P.U. 17 (2004)

IN THE MATTER OF the *Electrical Power Control Act*, R.S.N., 1994, c. E-5.1 (the "*EPCA*") and the *Public Utilities Act* R.S.N., 1990, c. P-47 ("the *Act*") and their subordinate regulations;

AND IN THE MATTER OF an application by Newfoundland and Labrador Hydro for approval of, *inter alia*, rates to be charged its customers (the "*Application*").

BEFORE: Robert Noseworthy

Chair and Chief Executive Officer

Darlene Whalen, P.Eng.

Vice-Chair

G. Fred Saunders Commissioner **WHEREAS** on May 21, 2003 Newfoundland and Labrador Hydro (NLH) filed an Application with the Newfoundland and Labrador Board of Commissioners of Public Utilities (the "Board") requesting an Order of the Board approving, *inter alia*, the rates to be charged, as of January 1, 2004, for the supply of power and energy to its customers; and

WHEREAS on August 12, 2003 NLH filed an amended Application to reflect i) certain directions by Government pursuant to Section 5.1 of the EPCA; ii) a reduction in the requested rate of return on equity for rate setting purposes; and iii) Order No. P.U. 23(2003) approving revised rates for Newfoundland Power Inc. (NP) customers, which flow through to NLH rural customers; and

WHEREAS on May 4, 2004, after holding a public hearing, the Board issued Order No. P.U. 14(2004) directing NLH to, *inter alia*, calculate and file for the 2004 test year a revised total revenue requirement, rate base, return on rate base, cost of service study, and a revised Schedule of Rates, Rules and Regulations to be effective as of July 1, 2004, incorporating the determinations of the Board as set out in Order No. P.U. 14(2004); and

WHEREAS on May 28, 2004 NLH filed a revised total revenue requirement, rate base, return on rate base, cost of service study, and a revised Schedule of Rates, Rules and Regulations to be effective as of July 1, 2004, in response to the Board's direction in Order No. P.U. 14(2004); and

WHEREAS the Board has considered the matter and has confirmed that the revised total revenue requirement, rate base, return on rate base, cost of service study, Schedule of Rates, and revisions to its Rules and Regulations are consistent with Order No. P.U. 14(2004); and

WHEREAS the Board will by subsequent Order address the matter of NLH's proposed revisions to its Rules and Regulations and its Schedule of Rates for its Rural Isolated and Island Interconnected Customers, which includes rates to be established based on the rates approved by the Board for NP as part of a flow-through application from NP.

IT IS THEREFORE ORDERED THAT:

- 1. The forecast average 2004 test year Rate Base is hereby approved to be \$1,483,506,000.
- 2. The Board hereby allows a Rate of Return on Rate Base, based on the 2004 test year, of 7.466%.
- 3. The Board hereby approves the Schedule of Rates as filed by NLH, attached hereto as Schedule "A" of this Order, which excludes Rates for its Rural Isolated and Island Interconnected Customers.
- 4. The Rates approved in Schedule "A" will be effective for consumption on and after July 1, 2004 for all customers, except Labrador Interconnected firm customers, whose rates will be effective for bills issued on and after July 1, 2004.

DATED at St.	John's, N	ewfoundland	and Labrador	this 11 ^h	day of June 20	04.
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Robert Noseworthy,
Chair & Chief Executive Officer.

Darlene Whalen, P.Eng.,
Vice-Chairperson.

G. Fred Saunders,

Commissioner.

G. Cheryl Blundon, Board Secretary.

Schedule A

Order No. P. U. 17(2004)

SCHEDULE A

Effective: July 1, 2004 Page 1 of 23

NEWFOUNDLAND AND LABRADOR HYDRO UTILITY

Availability: Newfoundland Power Rate: Firming-up Charge: To be applied to secondary energy supplied by Corner Brook Pulp and Paper Limited.

*Subject to RSP Adjustment:

RSP Adjustment refers to all applicable adjustments arising from the operation of Hydro's Rate Stabilization Plan, which levelizes variations in hydraulic production, fuel cost, load and rural rates.

Adjustment for Losses:

If the metering point is on the load side of the transformer, either owned by the customer or specifically assigned to the customer, an adjustment for losses as determined in consultation with the customer prior to January 31 of each year, shall be applied.

General:

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

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NEWFOUNDLAND AND LABRADOR HYDRO INDUSTRIAL -FIRM

Availability:

Any person purchasing power, other than a retailer, supplied from the Interconnected Island bulk transmission grid at voltages of 66 kV or greater on the primary side of any transformation equipment directly supplying the person and who has entered into a contract with Hydro for the purchase of firm power and energy.

Rate:

Demand Charge:

The rate for Firm Power, as defined and set out in the Industrial Service Agreements, shall be \$6.17 per month per kilowatt of billing demand.

Firm Energy Charge:

*Subject to RSP Adjustment:

RSP Adjustment refers to all applicable adjustments arising from the operation of Hydro's Rate Stabilization Plan, which levelizes variations in hydraulic production, fuel cost, load and rural rates.

