

#### **NEWFOUNDLAND AND LABRADOR HYDRO**

Head Office: St. John's, Newfoundland P.O. Box 12400 A1B 4K7 Telephone (709) 737-1400 • Fax (709) 737-1231 • Website: www.nlh.nf.ca

**BY HAND** 

December 14, 2006

Board of Commissioners of Public Utilities Prince Charles Building 120 Torbay Road St. John's, Newfoundland & Labrador A1A 5B2

Attention: Ms. G. Cheryl Blundon,

**Director of Corporate Services & Board Secretary** 

Dear Ms. Blundon:

Re: November 23, 2006 Agreement on Labrador Interconnected Rates

Please find enclosed the original and ten copies of:

- An Application in which Hydro seeks approval of revisions to the Rates Stabilization Plan rules regarding the Rural Labrador Interconnected Automatic Rate Adjustments;
- Schedule A Rate Stabilization Plan rules:
- Schedule B Labrador Interconnected Rates Schedules 2008 2011; and
- Schedule C Labrador Interconnected Rate Impacts 2008 2011.

The Application and schedules are filed pursuant to the November 23, 2006 Agreement on Labrador Interconnected Rates, wherein it was agreed that on or before December 15, 2006, Hydro would file with the Board the rate plan for the years 2008 to 2011 for the Labrador Interconnected Rural customers so that in years 2008 through 2011, inclusive, rate changes will be phased in so that by 2011:

- (a) Rates will be based on the 2007 Test Year revenue requirement;
- (b) Uniform rates will be charged to all Rural customers on the Labrador Interconnected system; and



(c) The CFB Goose Bay revenue credit will be fully applied to reduce the Rural Deficit.

Yours truly,

NEWFOUNDLAND AND LABRADOR HYDRO

Geoffrey P. Young

Legal Counsel

Encl.

cc: Peter Alteen - Newfoundland Power Inc.
Joseph Hutchings, Q.C. - Poole Althouse
Paul Coxworthy - Stewart McKelvey Stirling Scales
Tom Johnson - O'Dea Earle Law Offices

IN THE MATTER OF the Public Utilities Act, R.S.N. 1990, Chapter P-47 (the "Act"), and

IN THE MATTER OF an Application (the "Application") by Newfoundland and Labrador Hydro for approvals of, under Section 70 of the Act, changes in the rates to be charged for the supply of power and energy to Newfoundland Power, Rural Customers and Industrial Customers; and under Section 71 of the Act, changes in the Rules and Regulations applicable to the supply of electricity to Rural Customers.

TO: The Board of Commissioners of Public Utilities (the "Board")

### THE APPLICATION of Newfoundland and Labrador Hydro (the "Applicant") states that:

- Newfoundland and Labrador Hydro ("Hydro") is a corporation continued and existing under the *Hydro Corporation Act*, is a public utility within the meaning of the Act and is subject to the provisions of the *Electrical Power* Control Act, 1994.
- Since August 3, 2006 a number of issues have been resolved by the terms of four non-severable agreements between Hydro and the registered Intervenors, including the November 23, 2006 Agreement on Labrador Interconnected Rates.

The aforesaid agreements have been filed with the Board.

Pursuant to the November 23, 2006 Agreement on Labrador
 Interconnected Rates, Hydro has prepared Revised Rate Stabilization
 Plan Rules and Schedules to phase-in, from 2008 –2011, Labrador
 Interconnected Rural rate changes.

- 4. The Applicant makes Application that the Board approve and make a final order:
  - a) that the rates for Labrador Interconnected Customers for the years, 2008 through to 2011, continue as outlined in the Labrador Interconnected Rates Schedules filed with this Application; and
  - b) that the Rate Stabilization Plan rules pertaining to the Rural Rate Alteration Rural Labrador Interconnected Automatic Rate Adjustment be modified to accommodate the change in treatment of the CFB Goose Bay Credit for 2008-2011, as set out in Schedule A attached to this Application.

**DATED AT** St. John's in the Province of Newfoundland and Labrador this 14<sup>th</sup> day of December 2006.

#### **NEWFOUNDLAND AND LABRADOR HYDRO**

Geoffrey P. Young

Counsel for

Newfoundland and Labrador Hydro P.O. Box 12400 Columbus Drive

St. John's, Newfoundland and Labrador

A1B 4K7

Telephone: (7

(709) 737-1277

Facsimile:

(709) 737-1782

IN THE MATTER OF the Public Utilities Act, R.S.N. 1990, Chapter P-47 (the "Act"), and

IN THE MATTER OF an Application (the "Application") by Newfoundland and Labrador Hydro for approvals of, under Section 70 of the Act, changes in the rates to be charged for the supply of power and energy to Newfoundland Power, Rural Customers and Industrial Customers; and under Section 71 of the Act, changes in the Rules and Regulations applicable to the supply of electricity to Rural Customers.

TO: The Board of Commissioners of Public Utilities

#### **AFFIDAVIT**

I, James R. Haynes, Professional Engineer, of St. John's, in the Province of Newfoundland and Labrador, make oath and swear as follows:

- 1. THAT I am employed by Newfoundland and Labrador Hydro, the Applicant herein, in the capacity of Vice-President, Regulated Operations, and as such I have knowledge of the matters and things to which I have herein deposed, and make this affidavit in support of the Application.
- 2. THAT I have read the contents of the Application and they are correct and true to the best of my knowledge, information and belief.

SWORN TO BEFORE ME in the City of St. John's, in the Province of Newfoundland and Labrador, this 14<sup>th</sup> day of December 2006.

James R. Haynes

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN

The Rate Stabilization Plan of Newfoundland and Labrador Hydro (Hydro) is established for Hydro's Utility customer, Newfoundland Power, and Island Industrial customers to smooth rate impacts for variations between actual results and Test Year Cost of Service estimates for:

- hydraulic production;
- No. 6 fuel cost used at Hydro's Holyrood generating station;
- customer load (Utility and Island Industrial); and
- rural rates.

The formulae used to calculate the Plan's activity are outlined below. Positive values denote amounts owing from customers to Hydro whereas negative values denote amounts owing from Hydro to customers.

References to approved Test Year weighted average cost of capital mean the weighted average cost of capital in Hydro's Test Year Cost of Service study, or as adjusted by the Automatic Adjustment Mechanism.

