%
Sub-Total: Energy			\$ 122.05			\$ 122.05	\$0.00	0.0%	52.44%
Monthly Service Charge	1	\$ 22.16	\$ 22.16	1	\$ 22.20	\$ 22.20	\$0.04	0.2%	9.54%
Distribution (kWh)	2,000	\$ 0.0140	\$ 28.00	2,000	\$ 0.0140	\$ 28.00	\$0.00	0.0%	12.03%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	2,000	\$ 0.0011	\$ 2.20	2,000	\$ -	\$ -	(\$2.20)	(100.0)%	0.00%
Rate Riders	2,000	\$ -	\$ -	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	0.28%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	2,077	\$ 0.0052	\$ 10.80	2,077	\$ 0.0052	\$ 10.80	\$0.00	0.0%	4.64%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 12 - Annualized Bill Impact

Instructions

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Retail Transmission Rate – Line and Transformation Connection Service Rate	2,077	\$ 0.0042	\$ 8.73	2,077	\$ 0.0042	\$ 8.73	\$0.00	0.0%	3.75%
Sub-Total: Delivery			\$ 71.89			\$ 70.38	(\$1.51)	(2.1)%	30.24%
Wholesale Market Service Rate	2077	\$ 0.0052	\$ 10.80	2077	\$ 0.0052	\$ 10.80	\$0.00	0.0%	4.64%
Rural Rate Protection Charge	2077	\$ 0.0010	\$ 2.08	2077	\$ 0.0010	\$ 2.08	\$0.00	0.0%	0.89%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.11%
Sub-Total: Regulatory			\$ 13.13			\$ 13.13	\$0.00	0.0%	5.64%
Debt Retirement Charge (DRC)	2,000	\$ 0.0070	\$ 14.00	2,000	\$ 0.0070	\$ 14.00	\$0.00	0.0%	6.02%
Total Bill before Taxes			\$ 221.07			\$ 219.56	(\$1.51)	(0.7)%	94.34%
GST	\$ 221.07	6.00%	\$ 13.26	\$ 219.56	6.00%	\$ 13.17	(\$0.09)	(0.7)%	5.66%
Total Bill after Taxes			\$ 234.33			\$ 232.73	(\$1.60)	(0.7)%	100.00%

General Service 50 to 2,999 kW

Consumption

40,000

kWh

100

kW

Loss Factor 1.0387

	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.93%
Energy Second Tier (kWh)	40,798	\$ 0.0620	\$ 2,529.48	40,798	\$ 0.0620	\$ 2,529.48	\$0.00	0.0%	59.11%
Sub-Total: Energy			\$ 2,569.23			\$ 2,569.23	\$0.00	0.0%	60.04%
Monthly Service Charge	1	\$ 314.49	\$ 314.49	1	\$ 315.12	\$ 315.12	\$0.63	0.2%	7.36%
Distribution (kWh)	40,000	\$ -	\$ -	40,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	100	\$ 2.1981	\$ 219.81	100	\$ 2.2025	\$ 220.25	\$0.44	0.2%	5.15%
Regulatory Assets (kWh)	100	\$ 0.4575	\$ 45.75	100	\$ -	\$ -	(\$45.75)	(100.0)%	0.00%
Rate Riders	100	\$ -	\$ -	100	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	0.02%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	100	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	104	\$ 2.1218	\$ 220.39	104	\$ 2.1218	\$ 220.39	\$0.00	0.0%	5.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	104	\$ 1.6678	\$ 173.23	104	\$ 1.6678	\$ 173.23	\$0.00	0.0%	4.05%
Sub-Total: Delivery			\$ 973.68			\$ 929.65	(\$44.03)	(4.5)%	21.73%
Wholesale Market Service Rate	41548	\$ 0.0052	\$ 216.05	41548	\$ 0.0052	\$ 216.05	\$0.00	0.0%	5.05%
Rural Rate Protection Charge	41548	\$ 0.0010	\$ 41.55	41548	\$ 0.0010	\$ 41.55	\$0.00	0.0%	0.97%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.01%
Sub-Total: Regulatory			\$ 257.85			\$ 257.85	\$0.00	0.0%	6.03%
Debt Retirement Charge (DRC)	40,000	\$ 0.0070	\$ 280.00	40,000	\$ 0.0070	\$ 280.00	\$0.00	0.0%	6.54%
Total Bill before Taxes			\$ 4,080.75			\$ 4,036.72	(\$44.03)	(1.1)%	94.34%
GST	\$ 4,080.75	6.00%	\$ 244.84	\$ 4,036.72	6.00%	\$ 242.20	(\$2.64)	(1.1)%	5.66%
Total Bill after Taxes			\$ 4,325.59			\$ 4,278.92	(\$46.67)	(1.1)%	100.00%

Instructions

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

General Service 3,000 to 4,999 kW

Consumption **2,000,000 kWh** **4,000 kW** **Loss Factor 1.0387**

	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.02%
Energy Second Tier (kWh)	2,076,650	\$ 0.0620	\$ 128,752.30	2,076,650	\$ 0.0620	\$ 128,752.30	\$0.00	0.0%	68.21%
Sub-Total: Energy			\$ 128,792.05			\$ 128,792.05	\$0.00	0.0%	68.23%
Monthly Service Charge	1	\$ 2,421.35	\$ 2,421.35	1	\$ 2,426.19	\$ 2,426.19	\$4.84	0.2%	1.29%
Distribution (kWh)	2,000,000	\$ -	\$ -	2,000,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	4,000	\$ 0.7387	\$ 2,954.80	4,000	\$ 0.7402	\$ 2,960.80	\$6.00	0.2%	1.57%
Regulatory Assets (kWh)	4,000	\$ 0.6023	\$ 2,409.20	4,000	\$ -	\$ -	(\$2,409.20)	(100.0)%	0.00%
Rate Riders	4,000	\$ -	\$ -	4,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	4,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	4,155	\$ 2.2508	\$ 9,351.62	4,155	\$ 2.2508	\$ 9,351.62	\$0.00	0.0%	4.95%
Retail Transmission Rate – Line and Transformation Connection Service Rate	4,155	\$ 1.8432	\$ 7,658.13	4,155	\$ 1.8432	\$ 7,658.13	\$0.00	0.0%	4.06%
Sub-Total: Delivery			\$ 24,795.10			\$ 22,397.39	(\$2,397.71)	(9.7)%	11.87%
Wholesale Market Service Rate	2077400	\$ 0.0052	\$ 10,802.48	2077400	\$ 0.0052	\$ 10,802.48	\$0.00	0.0%	5.72%
Rural Rate Protection Charge	2077400	\$ 0.0010	\$ 2,077.40	2077400	\$ 0.0010	\$ 2,077.40	\$0.00	0.0%	1.10%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
Sub-Total: Regulatory			\$ 12,880.13			\$ 12,880.13	\$0.00	0.0%	6.82%
Debt Retirement Charge (DRC)	2,000,000	\$ 0.0070	\$ 14,000.00	2,000,000	\$ 0.0070	\$ 14,000.00	\$0.00	0.0%	7.42%
Total Bill before Taxes			\$ 180,467.28			\$ 178,069.57	(\$2,397.71)	(1.3)%	94.34%
GST	\$ 180,467.28	6.00%	\$ 10,828.04	\$ 178,069.57	6.00%	\$ 10,684.17	(\$143.86)	(1.3)%	5.66%
Total Bill after Taxes			\$ 191,295.32			\$ 188,753.75	(\$2,541.57)	(1.3)%	100.00%