Specifically Assigned Charges:

The table below contains the additional specifically assigned charges for customer plant in service that is specifically assigned to the Customer.

	Annual Amount
Abitibi-Consolidated (Grand Falls)	\$ 1,968
Abitibi-Consolidated (Stephenville)	\$ 103,019
Corner Brook Pulp and Paper Limited	\$ 176,442
North Atlantic Refining Limited	\$ 174,011

Adjustment for Losses:

If the metering point is on the load side of the transformer, either owned by the customer or specifically assigned to the customer, an adjustment for losses as determined in consultation with the customer prior to January 31 of each year, shall be applied.

General:

Details regarding the conditions of Service are outlined in the Industrial Service Agreements. This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

Effective: July 1, 2004 Page 3 of 23

NEWFOUNDLAND AND LABRADOR HYDRO INDUSTRIAL – NON-FIRM

Availability:

Any person purchasing power, other than a retailer, supplied from the Interconnected Island bulk transmission grid at voltages of 66 kV or greater on the primary side of any transformation equipment directly supplying the person and who has entered into a contract with Hydro for the purchase of firm power and energy.

Rate:

Non-Firm Energy Charge (¢ per kWh):

Non-Firm Energy is deemed to be supplied from thermal sources. The following formula shall apply to calculate the Non-Firm Energy rate:

$$\{(A \div B) \times (1 + C) \times (1 \div (1 - D))\} \times 100$$

- A = the monthly average cost of fuel per barrel for the energy source in the current month or, in the month the source was last used
- B = the conversion factor for the source used (kWh/bbl)
- C = the administrative and variable operating and maintenance charge (10%)
- D = the average system losses on the Island Interconnected grid for the last five years ending in 2002 (3.21%).

The energy sources and associated conversion factors are:

- 1. Holyrood, using No. 6 fuel with a conversion factor of 630 kWh/bbl
- 2. Gas turbines using No. 2 fuel with a conversion factor of 475 kWh/bbl
- 3. Diesels using No. 2 fuel with a conversion factor of 556 kWh/bbl.

Adjustment for Losses:

If the metering point is on the load side of the transformer, either owned by the customer or specifically assigned to the customer, an adjustment for losses as determined in consultation with the customer prior to January 31 of each year, shall be applied.

General:

Details regarding the conditions of Service are outlined in the Industrial Service Agreements. This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

SCHEDULE A

Effective: July 1, 2004 Page 4 of 23

NEWFOUNDLAND AND LABRADOR HYDRO INDUSTRIAL - WHEELING

Availability:

Any person purchasing power, other than a retailer, supplied from the Interconnected Island bulk transmission grid at voltages of 66 kV or greater on the primary side of any transformation equipment directly supplying the person and who has entered into a contract with Hydro for the purchase of firm power and energy and whose Industrial Service Agreement so provides.

Rate:

Energy Charge:

* For the purpose of this Rate, losses shall be 3.21%, the average system losses on the Island Interconnected Grid for the last five years ending in 2002.

General:

Details regarding the conditions of Service are outlined in the Industrial Service Agreements. This rate schedule does not include the Harmonized Sales Tax (HST) which applies to electricity bills.

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NEWFOUNDLAND AND LABRADOR HYDRO RATE STABILIZATION PLAN

 $(J-I) \times L$

Where:

I = Actual Sales (kWh)

J = Test Year Cost of Service Sales (kWh)

L = Secondary Energy Firming Up Charge

1.3 Rural Rate Alteration

(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 ¹

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 five-year phase-in of the application of the credit from secondary energy sales to CFB Goose Bay to the rural deficit

Monthly adjustments commence January, 2005, and 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

Q = the CFB Revenue Credit applied to the rural deficit in Hydro's Final 2004 Test Year Cost of Service

R = the CFB Revenue Credit applied to the rural deficit in 2005 to 2008, included in existing rates and outlined in the table below:

¹ 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.

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	Q	R	Q – R	P
2005	\$255,417	\$520,851	(\$265,434)	(\$22,120)
2006	\$255,417	\$818,838	(\$563,421)	(\$46,952)
2007	\$255,417	\$1,670,229	(\$1,414,812)	(\$117,901)
2008 ²	\$255,417	\$2,504,092	(\$2,248,675)	(\$187,390)

1. 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.

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,

² Monthly adjustments will continue after 2008 until a new Test Year Cost of Service is approved by the Public Utilities Board.

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NEWFOUNDLAND AND LABRADOR HYDRO

RATE No. 1.1 HV

Domestic

Availability:

For Service throughout the Happy Valley-Goose Bay 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:	\$7.00 per month
Energy Charge: All kilowatt-hours	
Minimum Monthly Charge	<u> </u>

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. 2.1HV GENERAL SERVICE 0 - 10 kW

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 less than 10 kilowatts.