#### **Section A: Hydraulic Production Variation**

#### 1. Activity:

Actual monthly production is compared with the Test Year Cost of Service Study in accordance with the following formula:

$$\{(A-B) \div C\} \times D$$

Where:

A = Test Year Cost of Service Net Hydraulic Production (kWh)

B = Actual Net Hydraulic Production (kWh)

C = Test Year Cost of Service Holyrood Net Conversion Factor (kWh/bbl.)

D = Monthly Test Year Cost of Service No. 6 Fuel Cost (\$Can /bbl.)

#### 2. Financing:

Each month, financing charges, using Hydro's approved Test Year weighted average cost of capital, will be calculated on the balance.

#### 3. Hydraulic Variation Customer Assignment:1

Customer assignment of hydraulic variations will be performed annually as follows:

$$(E \times 25\%) + F$$

Where:

E = Hydraulic Variation Account Balance as of December 31, excluding financing charges

F = Financing charges accumulated to December 31

\_

<sup>&</sup>lt;sup>1</sup> Subject to Section F

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN (Continued)

The total amount of the Hydraulic Customer Assignment shall be removed from the Hydraulic Variation Account

#### 4. Customer Allocation:

The annual customer assignment will be allocated among the Island Interconnected customer groups of (1) Newfoundland Power; (2) Island Industrial Firm; and (3) Rural Island Interconnected. The allocation will be based on percentages derived from 12 months-to-date kWh for: Utility Firm and Firmed-Up Secondary invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The portion of the hydraulic customer assignment which is initially allocated to Rural Island Interconnected will be re-allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the approved Test Year Cost of Service Study.

The Newfoundland Power and Island Industrial customer allocations shall be included with the Newfoundland Power and Island Industrial RSP balances respectively as of December 31 each year. <sup>2</sup> The Labrador Interconnected Hydraulic customer allocation shall be written off to Hydro's net income (loss).

#### Section B: Fuel Cost Variation, Load Variation and Rural Rate Alteration

#### 1. Activity

#### 1.1 Fuel Cost Variations

This is based on the consumption of No. 6 Fuel at the Holyrood Generating Station:

$$(G-D) \times H$$

Where:

D = Monthly Test Year Cost of Service No. 6 Fuel Cost (\$Can /bbl.)

G = Monthly Actual Average No. 6 Fuel Cost (\$Can /bbl.)

H = Monthly Actual Quantity of No. 6 Fuel consumed less No. 6 fuel consumed for non-firm sales (bbl.)

#### 1.2 Load Variations

**Firm:** Firm load variation is comprised of fuel and revenue components. The load variation is determined by calculating the difference between actual monthly sales and the Test Year Cost of service Study sales, and the resulting variance in No. 6 fuel costs and sales revenues. It is calculated separately for Newfoundland Power firm sales and Industrial firm sales, in accordance with the following formula:

$$(I-J) \times \{(D \div C) - K\}$$

Where:

<sup>&</sup>lt;sup>2</sup> Subject to Section F.

#### NEWFOUNDLAND AND LABRADOR HYDRO

#### **RATE STABILIZATION PLAN (Continued)**

C = Test Year Cost of Service Holyrood Net Conversion Factor (kWh/bbl.)

D = Monthly Test Year Cost of Service No. 6 Fuel Cost (\$Can /bbl.)

I = Actual Sales, by customer class (kWh)

J = Test Year Cost of Service Sales, by customer class (kWh)

K = Firm energy rate, by customer class

**Secondary:** Secondary load variation is based on the revenue variation for Utility Firmed-Up Secondary energy sales compared with the Test Year Cost of Service Study, in accordance with the following formula:

$$(J-I) \times L$$

Where:

I = Actual Sales (kWh)

J = Test Year Cost of Service Sales (kWh)

L = Secondary Energy Firming Up Charge

#### 1.3 Rural Rate Alteration<sup>3</sup>

(a) Newfoundland Power Rate Change Impacts:

This component is calculated for Hydro's rural customers whose rates are directly or indirectly impacted by Newfoundland Power's rate changes, with the following formula:

$$(M - N) \times O$$

Where:

M = Cost of Service rate <sup>4</sup>

N = Existing rate

O = Actual Units (kWh, bills, billing demand)

(b) Rural Labrador Interconnected Automatic Rate Adjustments:

This component reflects the impact of the automatic rate adjustments for Hydro's rural customers on the Labrador Interconnected system, which arise from the phase-in of the application of the credit from secondary energy sales to CFB Goose Bay to the rural deficit

Monthly adjustments will be subject to revision when a new Test Year Cost of Service is approved by the Public Utilities Board for Hydro. The amount of the automatic rate adjustment is calculated as follows:

$$P = (O - R) \div 12$$

Where:

P = the monthly amount of the automatic rate adjustment

<sup>&</sup>lt;sup>3</sup> Revised wording to reflect the intent of the December 6<sup>th</sup>, 2006 Government directive will be filed with the Board in December 2006.

<sup>&</sup>lt;sup>4</sup> Hydro's schedule of rates for its rural customers impacted by Newfoundland Power's rate changes as a result of the pass-through of Hydro's rate changes associated with the Test Year Cost of Service Study. For the purpose of this section, Test Year Cost of Service Study refers to a Test Year or a Test Year adjusted by the Automatic Adjustment Mechanism.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN (Continued)

Q = the CFB Revenue Credit applied to the rural deficit in Hydro's Final 2007 Test Year Cost of Service

R = the CFB Revenue Credit applied to the rural deficit from 2007 to 2011, included in existing rates and outlined in the table below:

	Q	R	Q – R	P
2007	\$ 3,380,796	\$ 2,270,081	\$ 1,110,715	\$ 92,560
2008	\$ 3,380,796	\$2,991,599	389,197	32,433
2009	\$ 3,380,796	\$3,449,983	(69,187)	(5,766)
2010	\$ 3,380,796	\$3,954,957	(574,161)	(47,847)
2011 <sup>5</sup>	\$ 3,380,796	\$4,560,334	(1,179,538)	(98,295)

#### 2. Monthly Customer Allocation: Load and Fuel Activity

Each month, the load variation will be assigned to the customer class for which the load variation occurred.

Each month, the year-to-date total for fuel price variation will be allocated among the Island Interconnected customer groups of (1) Newfoundland Power; (2) Island Industrial Firm; and (3) Rural Island Interconnected. The allocation will be based on percentages derived from 12 months-to-date kWh for: Utility Firm and Firmed-Up Secondary invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The year-to-date portion of the fuel price variation which is initially allocated to Rural Island Interconnected will be re-allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the approved Test Year Cost of Service Study.

The current month's activity for Newfoundland Power, Island Industrials and regulated Labrador Interconnected customers will be calculated by subtracting year-to-date activity for the prior month from year-to-date activity for the current month. The current month's activity allocated to regulated Labrador Interconnected customers will be removed from the Plan and written off to Hydro's net income (loss).

#### 3. Monthly Customer Allocation: Rural Rate Alteration Activity

Each month, the rural rate alteration will be allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the approved Test Year Cost of Service Study. The portion allocated to regulated Labrador Interconnected will be removed from the Plan and written off to Hydro's net income (loss).

#### 4. Plan Balances

Separate plan balances for Newfoundland Power and for the Island Industrial customer class will be maintained. Financing charges on the plan balances will be calculated monthly using Hydro's approved Test Year weighted average cost of capital.

<sup>&</sup>lt;sup>5</sup> Monthly adjustments will continue after 2011 until a new Test Year Cost of Service is approved by the Public Utilities Board.

### NEWFOUNDLAND AND LABRADOR HYDRO

#### **RATE STABILIZATION PLAN (Continued)**

#### **Section C: Fuel Price Projection**

A fuel price projection will be calculated to anticipate forecast fuel price changes and to determine fuel riders for the rate adjustments. For industrial customers, this will occur in October each year, for inclusion with the RSP adjustment effective January 1. For Newfoundland Power, this will occur in April each year, for inclusion with the RSP adjustment effective July 1.

#### 1. Industrial Fuel Price Projection:

In October each year, a fuel price projection for the following January to December shall be made to estimate a change from Test Year No. 6 Fuel Cost. Hydro's projection shall be based on the change from the average Test Year No. 6 fuel purchase price, in Canadian dollars per barrel, determined from the forecast oil prices provided by the PIRA Energy Group, and the current US exchange rate. The calculation for the projection is:

$$[\{(S-T) \times U\} - V] \times W$$

Where:

S = the September month-end PIRA Energy Group average monthly forecast for No. 6 fuel prices at New York Harbour for the following January to December

T = Hydro's average Test Year contract discount (US \$/bbl)

U = the monthly average of the \$Cdn / \$US Bank of Canada Noon Exchange Rate for the month of September

V = average Test Year Cost of Service purchase price for No. 6 Fuel (\$Can /bbl.)

W = the number of barrels of No. 6 fuel forecast to be consumed at the Holyrood Generating Station for the Test Year.

The industrial customer allocation of the forecast fuel price change will be based on 12 months-to-date kWh as of the end of September and is the ratio of Industrial Firm invoiced energy to the total of: Utility Firm and Firmed-Up Secondary invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The amount of the forecast fuel price change, in Canadian dollars, and the details of an estimate of the fuel rider based on 12 months-to-date kWh sales to the end of September will be reported to industrial customers, Newfoundland Power, and the Public Utilities Board, by the 10<sup>th</sup> working day of October.

#### 2. Newfoundland Power Fuel Price Projection:

In April each year, a fuel price projection for the following July to June shall be made to estimate a change from Test Year No. 6 Fuel Cost. Hydro's projection shall be based on the change from the average Test Year No. 6 fuel purchase price, in Canadian dollars per barrel, determined from the forecast oil prices provided by the PIRA Energy Group, and the current US exchange rate. The calculation for the projection is:

$$[\{(X-T) \times Y\} - V] \times W$$

Where:

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN (Continued)

- T = Hydro's average Test Year contract discount (US \$/bbl)
- V = average Test Year Cost of Service purchase price for No. 6 Fuel (\$Can /bbl.)
- W = the number of barrels of No. 6 fuel forecast to be consumed at the Holyrood Generating Station for the Test Year.
- X = the average of the March month-end PIRA Energy Group average monthly forecast for No. 6 fuel prices at New York Harbour for the following July to December, and the most recent long-term PIRA Energy Group average annual forecast for No. 6 fuel prices at New York Harbour for the following January to June.
- Y = the monthly average of the \$Cdn / \$US Bank of Canada Noon Exchange Rate for the month of March.

The Newfoundland Power customer allocation of the forecast fuel price change will be based on 12 months-to-date kWh as of the end of March and is the ratio of Newfoundland Power Firm and Firmed-Up Secondary invoiced energy to the total of: Utility Firm and Firmed-Up Secondary invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The amount of the forecast fuel price change, in Canadian dollars, and the details of the resulting fuel rider applied to the adjustment rate will be reported to Newfoundland Power, industrial customers, and the Public Utilities Board, by the 10<sup>th</sup> working day of April.

#### Section D: Adjustment

#### 1. Newfoundland Power

As of March 31 each year, Newfoundland Power's adjustment rate for the 12-month period commencing the following July 1 is determined as the rate per kWh which is projected to collect:

Newfoundland Power March 31 Balance

- less projected recovery / repayment of the balance for the following three months (if any), estimated using the energy sales (kWh) for April, May and June from the previous year
- plus forecast financing charges to the end of the 12-month recovery period (i.e., June in the following calendar year),

divided by the 12-months-to-date firm plus firmed-up secondary kWh sales to the end of March.

A fuel rider shall be added to the above adjustment rate, based on the Newfoundland Power Fuel Price Projection amount (as per Section C.2 above) divided by 12-months-to-date kWh sales to the end of March.

When new Test Year base rates come into effect, if a fuel rider forecast (either March or September) is more current than the test year fuel forecast, a fuel rider will be implemented at the same time as the change in base rates reflecting the more current fuel forecast and the new test year values.

#### NEWFOUNDLAND AND LABRADOR HYDRO

#### **RATE STABILIZATION PLAN (Continued)**

Otherwise, the fuel rider portion of the RSP Adjustment will be set to zero upon implementation of the new Test Year Cost of Service rates, until the time for the next fuel price projection.

#### 2. Island Industrial Customers

As of December 31 each year, the adjustment rate for industrial customers for the 12-month period commencing January 1 is determined as the rate per kWh which is projected to collect:

Industrial December 31 Balance

plus forecast financing charges to the end of the following calendar year,

divided by 12-months-to-date kWh sales to the end of December.

A fuel rider shall be added to the above adjustment rate, based on the Industrial Fuel Price Projection (as per Section C.1 above) amount divided by 12-months-to-date kWh sales to the end of December.

When new Test Year base rates come into effect, if a fuel rider forecast (either March or September) is more current than the test year fuel forecast, a fuel rider will be implemented at the same time as the change in base rates reflecting the more current fuel forecast and the new test year values. Otherwise, the fuel rider portion of the RSP Adjustment will be set to zero upon implementation of the new Test Year Cost of Service rates, until the time for the next fuel price projection.

#### **Section E: Historical Plan Balances:**

#### 1. August 2002 Balance:

Newfoundland Power and Island Industrial customer balances accumulated in the Plan as at August 2002 will be recovered over a 5-year collection period, with adjustment rates established each December 31, commencing December 31, 2002. Financing charges on the plan balances will be calculated monthly using Hydro's approved Test Year annual weighted average cost of capital.

#### **Newfoundland Power**

The adjustment rate for each year of the five-year adjustment period will be determined as follows:

$$A = (B - C + D) \div E \div F$$

where

A = adjustment rate (\$ per kWh) for the 12-month period commencing the following July 1.

B = Balance December 31

C = projected recovery to the following June 30 (if any), estimated using the most recent energy sales (kWh) for the period January to June.

D = projected financing charges to the following June 30

E = number of years remaining in the adjustment period

F = energy sales (kWh) (firm and firmed-up secondary) to Newfoundland Power for the most recent 12 months ended December 31

Recovery and financing will be applied to the balance each month. At the end of the five-year recovery period, any remaining balance will be added to the plan then in effect.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN

#### **Island Industrial Customers**

The adjustment rate for each year of the five-year adjustment period will be determined as follows:

 $G = H \div I \div J$ 

where

G = adjustment rate (\$ per kWh) for the 12-month period commencing the following January 1.

 $H = Balance December 31^6$ 

I = number of years remaining in the adjustment period

J = firm energy sales (kWh) to Industrial Customers for the most recent 12 months ended December 31

Recovery and financing will be applied to the balance each month. At the end of the five-year recovery period, any remaining balance will be added to the plan then in effect.

#### 2. RSP Balance, December 31, 2003:

Newfoundland Power and Island Industrial customer balances accumulated in the Plan as at December 31, 2003 will be consolidated with the outstanding August 2002 customer balances as of December 31, 2003, and will be included with the Newfoundland Power and Island Industrial customer balances respectively for rate-setting purposes as of December 31, 2003.

#### Section F: Hydraulic Variation Special Adjustment December 31, 2006

#### 1. Hydraulic Variation Customer Assignment

Customer assignment of the December 31, 2006 hydraulic variation account balance will be performed as follows:

E x 100%

Where:

E = Hydraulic Variation Account Balance as of December 31, 2006, including financing charges

The total amount of the Hydraulic Customer Assignment shall be removed from the Hydraulic Variation Account.

#### 2. Customer Allocation

The December 31, 2006 customer assignment will be allocated among the Island Interconnected customer groups of (1) Newfoundland Power; (2) Island Industrial Firm; and (3) Rural Island Interconnected. The allocation will be based on percentages derived from 12 months-to-date kWh for: Utility Firm and

-

<sup>&</sup>lt;sup>6</sup> Subject to Section F.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN (Continued)

Firmed-Up Secondary invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The portion of the hydraulic customer assignment which is initially allocated to Rural Island Interconnected will be re-allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion which the Rural Deficit was allocated in the approved Test Year Cost of Service Study.

The Labrador Interconnected Hydraulic customer allocation shall be written off to Hydro's net income (loss).

#### 3. Adjustment Rates

The Newfoundland Power customer allocation shall be included with the Newfoundland Power Historic Plan RSP balance as of December 31, 2006. To implement the affect of the adjustment over the remaining recovery period in the Historic Plan, the adjustment rate is calculated as follows:

#### January 1, 2007 RSP Adjustment Rate

Newfoundland Power's adjustment rate for January 1, 2007 will be based on the forecast Hydraulic Variation credit balance of \$20,707,844, with Newfoundland Power's share equal to \$17,759,489, calculated using forecast sales to December 31, 2006.

The January 1, 2007 RSP rate Adjustment is calculated as follows:

NP December 2006 Hydraulic Variation Allocation	\$(17,759,489)
Divided by:	
Remaining Historic Plan Recovery Months	18
Equals:	
Forecast Monthly Recovery	\$(986,638)
Multiplied by 12 equals	
Annual Adjustment	\$(11,839,659)
Divided by	
12 months to date (Jan - Dec) forecast NP Sales (kWh)	4,680,392,181
Equals	
Reduction in Historic Plan Adjustment Rate (mills per k	Wh),
effective January 1, 2007	(2.53)

#### July 1, 2007 RSP Adjustment Rate

The July 1, Historic Plan will be calculated in accordance with Section E, with the January 1, 2007 RSP adjustment rate calculated above included for the purpose of calculating the projected recovery (Component C) to June 2007 and the projected financing charges (Component D).

The Island Industrial customer allocation shall be allocated between the Industrial Customer current and Historic plans as follows:

### NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN (Continued)

#### **Current Plan**

The current plan assignment will be equal to the assignment calculated in accordance with Section A.3.

#### **Historic Plan**

The difference between the total amount assigned to the Industrial Customers in this section and the amount assigned to the Current Plan above will be included in the Historic Plan. The December 31, 2006 Historic Plan balance used for rate setting in Section E will be adjusted to remove the 2006 Hydraulic Variation amount, so that the impact of the Hydraulic Variation adjustment will not affect Industrial Customer rates until January 1, 2008.

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.2H GENERAL SERVICE 10 - 100 kW (110 kVA)

#### **Availability:**

For Service (excluding Domestic Service) throughout the Happy Valley-Goose Bay Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is 10 kilowatts or greater but less than 100 kilowatts (110 kilovolt-amperes).

#### Rate:

#### **Demand Charge:**

#### **Energy Charge:**

#### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 ¢ per kWh, but not less than the Minimum Monthly Charge.

#### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kW of maximum demand occurring in the 12 months ending with the current month, but not less than \$20.00 for a three phase service.

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General:**

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.3H GENERAL SERVICE 110 kVA (100 kW) - 1000 kVA

#### **Availability:**

For Service (excluding Domestic Service) throughout the Happy Valley-Goose Bay Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is 110 kilovolt-amperes (100 kilowatts) or greater but less than 1000 kilovolt-amperes.

#### Rate:

#### **Demand Charge:**

The maximum demand registered on the meter in the current month .....@ \$2.00 per kVA

#### **Energy Charge:**

#### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 ¢ per kWh, but not less than the Minimum Monthly Charge.

#### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kVA of maximum demand occurring in the 12 months ending with the current month.

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, up to a maximum of \$500.00, will be allowed if the bill is paid within 10 days after it is issued.

#### General:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.4H GENERAL SERVICE 1000 kVA AND OVER

#### **Availability:**

For Service (excluding Domestic Service) throughout the Happy Valley-Goose Bay Interconnected service area of Hydro, where the maximum demand occurring in the 12 month period ending with the current month is 1000 kilovolt-amperes or greater.

#### Rate:

#### **Billing Demand Charge:**

The maximum demand registered on the meter in the current month .....@ \$1.75 per kVA

#### **Energy Charge:**

#### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 ¢ per kWh, but not less than the Minimum Monthly Charge.

#### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kVA of maximum demand occurring in the 12 months ending with the current month.

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, up to a maximum of \$500.00, will be allowed if the bill is paid within 10 days after it is issued.

#### General:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 1.1W DOMESTIC

#### **Availability:**

For Service throughout the Labrador City and Wabush Interconnected service area of Hydro, to a Domestic Unit or to buildings or facilities which are on the same Serviced Premises as a Domestic Unit and used by the same Customer exclusively for domestic or household purposes, whether such buildings or facilities are included on the same meter as the Domestic Unit or metered separately.

#### Rate:

Basic Customer Charge:	\$6.27 per month
En anav. Changa	
Energy Charge: All kilowatt-hours	
Minimum Monthly Charge	\$6.27

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General:**

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.1W GENERAL SERVICE 0 - 10 kW

#### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador City and Wabush Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is less than 10 kilowatts.

#### Rate:

Basic Customer Charge:	\$9.10 per month
Energy Charge:	
All kilowatt-hours	@ 4.111 ¢ per kWh
Minimum Monthly Charge: Single Phase	
Three Phase	\$20.00

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General**:

## NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.2W GENERAL SERVICE 10 - 100 kW (110 kVA)

#### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador City and Wabush Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is 10 kilowatts or greater but less than 100 kilowatts (110 kilovolt-amperes).

#### Rate:

### **Demand Charge:**The maximum demand registered on the meter in the current month ......@ \$2.20 per kW

#### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 cents per kWh, but not less than the Minimum Monthly Charge.

#### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kW of maximum demand occurring in the 12 months ending with the current month, but not less than \$20.00 for a three phase service.

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### General:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.3W GENERAL SERVICE 110 kVA (100 kW) - 1000 kVA

#### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador City and Wabush Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is 110 kilovolt-amperes (100 kilowatts) or greater but less than 1000 kilovolt-amperes.

#### Rate:

Demand Charge:		
The maximum demand registered on	the meter in the current month.	@ \$2.00 per kVA
Energy Charge:		
All kilowatt-hours		@ 2.103 ¢ per kWh

#### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 cents per kWh, but not less than the Minimum Monthly Charge.

#### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kVA of maximum demand occurring in the 12 months ending with the current month.

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, up to a maximum of \$500.00, will be allowed if the bill is paid within 10 days after it is issued.

#### General:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.4W GENERAL SERVICE 1000 kVA AND OVER

#### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador City and Wabush Interconnected service area of Hydro, where the maximum demand occurring in the 12 month period ending with the current month is 1000 kilovolt-amperes or greater.

#### Rate:

Billing Demand Charge:	
The maximum demand registered on the meter	in the current month@ \$1.75 per kVA
<b>Energy Charge:</b>	
All kilowatt-hours	

#### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 cents per kWh, but not less than the Minimum Monthly Charge.

#### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kVA of maximum demand occurring in the 12 months ending with the current month.

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, up to a maximum of \$500.00, will be allowed if the bill is paid within 10 days after it is issued.

#### General:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.1W STREET AND AREA LIGHTING SERVICE

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City and Wabush Interconnected service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro.

#### **Monthly Rate:**

	SENTINEL / STANDARD
MERCURY VAPOUR <sup>1</sup>	
250W ( 9,400 lumens)	\$9.19
HIGH PRESSURE SODIUM <sup>2</sup>	
100W ( 8,600 lumens)	8.27
150W (14,400 lumens)	9.19
250W (23,200 lumens)	15.95
400W (45,000 lumens)	20.10

<sup>&</sup>lt;sup>1</sup> Fixtures previously owned by the Town of Wabush as of September 1, 1985, and transferred to Hydro in 1987.

#### Special poles used exclusively for lighting service

Wood .......\$ 3.00

#### General:

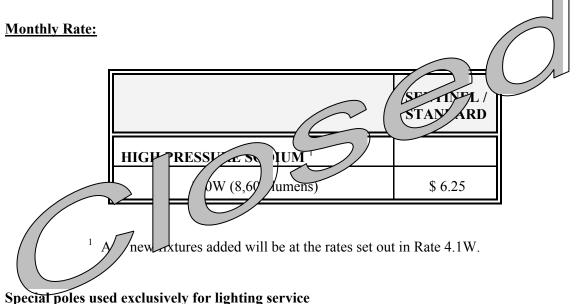
<sup>&</sup>lt;sup>2</sup> Only High Pressure Sodium fixtures are available for all new installations and replacements installed after September 1, 2002.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.11W

#### **STREET AND AREA LIGHTING SERVICE (Continued)**

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro existing as of September 1, 2002.



#### **General**:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.12W STREET AND AREA LIGHTING SERVICE (Continued)

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by the customer.

#### **Monthly Rate:**

	SENTINEL / STANDARD
HIGH PRESSURE SODIUM	
100W (8,600 lumens)	\$ 3.97

#### Special poles used exclusively for lighting service

Wood ......\$ 3.00

#### **General:**

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 1.1W DOMESTIC

#### **Availability:**

For Service throughout the Labrador City and Wabush Interconnected service area of Hydro, to a Domestic Unit or to buildings or facilities which are on the same Serviced Premises as a Domestic Unit and used by the same Customer exclusively for domestic or household purposes, whether such buildings or facilities are included on the same meter as the Domestic Unit or metered separately.

#### Rate:

Basic Customer Charge:	\$6.83 per month
Energy Charge:	
All kilowatt-hours	
Minimum Monthly Charge	\$6.83

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General**:

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.1W GENERAL SERVICE 0 - 10 kW

#### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador City and Wabush Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is less than 10 kilowatts.

#### Rate:

Basic Customer Charge:	\$9.10 per month
Energy Charge: All kilowatt-hours	@ 4.501 ¢ per kWh
Minimum Monthly Charge: Single Phase	
Three Phase	\$20.00

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General**:

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.1W STREET AND AREA LIGHTING SERVICE

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City and Wabush Interconnected service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro.

#### **Monthly Rate:**

	SENTINEL / STANDARD
MERCURY VAPOUR <sup>1</sup>	
250W ( 9,400 lumens)	\$9.53
HIGH PRESSURE SODIUM <sup>2</sup>	
100W ( 8,600 lumens)	8.75
150W (14,400 lumens)	9.53
250W (23,200 lumens)	15.95
400W (45,000 lumens)	20.10

<sup>&</sup>lt;sup>1</sup> Fixtures previously owned by the Town of Wabush as of September 1, 1985, and transferred to Hydro in 1987.

#### Special poles used exclusively for lighting service

#### General:

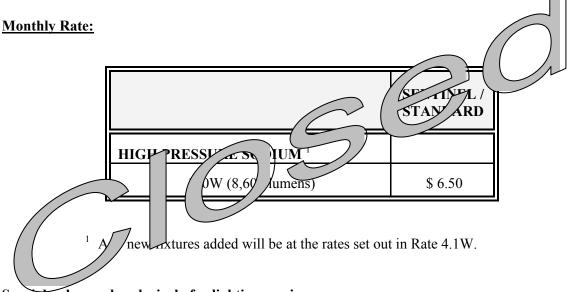
<sup>&</sup>lt;sup>2</sup> Only High Pressure Sodium fixtures are available for all new installations and replacements installed after September 1, 2002.

## NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.11W

#### **STREET AND AREA LIGHTING SERVICE (Continued)**

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro existing as of September 1, 2002.



Special poles used exclusively for lighting service

#### **General:**

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.12W STREET AND AREA LIGHTING SERVICE (Continued)

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by the customer.

#### **Monthly Rate:**

	SENTINEL / STANDARD
HIGH PRESSURE SODIUM	
100W (8,600 lumens)	\$ 4.15

#### Special poles used exclusively for lighting service

#### **General:**

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.1H STREET AND AREA LIGHTING SERVICE

#### **Availability**:

For Street and Area Lighting Service throughout the Happy Valley-Goose Bay Interconnected service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro.

#### **Monthly Rate:**

	SENTINEL / STANDARD
MERCURY VAPOUR	
250W ( 9,400 lumens)	\$ 11.90
HIGH PRESSURE SODIUM 1	
100W ( 8,600 lumens)	9.20
150W (14,400 lumens)	11.90
250W (23,200 lumens)	15.95
400W (45,000 lumens)	20.10

Only High Pressure Sodium fixtures are available for all new installations and replacements.

#### Special poles used exclusively for lighting service

Wood \$ 3.25

#### **General:**

Details regarding conditions of service are provided in the Rules and Regulations.

This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 1.1W

#### **DOMESTIC**

#### **Availability:**

For Service throughout the Labrador City and Wabush Interconnected service area of Hydro, to a Domestic Unit or to buildings or facilities which are on the same Serviced Premises as a Domestic Unit and used by the same Customer exclusively for domestic or household purposes, whether such buildings or facilities are included on the same meter as the Domestic Unit or metered separately.

#### Rate:

Basic Customer Charge:	\$7.15 per month
Energy Charge:	
All kilowatt-hours	
Minimum Monthly Charge	\$7.15

#### **Discount**:

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General:**

# NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.1W GENERAL SERVICE 0 - 10 kW

#### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador City and Wabush Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is less than 10 kilowatts.

#### Rate:

Basic Customer Charge:	\$9.10 per month
Energy Charge:	
All kilowatt-hours	
Minimum Monthly Charge: Single Phase	\$9.10
Three Phase	\$20.00

#### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

#### **General**:

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.1W STREET AND AREA LIGHTING SERVICE

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City and Wabush Interconnected service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro.

#### **Monthly Rate:**

	SENTINEL / STANDARD
MERCURY VAPOUR <sup>1</sup>	
250W ( 9,400 lumens)	\$9.90
HIGH PRESSURE SODIUM <sup>2</sup>	
100W ( 8,600 lumens)	9.20
150W (14,400 lumens)	9.90
250W (23,200 lumens)	15.95
400W (45,000 lumens)	20.10

<sup>&</sup>lt;sup>1</sup> Fixtures previously owned by the Town of Wabush as of September 1, 1985, and transferred to Hydro in 1987.

#### Special poles used exclusively for lighting service

#### General:

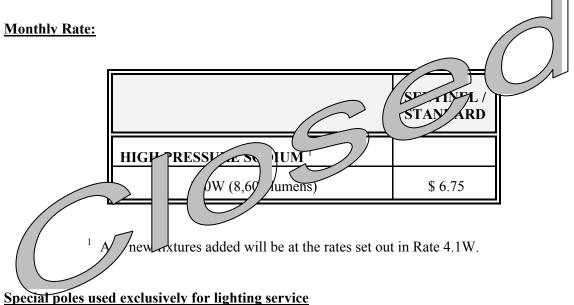
<sup>&</sup>lt;sup>2</sup> Only High Pressure Sodium fixtures are available for all new installations and replacements installed after September 1, 2002.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.11W

#### **STREET AND AREA LIGHTING SERVICE (Continued)**

#### **Availability:**

For Street and Area Lighting Service throughout the Labrador City service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro existing as of September 1, 2002.



#### **General:**

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.12W STREET AND AREA LIGHTING SERVICE (Continued)

### **Availability:**

For Street and Area Lighting Service throughout the Labrador City service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by the customer.

### **Monthly Rate:**

	SENTINEL / STANDARD
HIGH PRESSURE SODIUM	
100W (8,600 lumens)	\$ 4.31

### Special poles used exclusively for lighting service

### **General:**

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 1.1L DOMESTIC

### Availability:

For Service throughout the Labrador Interconnected service area of Hydro, to a Domestic Unit or to buildings or facilities which are on the same Serviced Premises as a Domestic Unit and used by the same Customer exclusively for domestic or household purposes, whether such buildings or facilities are included on the same meter as the Domestic Unit or metered separately.

### Rate:

Basic Customer Charge: \$7.15 per month

Energy Charge: @ 3.28 ¢ per kWh

Minimum Monthly Charge \$7.15

### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

### **General:**

## NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.1L GENERAL SERVICE 0 - 10 kW

### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is less than 10 kilowatts.

### Rate:

Basic Customer Charge:	\$10.45 per month
Energy Charge: All kilowatt-hours	
Minimum Monthly Charge: Single Phase	\$10.45
Three Phase	\$20.00

### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

### **General**:

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.2L GENERAL SERVICE 10 - 100 kW (110 kVA)

### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is 10 kilowatts or greater but less than 100 kilowatts (110 kilovolt-amperes).

### Rate:

### **Demand Charge:**

The maximum demand registered on the meter in the current month ....... @ \$2.20 per kW

### **Energy Charge:**

### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 ¢ per kWh, but not less than the Minimum Monthly Charge.

### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kW of maximum demand occurring in the 12 months ending with the current month, but not less than \$20.00 for a three phase service.

### **Discount:**

A discount of 1.5% of the amount of the current month's bill, but not less than \$1.00, will be allowed if the bill is paid within 10 days after it is issued.

### **General**:

Details regarding metering [in particular Regulation 7 (n)], transformation [in particular Regulation 9(k)], and other conditions of service are provided in the Rules and Regulations. This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.3L GENERAL SERVICE 110 kVA (100 kW) - 1000 kVA

### **Availability:**

For Service (excluding Domestic Service) throughout the Labrador Interconnected service area of Hydro, where the maximum demand occurring in the 12 months ending with the current month is 110 kilovolt-amperes (100 kilowatts) or greater but less than 1000 kilovolt-amperes.

### Rate:

### **Demand Charge:**

The maximum demand registered on the meter in the current month...... @ \$2.00 per kVA

### **Energy Charge:**

### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 ¢ per kWh, but not less than the Minimum Monthly Charge.

### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kVA of maximum demand occurring in the 12 months ending with the current month.

### **Discount:**

A discount of 1.5% of the amount of the current month's bill, up to a maximum of \$500.00, will be allowed if the bill is paid within 10 days after it is issued.

### General:

Details regarding metering [in particular Regulation 7 (n)], transformation [in particular Regulation 9(k)], and other conditions of service are provided in the Rules and Regulations. This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.4L GENERAL SERVICE 1000 kVA AND OVER

### Availability:

For Service (excluding Domestic Service) throughout the Labrador Interconnected service area of Hydro, where the maximum demand occurring in the 12 month period ending with the current month is 1000 kilovolt-amperes or greater.

### Rate:

### **Billing Demand Charge:**

The maximum demand registered on the meter in the current month...... @ \$1.75 per kVA

### **Energy Charge:**

### **Maximum Monthly Charge:**

The Maximum Monthly Charge shall be 6.8 ¢ per kWh, but not less than the Minimum Monthly Charge.

### **Minimum Monthly Charge:**

An amount equal to \$1.05 per kVA of maximum demand occurring in the 12 months ending with the current month.

### **Discount:**

A discount of 1.5% of the amount of the current month's bill, up to a maximum of \$500.00, will be allowed if the bill is paid within 10 days after it is issued.

### General:

Details regarding metering [in particular Regulation 7 (n)], transformation [in particular Regulation 9(k)], and other conditions of service are provided in the Rules and Regulations. This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.1L STREET AND AREA LIGHTING SERVICE

### Availability:

For Street and Area Lighting Service throughout the Labrador Interconnected service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by Hydro.

### **Monthly Rate:**

	SENTINEL / STANDARD
MERCURY VAPOUR	
250W ( 9,400 lumens)	\$ 13.50
HIGH PRESSURE SODIUM 1	
100W (8,600 lumens)	10.00
150W (14,400 lumens)	13.50
250W (23,200 lumens)	17.80
400W (45,000 lumens)	23.00

Only High Pressure Sodium fixtures are available for all new installations and replacements.

### Special poles used exclusively for lighting service

### **General**:

### NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.12L

### **STREET AND AREA LIGHTING SERVICE (Continued)**

### **Availability:**

For Street and Area Lighting Service throughout the Labrador Interconnected service area of Hydro, where the electricity is supplied by Hydro and all fixtures, wiring and controls are provided, owned and maintained by the customer.

### **Monthly Rate:**

	SENTINEL / STANDARD
HIGH PRESSURE SODIUM	
100W (8,600 lumens)	\$ 4.10

### Special poles used exclusively for lighting service

Wood \$ 3.40

### **General**:

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Happy Valley/Goose Bay General Service 2.2HV

				Percentage Change in Annual Costs
	olla ange ial C	e in		7.5% to 10%
\$	to	•	150	49.53%
\$ 150	to	\$	300	28.08%
\$ 300	to	\$	500	16.09%
\$ 500	to	\$	750	4.73%
\$ 750	to	\$	925	1.58%
		To	tal:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 317 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Happy Valley/Goose Bay General Service 2.3HV

			Percentage Change in Annual Costs
_	lars ge in		4.75% to 8%
Annua	_		4.75% to 6%
\$ 245 to	\$	600	38.64%
\$ 600 to		1,500	43.18%
\$ 1,500 to	\$	2,000	9.09%
\$ 2,000 to	\$	3,000	4.55%
\$ 3,000 to	\$	3,750	4.55%
		Total:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 44 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Happy Valley/Goose Bay General Service 2.4HV

			Percentage Change in Annual Costs
	Dolla Chango Annual C	e in	0.5 % to 1%
\$ \$	900 to 3,500 to		50.00% 50.00%
		Total:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 2 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Labrador West Domestic 1.1W

					Percentage Change in Annual Costs
		_	e in	s	9% to 9.25%
\$	0	to	\$	50	24.41%
	50	to	\$	100	39.04%
\$ \$	100	to	\$	150	34.69%
\$	150	to	\$	200	1.76%
\$	200	to	\$	225	0.11%
				Total:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 3,753 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Labrador West General Service 2.1W

				Percentage Change in Annual Costs						
	Dollars Change in Annual Costs		0% to 6%	6% to 7%	7% to 8%	8% to 9%	9% to 9.1%	Total		
ф.	0 to	, e	25	51.91%	9.16%			_	61.07%	
\$				51.91%	9.16%	4.4 = 0.07				
\$	25 to	5	50			14.50%			14.50%	
\$	50 to	\$ 0	100			2.29%	17.56%		19.85%	
\$	100 to	\$	150				2.29%		2.29%	
\$	150 to	\$	200				1.53%	0.76%	2.29%	
	Total:		51.91%	9.16%	16.79%	21.37%	0.76%	100.00%		

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 131 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Labrador West General Service 2.2W

			Percentage Change in Annual Costs
Cha	ollars inge in al Cos		7.5% to 10%
\$ 0	to \$	150	40.64%
\$ 150	to \$	300	28.69%
\$ 300	to \$	500	21.51%
\$ 500	to \$	700	6.77%
\$ 700	to \$	775	2.39%
	7	Γotal:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 251 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Labrador West General Service 2.3W

					Percentage Change in Annual Costs
Dollars					
	Cha Annu	_			4.75% to 6.25%
	Aiiii	ıaı v	<u> </u>	ıs	
\$	300	to	\$	500	19.12%
\$	500	to	\$	700	25.00%
\$	700	to	\$	1,500	39.71%
\$	1,500	to	\$	2,000	7.35%
\$	2,000	to	\$	2,500	8.82%
				Total:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 68 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2008 Labrador West General Service 2.4W

			Percentage Change in Annual Costs
	Dollars Change in Annual Costs		0.5% to 0.8%
\$ \$	375 to \$ 500 to \$	500 850	50.00% 50.00%
	То	tal:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 2 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2009 Labrador West Domestic 1.1W

					Percentage Change in Annual Costs
		olla	_		
		_	e in		8.75% to 9.25%
	Annı	ıal (	Cost	S	
\$	0	to	\$	50	23.37%
\$	50	to	\$	100	28.75%
\$ \$	100	to	\$	150	43.03%
\$	150	to	\$	200	4.58%
\$	200	to	\$	250	0.27%
			7	otal:	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 3,753 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2009 Labrador West General Service 2.1W

					Percent	age Chang	e in Annual	Costs	
Do Cha Annu	_	e in		0% to 6%	6% to 7%	7% to 8%	8% to 9%	9% to 9.1%	Total
 		•	0.5	40.000/	7.000/	•	•	<u>'</u>	F7.050/
\$ 0	to	\$	25	49.62%	7.63%				57.25%
\$ 25	to	\$	50		3.82%	12.21%			16.03%
\$ 50	to	\$	100			2.29%	15.27%		17.56%
\$ 100	to	\$	150				6.87%		6.87%
\$ 150	to	\$	210				0.76%	1.53%	2.29%
		T	otal:	49.62%	11.45%	14.50%	22.90%	1.53%	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 131 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2010 Labrador West Domestic 1.1W

				Percentage Change in Annual Costs				
_	_	e in	s	4.5% to 8.75%	8.75% to 9.5%	Total		
\$ 0	to	\$	50	21.29%	1.49%	22.78%		
\$ 50	to	\$	100		20.44%	20.44%		
\$ 100	to	\$	150		45.67%	45.67%		
\$ 150	to	\$	200		10.47%	10.47%		
\$ 200	to	\$	275		0.64%	0.64%		
Total:				21.29%	78.71%	100.00%		

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 3,753 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2010 Labrador West General Service 2.1W

					Percent	tage Chang	e in Annual	Costs	
Dollars Change in Annual Costs				0% to 6%	6% to 7%	7% to 8%	8% to 9%	9% to 9.1%	Total
\$ 0	to	\$	25	48.86%	6.11%				54.96%
25			50	40.00 /0	3.05%	11.45%			14.50%
\$ _					3.05%				
\$ 50	to	\$	100			3.82%	16.79%		20.61%
\$ 100	to	\$	150				6.11%		6.11%
\$ 150	to	\$	230				1.53%	2.29%	3.82%
		T	otal:	48.86%	9.16%	15.27%	24.43%	2.29%	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 131 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2011 Happy Valley/Goose Bay Domestic 1.1HV

				Percentage Change in Annual Costs			
D	olla	rs					
Cha	ang	e ir	1	0.75% to	1.5% to		
Annu	ıal (	Cos	ts	1.5%	2.25%	Total	
\$ 0	to	\$	8	19.42%	4.94%	24.35%	
\$ 8	to	\$	15	65.62%		65.62%	
\$ 15	to	\$	20	8.70%		8.70%	
\$ 20	to	\$	25	1.14%		1.14%	
\$ 25	to \$ 30		30	0.19%		0.19%	
Total:				95.06%	4.94%	100.00%	

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 3,079 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2011 Happy Valley/Goose Bay General Service 2.1HV

						-	ge Change al Costs		
	Dolla Chang Annual (	e in		6 % to 8%	8% to 10%	10% to 12%	12% to 14%	14% to 15%	Total
\$ \$ \$ \$	0 to 60 to 125 to 175 to 225 to	\$ \$ \$ \$ \$	60 125 175 225 275	23.01% 22.57% 1.77% 1.33% 0.88%	21.68%	7.52%	9.29%	11.95%	73.45% 22.57% 1.77% 1.33% 0.88%
Ψ	220 10		otal:	49.56%	21.68%	7.52%	9.29%	11.95%	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 226 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2011 Labrador West Domestic 1.1W

	Percentage Change in Annual Costs											
	Dolla Chanç Annual	ge in		0 % to 1%	1% to 3%	3% to 5%	5% to 8.75%	8.75% to 9.5%	Total			
\$ \$ \$ \$	0 to 50 to 100 to 150 to 200 to	\$	50 100 150 200 300	1.07%	2.02%	2.63%	16.21% 4.68% 0.03% 0.03%	10.91% 43.48% 17.23% 1.72%	21.93% 15.59% 43.48% 17.25% 1.75%			
		T	otal:	1.07%	2.02%	2.63%	20.94%	73.34%	100.00%			

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 3,754 customers.

# Newfoundland and Labrador Hydro Impact of Proposed Rates on Annual Electricity Costs for 2011 Labrador West General Service 2.1W

							ge Change al Costs		
	_	e in		6 % to 7%	7% to 8%	8% to 9%	9% to 12%	12% to 15%	Total
\$ 0	to	\$	25				10.77%	32.31%	43.08%
\$ 25	to	\$	50		5.39%	12.31%	8.46%		26.16%
\$ 50	to	\$	100	3.08%	22.31%				25.39%
\$ 100	to	\$	150	3.85%					3.85%
\$ 150	to	\$	180	1.54%					1.54%
		T	otal:	8.46%	27.69%	12.31%	19.23%	32.31%	100.00%

Each number in the body of the table represents the proportion of customers with the combination of percent range at the top and dollar range to the left.

Note: This analysis is based on 2005 usage patterns and an average of 131 customers.