Unmetered Scattered Load

Consumption **1,000 kWh** **0 kW** **Loss Factor 1.0387**

	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	31.85%
Energy Second Tier (kWh)	289	\$ 0.0620	\$ 17.90	289	\$ 0.0620	\$ 17.90	\$0.00	0.0%	14.34%
Sub-Total: Energy			\$ 57.65			\$ 57.65	\$0.00	0.0%	46.19%
Monthly Service Charge	1	\$ 21.95	\$ 21.95	1	\$ 21.99	\$ 21.99	\$0.04	0.2%	17.62%
Distribution (kWh)	1,000	\$ 0.0140	\$ 14.00	1,000	\$ 0.0140	\$ 14.00	\$0.00	0.0%	11.22%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0011	\$ 1.10	1,000	\$ -	\$ -	(\$1.10)	(100.0)%	0.00%
Rate Riders	1,000	\$ -	\$ -	1,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	0.52%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1,039	\$ 0.0052	\$ 5.40	1,039	\$ 0.0052	\$ 5.40	\$0.00	0.0%	4.33%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,039	\$ 0.0042	\$ 4.36	1,039	\$ 0.0042	\$ 4.36	\$0.00	0.0%	3.50%
Sub-Total: Delivery			\$ 46.81			\$ 46.40	(\$0.41)	(0.9)%	37.18%
Wholesale Market Service Rate	1039	\$ 0.0052	\$ 5.40	1039	\$ 0.0052	\$ 5.40	\$0.00	0.0%	4.33%
Rural Rate Protection Charge	1039	\$ 0.0010	\$ 1.04	1039	\$ 0.0010	\$ 1.04	\$0.00	0.0%	0.83%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.20%
Sub-Total: Regulatory			\$ 6.69			\$ 6.69	\$0.00	0.0%	5.36%
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$ 7.00	1,000	\$ 0.0070	\$ 7.00	\$0.00	0.0%	5.61%
Total Bill before Taxes			\$ 118.15			\$ 117.74	(\$0.41)	(0.3)%	94.34%
GST	\$ 118.15	6.00%	\$ 7.09	\$ 117.74	6.00%	\$ 7.06	(\$0.02)	(0.3)%	5.66%

Instructions
 (Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Total Bill after Taxes	\$	125.24		\$	124.81	(\$0.43)	(0.3)%	100.00%
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Sentinel Lighting

Consumption	150	kWh	1	kW	Loss Factor 1.0387
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	156	\$ 0.0530	\$ 8.26	156	\$ 0.0530	\$ 8.26	\$0.00	0.0%	33.59%
Energy Second Tier (kWh)	0	\$ 0.0620	\$ -	0	\$ 0.0620	\$ -	\$0.00	0.0%	0.00%
Sub-Total: Energy			\$ 8.26			\$ 8.26	\$0.00	0.0%	33.59%
Monthly Service Charge	1	\$ 2.00	\$ 2.00	1	\$ 2.00	\$ 2.00	\$0.00	0.0%	8.14%
Distribution (kWh)	150	\$ -	\$ -	150	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	1	\$ 6.9645	\$ 6.96	1	\$ 6.9784	\$ 6.98	\$0.01	0.2%	28.39%
Regulatory Assets (kWh)	1	\$ 0.2547	\$ 0.25	1	\$ -	\$ -	(\$0.25)	(100.0)%	0.00%
Rate Riders	1	\$ -	\$ -	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	2.64%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1	\$ 1.6083	\$ 1.67	1	\$ 1.6083	\$ 1.67	\$0.00	0.0%	6.80%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	\$ 1.3163	\$ 1.37	1	\$ 1.3163	\$ 1.37	\$0.00	0.0%	5.56%
Sub-Total: Delivery			\$ 12.26			\$ 12.67	\$0.41	3.3%	51.53%
Wholesale Market Service Rate	156	\$ 0.0052	\$ 0.81	156	\$ 0.0052	\$ 0.81	\$0.00	0.0%	3.30%
Rural Rate Protection Charge	156	\$ 0.0010	\$ 0.16	156	\$ 0.0010	\$ 0.16	\$0.00	0.0%	0.63%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	1.02%
Sub-Total: Regulatory			\$ 1.22			\$ 1.22	\$0.00	0.0%	4.95%
Debt Retirement Charge (DRC)	150	\$ 0.0070	\$ 1.05	150	\$ 0.0070	\$ 1.05	\$0.00	0.0%	4.27%
Total Bill before Taxes			\$ 22.78			\$ 23.19	\$0.41	1.8%	94.34%
GST	\$ 22.78	6.00%	\$ 1.37	\$ 23.19	6.00%	\$ 1.39	\$0.02	1.8%	5.66%
Total Bill after Taxes			\$ 24.15			\$ 24.58	\$0.43	1.8%	100.00%

Street Lighting

Consumption	275,000	kWh	800	kW	Loss Factor 1.0387
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.15%
Energy Second Tier (kWh)	284,893	\$ 0.0620	\$ 17,663.34	284,893	\$ 0.0620	\$ 17,663.34	\$0.00	0.0%	64.82%
Sub-Total: Energy			\$ 17,703.09			\$ 17,703.09	\$0.00	0.0%	64.96%
Monthly Service Charge	1	\$ 0.44	\$ 0.44	1	\$ 0.44	\$ 0.44	\$0.00	0.0%	0.00%
Distribution (kWh)	275,000	\$ -	\$ -	275,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	800	\$ 2.3784	\$ 1,902.72	800	\$ 2.3832	\$ 1,906.56	\$3.84	0.2%	7.00%
Regulatory Assets (kWh)	800	\$ 0.3686	\$ 294.88	800	\$ -	\$ -	(\$294.88)	(100.0)%	0.00%
Rate Riders	800	\$ -	\$ -	800	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ 0.65	\$ 0.65	\$0.65	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	800	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	831	\$ 1.6002	\$ 1,329.70	831	\$ 1.6002	\$ 1,329.70	\$0.00	0.0%	4.88%
Retail Transmission Rate – Line and Transformation Connection Service Rate	831	\$ 1.2893	\$ 1,071.36	831	\$ 1.2893	\$ 1,071.36	\$0.00	0.0%	3.93%
Sub-Total: Delivery			\$ 4,599.10			\$ 4,308.71	(\$290.39)	(6.3)%	15.81%
Wholesale Market Service Rate	285643	\$ 0.0052	\$ 1,485.34	285643	\$ 0.0052	\$ 1,485.34	\$0.00	0.0%	5.45%
Rural Rate Protection Charge	285643	\$ 0.0010	\$ 285.64	285643	\$ 0.0010	\$ 285.64	\$0.00	0.0%	1.05%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
Sub-Total: Regulatory			\$ 1,771.23			\$ 1,771.23	\$0.00	0.0%	6.50%
Debt Retirement Charge (DRC)	275,000	\$ 0.0070	\$ 1,925.00	275,000	\$ 0.0070	\$ 1,925.00	\$0.00	0.0%	7.06%



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

North Bay Hydro Distribution Limited

EB-2007-XXXX, EB-2007-0561, EB-2005-0397

November 1, 2007

Sheet 12 - Annualized Bill Impact

Instructions

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Total Bill before Taxes			\$ 25,998.42		\$ 25,708.03	(\$290.39)	(1.1)%	94.34%
GST	\$ 25,998.42	6.00%	\$ 1,559.91	\$ 25,708.03	6.00%	\$ 1,542.48	(\$17.42)	(1.1)%
Total Bill after Taxes			\$ 27,558.32		\$ 27,250.51	(\$307.81)	(1.1)%	100.00%

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'I've never seen damage like this in 33 years on the job'
 - North Bay Hydro general manager

Storm ravages Northeast

Thousands still without power

By Nugget Staff

A series of possible tornadoes swept across Northeastern Ontario Monday, cutting a swath of destruction leaving up to 75,000 homes without power, closing roads and highways.

The violent storm struck at about 5:30 p.m. with the wind speed reaching up to 80 kilometres per hour before the wind died at Jack Garland Airport in North Bay snapped.

A pilot told The Nugget the wind was closer to 189 km/h as the storm peaked, bringing down trees, power lines, overturning airplanes and tearing the walls and roofs off homes and buildings from West Nipissing to Mattawa.

North Bay officials put the city's emergency plan in place setting up operations at North Bay Police Service headquarters.

"I've heard reports of a tornado, but didn't see anything here. My visibility was down to an eighth of a mile and I couldn't see past the ramp," said Mike Warren, station manager of the weather observing station at the airport.

The impact across the region was reminiscent of the August 2003 provincewide blackout.

Although no serious injuries were reported, damage in Callander led Mayor Bill Brazeau to declare a state of emergency after touring the municipality 12 kilometres south of North Bay. Mattawa also declared a state of emergency.

Mattawa resident Dan



Pedestrians skirt fallen wires on Premier Road following Monday's storm that left most of the city without power. The storm hit at about 5:30 p.m., downing trees and causing severe damage. PAUL CHIVERS, THE NUGGET

Levesque was driving on the highway with his wife and children. The rain and wind were so powerful, Levesque pulled over to seek refuge near a rock-cut. "I had never felt the wind so strong," he said. "My kids were screaming. They were literally terrified. It was pretty scary. Other people were pulled over too."

In North Bay, 20,000 homes were without power after the storm hit. By 11:30 p.m. power was restored to about 7,000 homes. Crews were working street by street locating downed lines and ones damaged by trees. "I've never seen damage like this in 33 years on the job," said Jim Snider, general manager of

North Bay Hydro. Snider said some city residents could be without power until this evening. The areas around the city also received extensive damage to hydro distribution infrastructure. About 55,000 homes were without power at 9 p.m., a spokeswoman for Hydro One said.

"The distribution system in the Northeast is extensively damaged. Homes could be without power for up to 72 hours," said Enza Cancilla. The damage runs from Kirkland Lake through Temiskaming Shores, as far south as Georgian Bay, she said. It was black across the city as night fell, with only a handful

of stories open, including the A&P on Lakeshore Drive. People were lined up for candles, flashlights and water, said Bernie Houle, assistant manager. "It's never been this busy on a Monday, not even before Christmas . . . it's been crazy since about 7:30 p.m.," he said. Please see STRONG/A3

WEATHER

Today High: 24 Low: 16
Wednesday High: 28 Low: 20

A10 for complete forecast

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nugget.ca

Approaching storm 'an amazing sight'

Callander declared state of emergency

BY BRANDI CRAMER
 The Nugget

CALLANDER — Sarah Caruso dove to the floor of a cottage of her family's resort, holding her 14-month-old son Tuesday when the worst storm of her life hit.

Her two daughters were in her home nearby.

"I knew my kids were in the house but I wasn't sure who was with them," said Caruso, 28, whose parents own Sunbeam Bungalows, about 12 kilometres south of North Bay.

"I was crying. It felt like I couldn't breathe."

Callander, a community of about 3,000, declared a state of emergency Monday night.

Mayor Bill Brazeau said the move was a safety precaution.



Several vehicles, cottages and townhouses at Sunbeam Bungalows on Main Street in Callander were damaged by fallen trees Monday after a storm hit the area. BRANDI CRAMER, THE NUGGET

"We have no idea of the potential ramifications that could or may still occur with an extended power outage," he said.

The community's sewer system was being powered by a backup generator and residents were being encouraged to avoid wandering outside where

downed trees and power lines may be a danger.

"This is why we have to be careful. This is what we can visibly see but what about the things we can't see?" Brazeau said. "A line could be down in the bush, on a cottage. Our task is to reduce the risk of danger as

much as possible."

Although the area was under a thunderstorm warning when the storm hit, many residents weren't prepared for what was to come.

Tom and Cilla Dunn, residents of Sunbeam's Townhouse No. 9, were sitting in their living room looking out over Lake Nipissing.

"We were watching it come across the water," said Tom Dunn.

Cilla Dunn said the storm moved across the lake like a squall.

"Being sailors we knew what we were looking at," she said. "It was a wall of wind and rain. You couldn't see through it. It was like a curtain of whitish-grey coming closer and closer in a straight line. It was an amazing sight."

As soon as the couple saw the trees on the property start to fall, they headed to their basement to take cover.

"Down there all we could here was boom, boom, boom, as

the trees were hitting the house," Tom Dunn said.

When the couple reemerged from their basement, their two vehicles parked in front of their home had been crushed by a large pine.

David Bain stood on the property — a resort since the 1930s — where hundreds of mature trees once stood tall.

"It's devastating," he said, as emergency services, neighbours, tourists, strangers and friends cut down toppled trees, trying to bring back some sense of normal.

"There has to be at least 50 trees that have fallen," he said. "We had a few hundred maybe more. We haven't got to counting yet."

Bain said it was a miracle no one was hurt.

"Branches were falling like leaves," Bain said. "You can't put a price on a person's life."

The island lighthouse overlooking Callander Bay toppled over during Monday's storm. Please see GUSTS/A2

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Damage forces area municipalities to seek financial aid from governments

PHOTOS: PAUL CHIVERS, THE NUGGET



▲ Gorman Street



▲ Copeland

▼ Sunset Park



▲ Sunset Park

▼ Brush Dump



▼ Seymour/Bypass

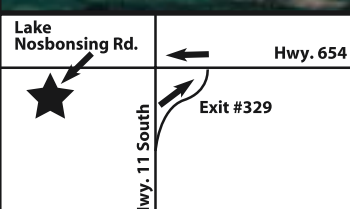


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Hydro crews thanked

Workers spent 20-hour days restoring power

BY JENNIFER HAMILTON-McCHARLES
The Nugget

Paul Ridley knew by looking at the sky and feeling the winds picking up that he should put his work clothes back on because it was going to be a long night.

He was right. After the fierce wind storm hit the area July 17 at about 5:30 p.m., Ridley was called into work.

In the first 30 hours, Ridley and several members of North Bay Hydro crews, had just two hours sleep.

They worked 20-hour days all week dealing with power outages and broken hydro poles.

Ridley was among the North Bay Hydro employees honoured Wednesday for their work following the storm that knocked out power to 90 per cent of the city.

At North Bay Hydro's main office, Mayor Vic Fedeli strapped on an apron and spent the lunch hour barbecuing hamburgers and sausages. City councillors and business leaders showed their appreciation and heard about the crews' hard work.

"It was bad. The ice storm (in 1998 in Eastern Ontario and Quebec) was bad because of the weight of the ice, but this was also bad because it was wind damage and total devastation," Ridley said.

'Bomb went off'

"Some areas looked like a bomb went off and in other yards it looked like hardly a leaf had blown off a tree."

He said crews were called in from holidays and were dispersed everywhere.

"People were so grateful and thankful and that appreciation made us forget about how tired we were, we were running on adrenaline."

Pat Hillis, a relief line supervisor, had to cut his way through downed trees to get into work from his Corbeil home.

"I got the call from Dan (Dixon, who was on duty), who is usually cool and calm, but when he said everything is on the ground that's when it really sunk in," Hillis said.

"I started to get worried when I was told only 10 per cent of the city was up and running and the majority of our substations were down. I started to have visions of North Bay being in another situation like the ice storm disaster."

Hillis said the fierce wind storm was the worst he's seen in 30 years at North Bay Hydro.



Mike Bell, a power line maintainer for North Bay Hydro, prepares his hotdog during a barbecue lunch for the utility's workers, Wednesday, on Commerce Crescent. Crews worked tirelessly to restore power to thousands of customers after the July 17 wind storm.
DENIS DUBOIS, THE NUGGET

"There was a lot of instant on-the-job training for our junior guys who haven't been through something like this before, but everyone from management to linesmen worked together." Gloria Sauve normally works in the

billing department, but started answering telephones to help field hundreds of calls daily.

"The phones were ringing constantly, we were inundated," she said, adding phones were staffed 24 hours a

day through the week and weekend.

"Most people who were calling had concerns about the food in their refrigerator, safety concerns or medical concerns. Most people have never been through this before."

LOCAL DIGEST

Inaugural festival in Cobalt this weekend

COBALT — Silver Town will rock this weekend.

The first Cobalt Rocks Festival features a variety of events at a myriad of venues, including the Les Costello Memorial Arena, Cobalt Golden Age Club, Classic Theatre and the train station.

A rock and mineral show opens at 9 a.m. at the arena Saturday and Sunday. Various vendors and exhibitors will be displaying fossils, gems, minerals, jewelry, books and art.

There will be demonstrations, iden-

tification of rocks and fossils, silent auction, a diamond drill core shack and kids activities.

Admission is \$5 per day for adults, \$3 for seniors and students and \$2 for children under 12. Passports are available and include admission to most events plus a barbecue meal.

Peter Russell, geologist and curator of the Earth Sciences Museum at the University of Waterloo, will speak and conduct fossil digs for children.

A Royal Ontario Museum display is scheduled with Malcolm Back, a mineralogist and X-ray technician at ROM's natural history department, presenting talks throughout the day.

A swapping area will be set up in the rear parking lot for people wishing to trade earthly treasures with other collectors.

The Northern Ontario Rock and Mineral Club will host an open house at its new resource centre in the basement of the Polymet Resources building.

The Northern Treasures GPS Challenge will be held Saturday with participants using global positioning system to find hidden caches.

Information can also be obtained by calling (705) 648-5043.

On the web: www.cobaltrocks.ca

Storm debris drop-off now in West Ferris

The city of North Bay has established another drop-off point for trees and brush that came down during the July 17 storm.

Branches and brush can be dropped on Marshall Avenue next to North Bay Fire Department Station No. 3 until Aug. 4.

With Heritage Festival weekend approaching and existing sites in sue, drop-off locations at the old Uniroc site near the waterfront and Circle Lake playground were to close Wednesday at 8 p.m.

Communities aim to secure relief dollars

BY BRANDI CRAMER
The Nugget

Area municipalities are working to secure provincial funds to deal with costs incurred after the July 17 wind storm.

Bonfield, West Nipissing, East Ferris and Callander are requesting disaster declarations from the Ministry of Municipal Affairs and Housing — the first step to access funding under the Ontario Disaster Relief Assistance Program.

The communities must submit their resolutions within two weeks of the storm.

"Many (communities) are just starting to focus their discussions," said David King, manager of the local ministry office.

The program is run differently for private and public sectors and "is not intended to replace insurance," King said.

Should the ministry declare an area a disaster, the municipal council will appoint a disaster relief committee, which will raise funds for victims.

The province will contribute up to \$2 for every local dollar raised for most costs.

In the case of damage to public property, damage payments would be made to the municipality.

'General estimates'

"Ultimately, municipalities will have to provide documentation to verify the costs incurred," King said. "At this stage we are looking for general estimates, particularly for public costs which may not be paid out for several months . . . assuming the minister declares the area a disaster."

Callander council's committee of the whole met Wednesday and will hold its regular council meeting tonight, where councillors will decide whether or not to file a resolution for assistance.

The municipality sustained damage to power lines and felled trees.

"Right now we are in cleanup mode. We have three crews including public works, Eagle Tree and Landscaping Service and a team from the Peel region," Mayor Bill Brazeau said.

West Nipissing will "definitely" put in an application for financial assistance, said Mayor Joanne Savage.

"From every angle and every department there has been added costs and we will be able to have better picture of those costs at council next Tuesday," she said.

Bonfield held a special meeting Wednesday to pass its resolution.

"We have had a lot of overtime and we had to hire contractors to come in and cleanup areas that were closed off, including main roads where people couldn't get out," said Mayor Narry McCarthy, adding she estimated the cost to the municipality to be in the area of \$15,000.

"It doesn't seem like much, but to us it is."

East Ferris Mayor Bill Vrebosch said his municipality is projecting an additional cost of anywhere between \$28,000 and \$38,000 to get things back to normal.

"In our case its extra overtime and extra crews of people. We didn't have structural damage," Vrebosch said, adding his council held a special meeting Wednesday and passed its own resolution.

North Bay council set out its resolution Monday

There is no set deadline to submit actual costs to the ministry.

"At this stage we would be taking estimates," King said.

On the web: www.mah.gov.on.ca

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Falling tree 'felt like a big boom'

Residents startled by violent storm

BY MARIA CALABRESE
and KEN PAGAN
The Nugget

Dodging branches in heavy winds wasn't what Corey Liberty had in mind for a bike ride Monday.

"I was biking down the street and it just started pouring and I just stopped," the 15-year-old said, still drenched at about 6 p.m. from the sudden downpour a half hour earlier that pelted him with bits of leaves and twigs on Judge Avenue.

He tried to take cover under a shelter at Amelia Park, he said, and raced toward a nearby coffee shop only to have one of the workers lock him out since it was closed for business without power.

The grateful teen, however, said a driver who had pulled off the road let the soggy cyclist wait out the worst of the storm in her truck.

Marlene Laforest and her husband were in the basement of their home at 284 Nova Beaucage Road when the wind blew trees onto the roof.

"It just felt like a big boom," she said, explaining the trees left three gaping holes in the roof of the two-storey home. "It got so dark . . . it was like midnight," Laforest said. "We couldn't see the lake, and we're about 50 feet from it."

Traffic crawled along main roadways in the city, with motorists mostly patient as they treated darkened intersections as four-way stops, and skirted around garbage bags and cans, pink insulation from a home under renovation, branches and other debris strewn on the roadways.

Jeff Jones donned orange fluorescent gear to direct traffic near his home on Memorial Drive, which was reduced to one lane by a large uprooted tree at a nearby home.

"I didn't know if there was a car under the tree. I just got busy with the traffic," Jones said, diverting cars to a stopgap detour and keeping pedestrians and vehicles moving.

When the worst of the deluge had passed, a calm fell on the waterfront where residents strolled with video-recorders and digital cameras to document the damage for themselves.

Strangers struck up conversations about damage in their neighbourhoods, and they kept each other company as they manned makeshift roadblocks, cordoning off areas that had downed power lines and trees.

On Norman Street, residents from the neighbourhood gathered to help Elmer Ypya clear the uprooted tree from his front yard, which was blocking traffic on the street.

Ypya had been looking out the back window during the storm, and did not realize the huge tree in his front yard had been uprooted until two kids from the neighbourhood knocked on his door.

"Who would have thought a big tree like that would come down?" Ypya asked.

By 8 p.m., several neighbours had helped clear the debris, with assistance from city public works crews.

Mattawa looks like 'warzone'

BY KEN PAGAN
The Nugget

MATTAWA — Mattawa Mayor Dean Backer declared a state of emergency Monday after a severe storm downed power lines and left a path of damaged houses and businesses throughout town.

"Homes and businesses have received severe damage," OPP said in a news release late Monday. "Power lines are down throughout the community. The Emergency Operation Control Group is working with the Community Emergency Plan."

Mattawa resident Dan Levesque was picking blueberries near the Mattawa Golf Course Monday afternoon with his wife and two children. He said he could hear the storm approach and gathered his family into the vehicle.



A sport utility vehicle drags a cedar tree blocking Madelina Crescent after Monday's storm.

PAUL CHIVERS, THE NUGGET



Residents on Norman Avenue help Elmer Ypya clear the debris after a huge tree came down in his front yard during a violent storm that hit North Bay early Monday evening.

KEN PAGAN, THE NUGGET

"Things will be OK," Ypya said. "Nobody got hurt. That's the main thing."

Gord Fiss, who helped Ypya clear the debris, had been barbecuing in the backyard when he saw the sky darken in less than three minutes. Before Fiss knew it, the rain was pouring down, and he got drenched making a three-metre run to his patio.

Winds tore the cement stairs off one

home and dumped them in a ditch metres away, while countless downed trees caused a range of damage to homes.

"I watched it. I heard it too: Crash, bang, down. That's it," said Ivan Guillemette, manning a roadblock at Whitney and MacDonald avenues with his neighbour, Barry Bamford.

Jess Clinch was disappointed to see

flowerbeds ripped apart just days before the city is hosting national Communities in Bloom judges.

"They just have to do the best they can; act of God," said Clinch, co-ordinator for the city's bid to compete in the 50,000 plus category.

"I don't see us having too much trouble," she said, of cleaning up before their visit Friday.



Fallen trees lean on a house at 481 McConnell Rd. in Mattawa after Monday's violent storm.

DAN LEVESQUE, SPECIAL TO THE NUGGET

Levesque said eight trees in his yard were uprooted. A backyard gazebo, which was anchored to the ground with rebar, was "yanked out like a tornado

hit it," he said.

"There are some pretty nice yards all around town, with trees pulled right up."

Strong wind knocked over cargo trailers

CONTINUED FROM A1

The North Bay Nugget struggled to get the newspaper out, running computers from gasoline and diesel generators outside the building, transporting pages to a central Ontario printer. The newsroom was a maze of wires, power bars and table lamps.

"It was hot. We were tired and still working in the morning hours," said managing editor John Size.

On Main Street, a man had a table on the sidewalk selling flashlights to passersby.

People sat on their front lawns and exchanged stories of the storm and assessed the damage on each others' property.

Just east of North Bay at 5:35 p.m., the driving rain forced dozens of cars, trucks and motorcycles to pull over on Highway 17 as gusting winds from the southeast hit vehicles broadside.

With lightning flashing on the western horizon, sheets of rain reduced visibility to less than a few metres.

While some drivers pushed through, most stopped when they saw several cargo trailers upside down in the ditch beside the highway after being flipped off the parking lot at DRD Distributing.

A motorcyclist stopped on the side of the highway near the western juncture of Centennial Crescent and stood with his back to the wind as rain poured around him.

Just 30 days ago, a tornado hit the South Shore area of Lake Nipissing June 16, Environment Canada confirmed.

On Norman Street in North Bay, neighbours helped Elmer Ypya clear the uprooted tree from his front yard, which blocked traffic on the street.

Ypya had been looking out the back window during the storm, and did not realize the 35-year-old tree in his front yard had been uprooted until two kids from the neighbourhood knocked on his door.

Gaetan and Dana Gauthier were leaving work at RL Equipment Ltd in Verner, 60 kilometres east of the city, when the sky went black and the wind blew the front of their car around.

A moment later, the roof of the building slammed onto the top of their car and another vehicle.

"We didn't see it coming," Dana Gauthier said. "It was just bang."

They crouched low in the vehicle, until the worst of it had passed.

In West Nipissing, as of 9 p.m. 90 per cent of streets, roads and highways were clear and passable, police said.



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COMMUNITY updates

Municipality of Callander

■ As of Wednesday afternoon Hydro One indicated a 24-hour time frame for power restoration in rural areas. Hydro One advised residents without power to call 1-800-434-1235.

■ Bottled water and non-potable water is available at the Main Street Fire Hall from 8 a.m. to 10 p.m. during the power outage.

■ East Ferris Township has made the Astorville Arena available to residents without power for shower facilities.

■ Callander residents without water may shower at the YMCA on 186 Chippewa St. North Bay free of charge; please bring a towel, toiletries and proof of residency.

■ For general inquiries, contact the municipal office at 752-1410.

Township of East Ferris

■ More than 80 per cent of the township now has hydro service but it is expected it will be another day or two for full service to be restored. Areas without power include: Guillemette Road and all connecting roads; Waukegan Road; south end of Corbeil Road; east end of Big Moose Road and all connecting roads; east end of South Shore Road; One Mile Road; Woodcliffe Road and Martyn Lane.

■ Drinking water and shower facilities are available at the Astorville Arena between 8:30 a.m. and 4:30 p.m. and from 6 to 9 p.m. Bring a water containers, towels and soap.

■ Anyone without power can contact Hydro One at 1-800-434-1235. Anyone without phone service should find someone who has service and call Bell Canada at 310-2355.

■ The landfill site is open Saturday from 8 a.m. to 6 p.m. Household garbage, including spoiled food, trees and branches will be accepted. No topping fee will be charged.

Municipality of Powassan

■ Oshell's Valumart is operational with debit and credit machines. Most other businesses in the community are open.

Town of Mattawa

■ Officials have been advised power may be restored to some areas by tonight.

■ Royal Canadian Legion offers daily breakfasts and suppers for residents.

■ Some gasoline stations are open.

■ There will be a special garbage pickup for residents in the south part of the town today. Brush and wood will be accepted at the rear of Mike Rodden Memorial Arena.

Municipality of French River

■ The emergency operations centre is working to establish communications with all remote areas and assess the needs of those residents. Water remains available at both information centres for those in need.

■ Hydro One and Bell Canada crews are in the area to restore downed lines. Keep away from electrical lines and hanging wires. Hydro and Bell have indicated to report to them homes that don't have services.

■ Information centres are operating 24 hours a day at the fire halls in Alban and Noelville. Call Alban at 857-3282 and Noelville at 898-2811.

■ The 100th anniversary celebrations scheduled for Saturday have been postponed until further notice.

Municipality of West Nipissing

■ Bottled water is available at all fire stations between 8 a.m. to 9 p.m. for the rural areas. Tap water is also available at the Tourism Centre, Sturgeon Falls Recreation Complex and the Sturgeon Falls Fire Station

■ Shower facilities are available at the Sturgeon Falls Recreation Complex and Verner Arena from 6:30 a.m. to 9 p.m.

■ In the rural areas, power may not be available for another three or four days

■ Anyone who requires a generator can call West Nipissing police at 753-1234.

■ For any other information, please call 753-2250 from 8:30 a.m. to 4:30 p.m.

1,000 customers still without power

No timeline for full restoration – general manager

BY GORD YOUNG
The Nugget

Utility crews continued work Thursday to restore power to thousands of area homes and businesses still in the dark after Monday's vicious wind storm.

North Bay Hydro general manager Jim Snider said fewer than 1,000 customers in the city remained without electricity, with crews working around the clock.

He said power was restored Wednesday and Thursday to some cus-

tomers in the Pinewood area and rural sections of the city including Peninsula, Northshore, Kennedy and Four Mile Lake roads. And Snider said more customers in those areas are expected to be brought back on line today as work continues. He said crews are also working on repairs in the downtown to get a handful of businesses still without power up and running.

But Snider couldn't pinpoint when the city's electricity would be fully restored, noting some small pockets of customers in the city may still be without power after today. He said the utility is expecting to continue dealing with customers into next week, particularly those whose power lines are separated from their homes.

Snider reiterated that it's a homeowner's responsibility to hire an electrician if repairs are needed to reconnect

a power line to his or her house. And he said operators at the utility's Commerce Court headquarters are manning the phones in an effort to provide the latest information to customers still waiting for electricity to return.

Myles D'Arcey, Hydro One's senior vice-president of customer operations, was in the North Bay area Thursday assessing some of the damage.

He said a small army of utility crews are working to restore power to some 10,000 customers in the district without electricity.

"Restoration will continue into the weekend," said D'Arcey, noting crews are dealing with extensive damage caused by thousands of felled trees.

He said workers have been forced to cut their way through downed trees in some areas just to reach transformers and power lines in need of repair.

D'Arcey said a total of about 450 workers are in the district with some 200 foresters and linemen stationed in the immediate area. He said power is expected to be restored to core areas over the next two or three days, although some more isolated cottage locations may take even longer.

He said Hydro One customers are also responsible for hiring electricians to reconnect power lines to their houses.

D'Arcey advised the public to stay clear of downed power lines and fallen trees. He said power had been restored as of Thursday to about 150,000 of Hydro One's 170,000 customers in Ontario affected by Monday's storm. And he estimated the complete restoration could cost as much as \$20 million for man power and materials including thousands of new hydro poles and spools of wire.



City workers chip branches on Silver Lady Lane, Thursday. Crews have been busy cleaning up the city since Monday's fierce wind storm ripped through the region.
PAUL CHIVERS, THE NUGGET

Officials delay opening of Samuel de Champlain park

Crews focused first on restoring power in Mattawa

BY JENNIFER HAMILTON-McCHARLES
The Nugget

Cleanup efforts continue in area provincial parks and one popular Mattawa tourist destination will remain closed at least through the weekend.

Samuel de Champlain Provincial Park sustained extensive damage and was expected to open today, but officials have postponed the reopening.

Anne-Marie Flanagan, media secretary to Natural Resources Minister David Ramsay, said the park will take a little longer to clean than expected.

"There are more than 250 trees down, seven hydro poles and the Town of Mattawa is still under a state of emergency," she said.

"Hydro will be addressing the needs of Mattawa residents first and then after that, they will come to the park. It's a huge task."

Staff continues to clear downed trees and other debris and crews have been brought in to assist with the cleanup at the campground.

Although Flanagan hasn't visited the park since Monday's storm that left thousands in the dark and caused extensive damage to homes and vehicles, she said cleanup crews have characterized the damage as "fairly extensive."

The storm occurred two weeks before Mattawa hosts its largest festival of the year — Mattawa Voyageur Days.

The provincial park is normally booked solid during the annual event that attracts thousands of visitors.

Ontario Parks has contacted all campers who had reservations and alternative arrangements have been made at different provincial parks.

Mikisew, Killarney and Restoule provincial parks and parts of Algonquin park are open to visitors, but have no electricity or telephone service.

The lack of electricity will affect some services such as showers.

Some parks, such as Marten River, are reporting minimal damage.

About 50 campers were onsite during the storm and employees said nobody was injured and only one tree blew down.

The storm, which caused a 300-kilometre swath of damage from Manitoulin Island to Mattawa killed one person.

Jeff Grey, 26, of Michigan died after a tree fell on his tent. He was camping more than 10 kilometres south of Kiosk in Algonquin Park.

Aaron Lebovick, 19, who was also in the tent, suffered serious injuries and was airlifted to North Bay and District Hospital. He was later transferred to St. Michael's Hospital in Toronto.

Local parks closed

Meanwhile, some North Bay-Mattawa Conservation Authority parks are closed.

"Trees have partially fallen or are blocking trails in many of the NBMCA's conservation areas," said Brian Tayler, general manager of the North Bay-Mattawa Conservation Authority.

"The dangling branches are a clear hazard and as such, the affected conservation areas will be temporarily closed until our field crew has had a chance to clean things up."

Conservation areas in the region affected by the temporary closures include the Eau Claire Gorge, Corbeil Conservation Area, and Eva Wardlaw Park (Parks Creek). An assessment of the Laurier Woods is underway.

Several conservation areas including the Kate Pace Way from Gibson Road to Callander and the Kinsmen Trail in North Bay are open.

Trail users are advised to be careful because some areas may be cluttered with debris like leaves and twigs.

By phone: Natural Resources Information Centre 1-800-667-1940

On the web: www.ontarioparks.com

STORM REPORT

Thieves snatch generator during outage

MATTAWA — Ontario Provincial Police are investigating the theft of a Briggs and Stratton generator from a Pine Street home overnight Tuesday.

Police are asking for the public's help to find the culprit, who struck as the community is trying to recover from a devastating storm Monday.

Anyone with information is asked to call Const. Mark Desrochers of the Mattawa OPP at 1-888-310-1122 or Near North Crime Stoppers at 1-800-222-8477.

Little federal relief – MP spokesman

Anthony Rota's office on Main Street has been without power, but staff have been checking messages and returning calls.

A spokesman for his office said Thursday that Rota, who is in Taiwan, has been in contact with area mayors and is aware of the situation.

His staff has been directed to look into how the federal government may be able to assist. But the spokesman said there's little that can be done at the federal level unless a request for aid is made by the province.

Nipissing MPP Monique Smith was in the Mattawa and Bonfield areas Thursday, meeting with mayors and delivering a truckload of water donated by Wal-Mart in North Bay.

Smith said arrangements have been made at city hall to provide emergency funding to people who receive disability support payments. And she said the Canadian Red Cross is expected in some of the riding's unorganized townships to provide aid such as bottled water.

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'We're still discovering areas of new damage' - Hydro One



Jason Gendron, above, from a Paul Davis Restorations crew, clears a fallen tree from a Main Street West home, Tuesday. Below, a man surveys storm damage on Anita Avenue. Scores of trees and power lines were knocked down during Monday evening's storm.

PHOTOS BY PAUL CHIVERS, THE NUGGET

Thousands of homes await power

Crews working around the clock

BY JENNIFER HAMILTON-McCHARLES
The Nugget

Several thousand North Bay residents could be without electricity for at least another day, officials were told at the emergency operations control group meeting Tuesday morning at the North Bay Police Services headquarters.

An estimated 25 to 30 utility poles remain down and broken, while more than 3,000 homes remain in the dark.

Jim Snider, general manager North Bay Hydro, said as of Tuesday afternoon 20,000 of the utility's 23,000 customers had power.

"We hope to have 98 per cent of the power back on at least by tomorrow (Wednesday) night," he said, adding crews are patrolling every street and picking one block at a time.

"However, rural areas, like Anita Avenue and Silver Lady Lane, will take some time to get power back on."

Utility crews from Orillia and Bracebridge arrived in the city Tuesday afternoon and contractor crews were still helping with cleanup and restoration.

Throughout the surrounding areas the power outage is expected to continue at least until Thursday evening.

Hydro One's first damage assessments indicate restoration in the worst hit areas like Rutherglen, Mattawa, Bonfield and Springer Township could take an additional 24 to 72 hours.

More than 24 hours after the storm hit 8,000 homes throughout the surrounding areas are still without power.

"We're still discovering areas of new damage," said Daffyd Roderick, spokesman for Hydro One.

"We have crews around the clock, at



the same time we have help from 14 other utilities across the province.

"We received the warnings, but the storm just brought an incredible amount of damage that lashed out in different areas of the province. We understand this is an incredible inconvenience to have no electricity and we're doing everything we can."

States of emergency were declared in Callander, Bonfield, West Nipissing and Mattawa.

Bell Canada is also working around the clock to restore service.

In a media release, Mohammed Nakhouda, associate director for Bell Canada's media relations department, said generators are being deployed

from other areas across the province.

He said that outgoing calls are limited and power must be restored first.

Mayor Vic Fedeli said the situation in North Bay wasn't bad enough to be declared a state of emergency.

After touring the city, Fedeli said he noticed that "some beautiful streets don't look like even a breeze swept through and then there are others like Lakeshore Drive.

"It looks like a tornado went through that area," he said, adding the cleanup process will take days.

"It's a constant reminder how fragile the Earth is and that Mother Nature still rules."

Fedeli said North Bay residents can

discard brush or logs at the former Uniroc site on Memorial Drive or at Circle Lake Playground on Lake Heights Road.

He said the city will also offer curbside pickup starting today. There is no change to garbage and blue box pickup.

Water conservation is being encouraged as the city tries to rebuild its reserves.

Hospital officials are asking relatives of the elderly to stay with them until power has been restored.

Fire officials encourage residents to use flashlights while the power outage remains in effect, although if candles have to be used to exercise extreme caution.

Fire causes \$40,000 damage to Wyld Street apartment

An unattended stovetop caused \$40,000 in damage to a basement apartment at 583 Wyld St.

The North Bay resident was cooking sausages Monday evening when the storm hit and the power went out.

The 40-year-old man left to stay at a friend's house for the night and when he returned to his home Tuesday after 3 p.m., he found firefighters extinguishing flames.

Randy Vezina, acting chief fire pre-

vention officer, said when firefighters arrived on scene the kitchen was fully involved.

"The smoke was visible at the rear and firefighters had to kick in the door to gain entry," he said.

Trees fall in cemetery, gravestones damaged

CONTINUED FROM A1

Power was restored to Sturgeon Falls and the Cache Bay area Tuesday evening, but outlying areas serviced by Hydro One could be without power for up to three days, making well water in unserviced areas inaccessible.

The committee was preparing to use the Sturgeon Falls Recreation Complex this morning as a shelter and shower station for residents until their power is restored. Drinking water is available at the town hall, all fire halls, tourism centre and from any resident on the distribution system.

"The system is working fine. If you are not on the system and need water contact a friend that has it or come to the municipality or certainly any fire station will supply it," Barbeau said.

As well, the District of Nipissing Social Services Administration Board will make food vouchers available.

Structural damage could be seen throughout West Nipissing including Cache Bay's Cemetery.

Large trees toppled over, tearing large root systems out of the ground and disrupting gravestones.

"Someone said the cemetery had damage, but we didn't figure all the trees would be down," said Tanguette Legault, a Sturgeon Falls resident who walked through the property with



Roger Poitras and his wife, Diane, stand beside their 50-metre barn, Tuesday, on their farm on Highway 17, west of Sturgeon Falls. The barn was destroyed in Monday's storm.

BRANDI CRAMER, THE NUGGET

Cache Bay resident Heather Cousineau, as they made sure family gravestones were upright.

But throughout the devastation, residents have kept their heads up and the same saying has been heard over and

over — "at least no one was hurt."

Clement Rainville, a dairy farmer and one of Poitras's neighbours, was at home when the storm hit. The top of his silo was torn off, leaving a crack in the base which makes it unsafe.

"The top blew off and landed on my barn," he said, adding it could have been worse if the structure had folded over, killing his cows.

His wife, Diane, and their four children, were across the highway in the bush, celebrating her birthday.

"When the rain settled the first thing I did was I went looking for my family," he said.

Rainville had to use his loader to access the woods to get to his family because the roadway had been blocked by fallen trees.

"When I found them, they were all fine," he said. "After that I took care of my home. That is replaceable. My family isn't."

Neighbour Normand Delorme, a cash crop farmer, also lost his 18-metre silo and a portion of his barn.

"My silo might be 15-feet high now," he said.

Each of the Highway 17 farmers interviewed had been visited by a broker and now await an insurance adjuster.

"They have so much damage to look at throughout the area that they have to prioritize," Delorme said.

"In this area alone, I've been told that there are as many as eight silos damaged."

Although there have been reports of tornado sightings, these farmers are

Health unit warns of spoiled food

The North Bay Parry Sound District Health Unit warns residents without power to be careful about the food in their refrigerators and freezers.

Without power, a full, upright or chest freezer will keep everything frozen for about two days. A half-full freezer will keep food frozen for one day.

A refrigerator will keep food cool for four to six hours without power.

People are advised to keep the freezer or refrigerator door shut as much as possible. People should not taste food to check for spoilage — food that is spoiled does not necessarily taste bad.

Public health staff are available to answer questions at 474-1400 or 1-800-563-2808.

On the web: www.nbdhu.on.ca, www.health.gov.on.ca/english/public/pub/foodsafepowerout_mn.html

FOOD TIPS

Frozen foods

■ Squeeze packaged food — if you can feel or hear the crunching of ice crystals, the food is only partially thawed and can be refrozen.

■ Discard any thawed food that has risen to room temperature and remained there for two hours or more.

■ Throw out high protein foods such as cream sauces, seafood, meat and custards if they have thawed.

■ Throw out any foods (including other meats) that have come in contact with raw meat juices. Meat and meat juices are very susceptible to spoilage and support the growth of disease-causing organisms due to their high protein content.

Baby formula

■ Use ready-to-feed formula if possible.

■ If you are mixing formula and are unable to boil water, use bottled water.

■ Discard any mixed formula if the power has been off for four hours or more; do not re-use partial bottles of formula.

Disposal of spoiled food

■ Discard spoiled food in leak-proof containers. Place the containers in a cool place out of reach of dogs, cats and other animals.

■ Wash hands with soap and water before and after handling and preparing food. If no hot water is available, wash your hands with soap and cold water for two minutes or use a hand sanitizer.

■ Clean surfaces with a mixture of one teaspoon (5 mL) of bleach and three cups (750 mL) of water.

Keeping cool

■ Avoid being in the sun between 11 a.m. and 4 p.m.; stay in the shade where possible.

■ Use a recommended sunscreen with a sun protection factor of 15 or higher.

■ Drink lots of water, even if you don't feel thirsty. Eat smaller meals, more often.

■ Be especially careful with young children and pets; keep them out of the sun and give lots of drinks.

leaning more toward a strong wind storm.

And if Environment Canada agrees, most damage, depending on individual policies, will be covered by insurance companies.

"If a tree falls and damages property it's covered," said Marc Baril, vice-president of marketing and sales with Blue Sky Financial Group which has offices in North Bay, Sturgeon Falls, Mattawa and New Liskeard.

"It would be covered under most policies and there is a section for wind damage."

Baril's office had been fielding phone calls from clients since 8 a.m. Tuesday morning.

"I have been in this business for 19 years and I have never seen it like this," he said.

"North Bay has had a fair amount of calls. All the surrounding areas have. I don't know of any area that has gone untouched in our servicing area."

But Rainville said deeming the storm a tornado could prove to be financially harmful.

"If declared a tornado there is no insurance because it is considered an 'Act of God,'" he said.

For more information on where to get help contact the West Nipissing municipal office at 753-2250.