Rate:

Basic Customer Charge:	\$9.10 per month
Energy Charge: All kilowatt-hours	@ 3.967 ¢ 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:

Effective: July 1, 2004 Page 9 of 23

NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 2.2HV 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:

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

Energy Charge:

Maximum Monthly Charge:

The Maximum Monthly Charge shall be 6.8 ϕ 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. 2.3HV

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@ \$1.85 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. 2.4HV 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@ \$1.70 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. 3.1 HV ELECTRIC HEATING GENERAL SERVICE

Availability:

Throughout the Happy Valley/Goose Bay and North West River interconnected service areas of Hydro, for electric space heating, or for electric space heating combined with air conditioning of the electrically heated area, or for water heating purposes, in non-domestic establishments which, in the past, did not qualify for the all-electric General Service Rate.

Rate:

Demand Charge:

The maximum demand registered on the meter in the current month.

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.

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. 4.1HV 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)	8.75
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......\$3.00

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. 5.1HV

SECONDARY ENERGY

Availability:

For Service to Customers on the Labrador Interconnected grid engaged in fuel switching who purchase a minimum of 1 MW load and a maximum of 24 MW, who provide their own transformer and, who are delivered power at primary voltages. Hydro shall supply Secondary Energy to the Customer at such times and to the extent that Hydro has Churchill Falls electricity available in excess of the amount it requires for its own use, and to meet its commitments and sales opportunities, present and future, for firm energy. Moreover, Hydro may interrupt or reduce the supply of Secondary Energy at its sole discretion for any cause whatsoever. The energy delivered shall be used solely for the operation of the equipment engaged in fuel switching.

Energy Charge:

The energy charge shall be calculated monthly based on:

EITHER:

A. The Customer's cost of fuel (cents per litre) most recently delivered to the Customer including fuel additives, if any, in accordance with the following formula:

Secondary Energy Rate = Constant Factor x Fuel Cost/Litre x 90%

Constant Factor =
$$\frac{3413 \text{ BTU/kWh x A x B}}{\text{C x D}}$$

Where:

A = Customer's Electric Boiler Efficiency

B = Transformer and Losses Adjustment Factor

C = BTU/Litre of the Customer's fuel

D = Customer's Oil-fired Boiler Efficiency

OR:

B. The price equivalent to that negotiated for the sale of energy to non-regulated customers, as adjusted for losses.

WHICHEVER IS GREATER.

NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 5.1HV (continued)

SECONDARY ENERGY

Prior to the commencement of service, the Customer will provide to Hydro the rate component values for insertion in the pricing formula for Secondary Energy. If subsequent changes to any of these rate components are required, the Customer will provide them to Hydro as soon as practicable. Hydro may require that these rate component values be verified.

Communications

The Customer and Hydro shall each designate a position within their respective staffs to be responsible for communications as to changes in the cost of the fuel delivered to the Customer. Hydro will contact the Customer's designate on or before the second working day of each month at which time the Customer's designate will inform Hydro of the fuel cost. If this information is unavailable to Hydro for any reason, Hydro will use the previous month's fuel cost and make the adjustment to the correct cost in the following month's billing.

Power Factor

If the Customer's power factor is lower than 90%, the Customer shall upon written notice by Hydro provide, at the Customer's expense, power factor corrective equipment to ensure that a power factor of not less than 90% is maintained.

General:

Insofar as they are not inconsistent with the forgoing, the conditions of service provided in the Rules and Regulations shall apply to Customers in this rate class.

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

SCHEDULE A Effective: July 1, 2004

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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: \$4.50 per month

Energy Charge: all kilowatt-hours all kilowatt-ho

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	@ 2.823 ¢ per kWh
Minimum Monthly Charge: Single Phase	¢0.10
Minimum Monuny 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. 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@ \$2.00 per kW

Energy Charge:

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:

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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@ \$1.85 per kVA

Energy Charge:

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@ \$1.70 per kVA

Energy Charge:

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 ¹	
250W (9,400 lumens)	\$ 5.80
HIGH PRESSURE SODIUM ²	
100W (8,600 lumens)	7.11
150W (14,400 lumens)	11.90
250W (23,200 lumens)	15.95
400W (45,000 lumens)	20.10

¹ 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:

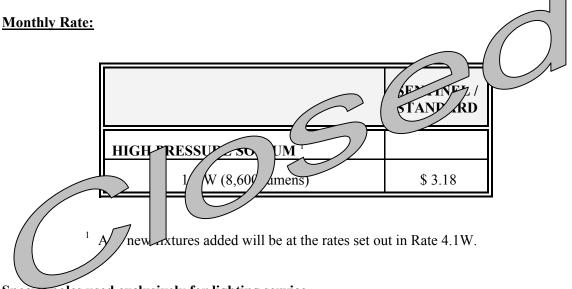
² Only High Pressure Sodium fixtures are available for all new installations and replacements installed after September 1, 2002.

NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.11W

STREET AND AREA LIGHTING SERVICE

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:

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NEWFOUNDLAND AND LABRADOR HYDRO RATE No. 4.12W

STREET AND AREA LIGHTING SERVICE

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)	\$ 2.65

Special poles used exclusively for lighting service

General: